



Pricelist 2019-2020 Applied Systems



Prices and technical information for Applied Systems

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NOTE:

The pricelist is valid from 1 April 2019 till 31 March 2020. All prices are list prices in Lei and excl. VAT.

All prior pricelists are not valid anymore. We reserve the right for printing errors and model changes. The LOT1&2 regulation requires the manufacturers to publish additional energy efficiency data for some products shown in this literature. From September 2015, these required efficiency data can be publicly viewed and downloaded from the following free access website: https://www.daikin.ro/ro_RO/about/daikin-innovations/seasonal-efficiency.html

Key Information

Ecodesign Directive and Energy Labels

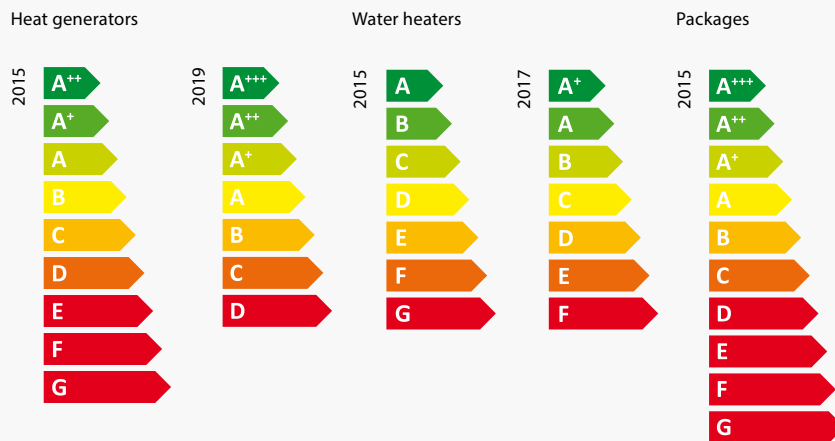
The Ecodesign Directive defines the minimum standards for the environmental characteristics of heaters, water heaters and combi appliances. From 26 September 2015, heat generators of up to 70 kW output and tanks of up to 500 litres must be marked with a label showing their energy efficiency. This applies to all individual products (product label) and heating systems (package label) brought onto the market from this date. In addition, a product datasheet containing detailed information must be made available for each item.

Identical across Europe

The Ecodesign Directive for heat generators and water heaters, and the obligation to identify products and system solutions with energy labels, will apply to all member states of the European Union. The aim is to promote the manufacture and development of more environmentally responsible and energy efficient heating systems and to simplify comparisons for consumers.

From green to red

The principle is well-known from refrigerators, washing machines and TV sets: Devices and appliances are split into efficiency classes on a scale from A+++ to G. Dark green represents the highest level of efficiency, dark red the lowest. The scales differ between the individual product groups.



Applied systems: products in scope

Since 2013, all air conditioners and air-to-air heat pumps under 12 kW are in scope of this Eco-Design directive.

Since 26 September 2015, heat generators for space heating (LOT 1) also need to comply to these 20-20-20 targets. For the applied systems market it means that all heat pumps below 400 kW need to comply to minimum efficiency requirements. Heat pumps below 70 kW must be marked with a product energy label.

Since 26 September 2017, second tier of **LOT 1** came into force, requiring minimum seasonal efficiency (SCOP) for the air to water & water to water heat pumps up to 400 kW.

Since 2018, the Ecodesign Directive sees **ENER LOT 21** came into force to increase energy efficiency and reduce carbon emissions throughout Europe. The products in scope are:

- › Air conditioners - all air conditioners over 12 kW, with specific requirements for both cooling and heating.
- › Cooling only chillers up to 1.500kW.
- › Reversible chillers from 400 kW to 1.500kW (reversible chillers up to and including 400kW are excluded from the regulation as being covered by directive (EC) 813/2013 with regard to Ecodesign requirements for space heaters and combination heaters).
- › Heating only chillers are excluded from the LOT 21, with no minimum heating requirements specified.

Our service

Daikin helps its partners to meet their obligations regarding the Ecodesign Directive and energy labelling. Labels, product and technical fiches for each individual product are available as downloads at any time from the Energy Label Generator at <http://emea.intpre.daikineurope.com/energylabel/Lot1-2>



Witness testing

Peace of mind system integration

Each day, the solutions offered by Daikin Applied Europe ensure people the best configuration for their thermic comfort. Our solutions for process cooling and heating are worldwide requested. Any application can be served, resulting in a wide range of products available for our customers. We are industry leaders in air cooled and water cooled chiller technologies. All our efforts result in dedicated solutions tailored to application peculiarities. Our performance in each condition can be shared with customers during witness tests.

During witness testing even the toughest design conditions can be simulated. Customers and consultants can appreciate product performance before its delivery, ensuring “peace of mind” chiller integration in the whole project.

We have specific competencies and state of the art testing facilities to pursue these goals.

The new Daikin Applied Europe testing facilities in Cecchina factory (Rome, Italy) include:

- › A newly built climatic test chamber
- › 3 test stands dedicated to water cooled chillers
- › Customer Lounge, from where testing can be viewed in all comfort



New Climatic Chamber



The state-of-the-art testing centre follows a rigorous set of procedures to ensure proper operation of Daikin products in any environment. The new testing regime has been independently verified and accredited to EN 14511:2013, ISO 9614:2009 and other major recognised European and American HVACR industry standards. In addition, the climatic chamber has been approved by the Air Conditioning, Heating and Refrigeration Institute (AHRI), with tests on air-cooled units for the Eurovent testing campaign being conducted in this new Daikin facility.

Up to
2000 kW
in cooling
at the forefront
of testing

The range of tests that could be performed in the new chamber is very wide. It can be summarized in:

Eurovent and AHRI conditions at full load and part load

Customized full load and part load points, including:

- › High ambient temperature installations: up to +52 °C
 - › Extremely low ambient temperature: down to -15 °C
 - › Negative evaporator leaving water temperature conditions: down to -8 °C with glycol solutions
 - › Heat recovery and heat pump tests
 - › 4-6 pipes units
 - › Free cooling
 - › Acoustic tests
-
- › Voltage range: 380 – 400 – 440 – 690 V
 - › Frequency range: 50 – 60 Hz

The new climatic chamber enables testing of the entire aircooled chiller range, in any design condition.



EWYD-4Z Multipurpose units

4 and 6 pipes layouts can be tested

NEW R1234ze chiller EWAH-TZ B

Up to 1060 kW – 20 FANS

Up to 30 FANS chiller EWAD-T B

Cooling capacity up to 2000 kW

Each application can be simulated. From comfort cooling conditions (residential / office / commercial buildings / hospitals) to highly customized chillers for industrial process cooling applications (food / pharma / refrigerated warehouses / data centers, etc.). Chillers for rental cooling purposes can be tested in our facility, in different expected operating conditions.

Here are only a few examples of successful witness tests:



Application: Pharma

Unit: EWADC11TZ-XS B2

Cooling load: 695 kW

Conditions:

Chilled water in/out: 0/-5 °C

Ambient temperature: 42°C

Tests performed:

Full load + 3 part loads

Testing time: 1 day



Application: Bank headquarters

Unit: EWYD580BZ-SS

Cooling load: 580 kW

Heating load: 618 kW

Conditions:

Chilled water in/out: 12 / 7 °C at 35 °C ambient

Heated water in/out: 40 / 45 °C at 7 °C ambient

Tests performed:

Full load in cooling & heating

50% part load in cooling

Acoustic test in cooling – full load

Testing time: 1 day



Application: Hospital

Unit: EWYD6504Z-XR A2

Cooling load: 756 kW

Heating load: 751 kW

Conditions:

Chilled water in/out: 12 / 6 °C at 38°C ambient

Heated water in/out: 40 / 45 °C at 5 °C ambient

Tests performed:

Full load in cooling & heating

Acoustic test in cooling – full load

Testing time: 1 day

Water cooled test stands

Our chiller testing facility offers the most advanced testing technology for water cooled units. 3 test stands are available for witness testing purposes, up to 2 – 4 – 11 MW cooling capacity. The largest capacity test stand is also AHRI approved.



Cooling applications can be simulated in many conditions. From small-medium sized comfort cooling conditions (residential / office / commercial buildings) to highly customized chillers for industrial process cooling applications (food / pharma, etc.) and up to large

public buildings and district cooling applications. Chillers for marine applications can be tested in our facility, ensuring complete integration of the chiller in the ship's HVAC system.

Here are only a few examples of successful witness tests:



Application: Courthouse

Unit: EWWDC21VZ-XS A2

Cooling load: 1736 kW

Conditions:

Chilled water in/out: 10 / 5 °C
 Condenser water in/out: 40 / 45 °C
 Power supply: 400 V / 50 Hz

Tests performed:

Full load + 3 part loads
 Testing time: 1 day



Application: Marine – cruise vessel

Unit: DWDC

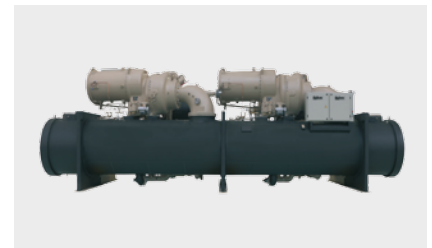
Cooling load: 6000 kW

Conditions:

Chilled water in/out: 12 / 6 °C
 Condenser water in/out: 32 / 38 °C
 Power supply: 11000 V / 60 Hz

Tests performed:

Full load + 3 part loads
 Testing time: 1 day



Application: District cooling

Unit: WCT

Cooling load: 11 MW

Conditions:

Chilled water in/out: 10 / 5 °C
 Condenser water in/out: 35 / 39 °C
 Power supply: 11000 V / 50 Hz

Tests performed:

Full load + 3 part loads
 Testing time: 1 day

Power supply conditions can be set according to an extensive range:

Voltage: 380 – 400 – 460 – 690 – 3000 – 3300 – 4160 – 6000 – 6600 – 10000 – 11000 – 13200 – 13800 V
 Frequency – 60 Hz

Customer Lounge

We elevate witness testing experience to a higher level. The dedicated lounge rooms ensure remote data log and monitoring from test stands. Product control and open discussion on product and design characteristics can then be fulfilled comfortably.



Factory Performance Test	
Unit Name	DAIKIN
Model	EWAPG072 SR
Unit No.	0N18 00541 /10
Inst Serial N.	CH 18011195
Load	100%
Test Stand	TS
Date	05/07/2018
Test Type	Performance
Test Fluid	Water
Reference	TS 1.1.6
Power	498.60 kW
Flow	0.0
Temp	2.800
Pressure	0.0

Description	M.U.	Design Value	Actual value	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
Water Temp	°C	12.000	24.585						
Water Delta Temp	°C	7.000	24.672						
Water Flow	m ³ /h	5.000	0.322						
Water Pressure	MPa	01.800	0.332						
Water Rate	MPa	44.00	2.30						



Product performance can be confirmed from the comfort of your chair. Details can be observed from the webcams all around the unit, ensuring customer expectations and safety. As well, the unit under testing can be directly checked through the glass.

Our customers are free to select what should be displayed on our monitors just by clicking on our tablet



EWAQ-A/B

- › Inverter controlled swing compressors with refrigerant R410a
- › High ESEER thanks to inverter technology, integrated hydronics.
- › Application range **cooling** air side + 10°C to + 43°C
- › Application range **cooling** water side + 5°C to + 20°C
- › Built-in Hydraulic kit: no buffer tank required, standard inverter driven pump, main flow sensor and switch included.
- › Expansion vessel included
- › Control panel included



Unit size (1 phase)	EWAQ	004BVP	005BVP	006BVP	008BVP	009ACV3P	010ACV3P	011ACV3P
Price⁽¹⁾	Lei	13.496,-	14.709,-	15.762,-	17.418,-	19.434,-	20.579,-	22.110,-
Cooling capacity ⁽²⁾	kW	4,00	4,93	5,88	7,95	8,6	9,6	11,1
EER		3,14	3,06	3,15	3,1	3,05	2,93	2,85
ESEER		4,45	4,49	5,25	5,24	4,31	4,3	4,33
Sound power level	dB(A)	63,0	64,2	69	69	64	64	64
Supply voltage (1-phase)	V~	230	230	230	230	230	230	230

Options									
OP10	Evaporator heater tape including better insulation of the hydraulic	Lei	1.729,-	1.729,-	1.710,-	1.710,-	2.861,-	2.861,-	2.861,-
EK2CB07CV3	Option box, requires EKCB07CV3	Lei	1.035,-	1.035,-	1.035,-	1.035,-	n/a	n/a	n/a
EKCB07CV3	Control box	Lei	1.035,-	1.035,-	1.035,-	1.035,-	n/a	n/a	n/a
EKRP1HBA	digital I/O PCB Additional board with operating or fault message output, fan operating message, release contact for additional heating	Lei	n/a	n/a	n/a	n/a	593,-	593,-	593,-

Unit size (3 phase)	EWAQ	009ACW1P	011ACW1P	013ACW1P
Price	Lei	20.273,-	22.295,-	23.617,-
Cooling capacity ⁽²⁾	kW	9,1	11,1	13,3
EER		2,99	2,85	2,57
ESEER		4,43	4,44	4,36
Sound power level	dB(A)	64	64	66
Supply voltage (3-phases)	V~	400	400	400

Options					
OP10	Evaporator heater tape including better insulation of the hydraulic	Lei	2.861,-	2.861,-	2.861,-
EKRP1HBA	digital I/O PCB Additional board with operating or fault message output, fan operating message, release contact for additional heating	Lei	593,-	593,-	593,-

Notes:

(1) Pump integrated; (2) Cooling: Ta DB/WB 35°C - LWE 7°C (DT = 5°C) data according EN 14511: 2011

EWYQ-A/B

- › Inverter controlled swing compressors with refrigerant R410a
- › High ESEER thanks to inverter technology
- › Application range **cooling** air side +10°C to +43°C
- › Application range **cooling** water side +5°C to +22°C
- › Application range **heating** air side -20°C to +25°C
- › Application range **heating** water side +15°C to +55°C
- › Built-in Hydraulic kit: no buffer tank required, standard inverter driven pump, main flow sensor and switch included.
- › Expansion vessel included
- › Control panel included



Unit size (1 phase)			EWYQ	004BVP	005BVP	006BVP	008BVP	009ACV3P	010ACV3P	011ACV3P
Price⁽¹⁾			Lei	15.005,-	16.344,-	17.522,-	19.358,-	22.371,-	23.552,-	24.972,-
Cooling capacity ⁽²⁾			kW	4,00	4,93	5,88	7,95	8,6	9,6	11,1
EER				3,14	3,06	3,15	3,10	3,05	2,93	2,85
ESEER				4,45	4,49	5,25	5,24	4,31	4,3	4,33
Heating capacity ⁽³⁾			kW	4,11	4,99	6,14	8,08	9,9	11,4	12,9
COP				3,44	3,41	3,51	3,49	3,3	3,29	3,27
Space heating	Average climate	η _s (Seasonal space heating efficiency)	%	114	118	124	124	126	131	134
	water outlet 55°C	SCOP		2,92	3,01	3,19	3,17	3,22	3,34	3,41
		Seasonal space heating eff. class		A+	A+	A+	A+	A+	A+	A+
Sound power level			dB(A)	63	64	69	69	64	64	64
Supply voltage (1-phase)			V~	230	230	230	230	230	230	230

Options										
OP10		Evaporator heater tape including better insulation of the hydraulic	Lei	1.729,-	1.729,-	1.710,-	1.729,-	2.861,-	2.861,-	2.861,-
EK2CB07CV3		Option box, requires EKCB07CV3	Lei	1.035,-	1.035,-	1.035,-	1.035,-	n/a	n/a	n/a
EKCB07CV3		Control box	Lei	1.035,-	1.035,-	1.035,-	1.035,-	n/a	n/a	n/a
EKRP1HBA		digital I/O PCB Additional board with operating or fault message output, fan operating message, release contact for additional heating	Lei	n/a	n/a	n/a	n/a	593,-	593,-	593,-

Unit size (3 phase)			EWYQ	009ACW1P	011ACW1P	013ACW1P
Price			Lei	23.246,-	25.231,-	26.662,-
Cooling capacity ⁽²⁾			kW	9,1	11,1	13,3
EER				2,99	2,85	2,57
ESEER				4,43	4,44	4,36
Heating capacity ⁽³⁾			kW	10,9	12,4	13,9
COP				3,28	3,27	3,25
Space heating	Average climate	η _s (Seasonal space heating efficiency)	%	126	134	130
	water outlet 35°C	SCOP		3,22	3,41	3,30
		Seasonal space heating eff. class		A+	A+	A+
Sound power level			dB(A)	64	64	66
Supply voltage (3-phases)			V~	400	400	400

Options						
OP10		Evaporator heater tape including better insulation of the hydraulic	Lei	2.861,-	2.861,-	2.861,-
EKRP1HBA		digital I/O PCB Additional board with operating or fault message output, fan operating message, release contact for additional heating	Lei	593,-	593,-	593,-

Notes:

(1) Pump integrated; (2) Cooling: Ta DB/WB 35°C - LWE 7°C (DT = 5°C) data according EN 14511: 2011 ; (3) Heating: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C), data according EN 14511: 2011






EWAQ-CW

- > Inverter controlled swing compressors with refrigerant R410a
- > High efficiency with leader-of-class ESEER.
- > No buffer tank required for standard applications
- > Application range **cooling** air side -5°C to +43°C
- > Application range **cooling** water side -10°C to +20°C
- > Communication to the building management system via RTD-W module
- > Hydraulic module with integrated pump and without pump available
- > Expansion vessel, flow controller, water filter, shut-off valve, drain/filling valve, control panel included



Unit size (without pump)	EWAQ-CWN	016	021	025	032	040	050	064
Price	Lei	36.764,-	43.278,-	48.810,-	56.304,-	74.468,-	82.966,-	95.804,-
Unit size (with standard pump)	EWAQ-CWP	016	021	025	032	040	050	064
Price	Lei	40.730,-	47.357,-	52.973,-	61.701,-	80.168,-	88.794,-	101.846,-
Unit size (with high lift pump)	EWAQ-CWH	016	021	025	032	040	050	064
Price	Lei	42.306,-	48.932,-	54.548,-	63.842,-	82.390,-	91.037,-	104.088,-
Cooling Capacity (MAX) ⁽³⁾ EWYQ - CWN ⁽¹⁾ / CWP ⁽²⁾	kW	20,0 / 20,2	25,0 / 25,2	30,1 / 30,3	37,6 / 37,8	50,1 / 50,3	60,1 / 60,3	75,2 / 75,3
Cooling capacity (nominal) ⁽³⁾ EWAQ - CWN / CWP	kW	16,8 / 17,0	21,0 / 21,2	25,3 / 25,5	31,6 / 31,8	42,1 / 42,3	50,5 / 50,7	63,2 / 63,3
ESEER (nominal) EWAQ - CWN ⁽¹⁾ / CWP ⁽²⁾		4,37 / 4,85	4,26 / 4,70	4,17 / 4,57	3,87 / 4,10	4,28 / 4,40	4,18 / 4,36	3,87 / 4,05
Sound power level	dB(A)	78	78	78	80	81	81	83

Options									
OP10	Evaporator electric heater	Lei	2.986,-	2.988,-	2.985,-	2.990,-	3.756,-	3.755,-	3.755,-
OPZL	Low leaving water operation down to -10 °C	Lei	2.236,-	2.238,-	2.235,-	2.229,-	2.983,-	2.983,-	2.983,-

Kit									
EKRP1AHT		Lei	607,-	607,-	607,-	607,-	607,-	607,-	607,-
	Additional board for external control, on/off device, heating /cooling switch								
EKRUAHT		Lei	891,-	891,-	891,-	891,-	891,-	891,-	891,-
	Additional control unit								
BHGP26A1		Lei	2.677,-	2.677,-	2.677,-	2.677,-	2.677,-	2.677,-	2.677,-
	Digital pressure display								
DTA104A62		Lei	2.292,-	2.292,-	2.292,-	2.292,-	2.292,-	2.292,-	2.292,-
	Additional board for demand and noise reduction								
RTD-W		Lei	1.906,-	1.906,-	1.906,-	1.906,-	1.906,-	1.906,-	1.906,-
	Modbus interface								

Notes:

- (1) EWYQ-CWN: Version without pump
- (2) EWYQ-CWP: Version with pump
- (3) Cooling: Ta DB/WB 35°C - LWE 7°C (DT = 5°C) data according EN 14511: 2011

EWYQ-CW






- › Inverter controlled swing compressors with refrigerant R410a
- › Wide operation range, ambient temperature in heating down to -15°C
- › No buffer tank required for standard applications
- › Application range **cooling** air side -5°C to +43°C
- › Application range **cooling** water side -10°C to +20°C
- › Application range **heating** air side -15°C to +35°C
- › Application range **heating** water side +25°C to +50°C
- › Communication to the building management system via RTD-W module
- › Hydraulic module with integrated pump and without pump available



- › Expansion vessel, flow controller, water filter, shut-off valve, drain/filling valve, control panel included

Unit size (without pump)		EWYQ-CWN	016	021	025	032	040	050	064	
Price		Lei	42.275,-	49.771,-	56.138,-	64.740,-	85.616,-	95.386,-	110.167,-	
Unit size (with standard pump)		EWYQ-CWP	016	021	025	032	040	050	064	
Price		Lei	46.326,-	53.944,-	60.408,-	70.267,-	91.501,-	101.422,-	116.433,-	
Unit size (with high lift pump)		EWYQ-CWH	016	021	025	032	040	050	064	
Price		Lei	47.902,-	55.519,-	61.984,-	70.733,-	93.724,-	103.644,-	118.674,-	
Cooling capacity (MAX) ⁽³⁾ EWYQ - CWN ⁽¹⁾ / CWP ⁽²⁾		kW	20,0 / 20,02	25,0 / 25,2	30,1 / 30,3	37,6 / 37,8	50,1 / 50,3	60,1 / 60,3	75,2 / 75,3	
Cooling capacity (nominal) ⁽³⁾ EWYQ - CWN ⁽¹⁾ / CWP ⁽²⁾		kW	16,8 / 17,0	21,0 / 21,2	25,1 / 25,5	31,6 / 31,8	42,1 / 42,3	50,5 / 50,7	63,2 / 63,3	
ESEER (nominal) EWYQ - CWP ⁽¹⁾ / CWP ⁽²⁾			4,37 / 4,85	4,26 / 4,70	4,17 / 4,57	3,87 / 4,10	4,28 / 4,40	4,18 / 4,36	3,87 / 4,05	
Heating capacity (MAX) ⁽⁴⁾ EWYQ - CWN ⁽¹⁾ / CWP ⁽²⁾		kW	20,0 / 19,8	25,0 / 24,8	29,9 / 29,7	37,4 / 37,2	49,9 / 49,7	59,9 / 59,7	74,9 / 74,7	
Heating capacity (nominal) ⁽⁴⁾ EWYQ - CWN ⁽¹⁾ / CWP ⁽²⁾		kW	16,8 / 16,6	21,0 / 20,8	25,1 / 24,9	31,4 / 31,2	41,9 / 41,7	50,3 / 50,1	62,9 / 62,7	
COP (nominal) EWYQ - CWN / CWP			3 / 3,02	3,05 / 3,07	2,87 / 2,91	2,91 / 2,93	3,06 / 3,03	2,87 / 2,88	2,91 / 2,93	
Space heating	Average climate water outlet 35°C	General ηs (Seasonal space heating efficiency) %	147(1)/144(2)	148(1)/154(2)	138(1)/139(2)	135(1)/138(2)	149(1)/149(2)	139(1)/139(2)	135(1)/138(2)	
			SCOP	3,75(1)/3,68(2)	3,78(1)/3,93(2)	3,53(1)/3,55(2)	3,45(1)/3,53(2)	3,80(1)/3,80(2)	3,55(1)/3,55(2)	3,45(1)/3,53(2)
			Seasonal space heating eff. class	A+(1)/A+(2)	A++(1)/A++(2)	A+(1)/A+(2)	A+(1)/A+(2)	A+(1)/A+(2)	A+(1)/A+(2)	A+(1)/A+(2)
Sound power level		dB(A)	78	78	78	80	81	81	83	

Options									
OP10	Evaporator electric heater	Lei	2.982,-	2.987,-	2.989,-	2.985,-	3.757,-	3.759,-	3.754,-
OPZL	Low leaving water operation down to -10 °C	Lei	2.232,-	2.238,-	2.239,-	2.235,-	2.985,-	2.987,-	2.982,-

Kit									
	Additional board for external control, on/off device, heating /cooling switch	Lei	607,-	607,-	607,-	607,-	607,-	607,-	607,-
	Additional control unit	Lei	891,-	891,-	891,-	891,-	891,-	891,-	891,-
	Digital pressure display	Lei	2.677,-	2.677,-	2.677,-	2.677,-	2.677,-	2.677,-	2.677,-
	Additional board for demand and noise reduction	Lei	2.292,-	2.292,-	2.292,-	2.292,-	2.292,-	2.292,-	2.292,-
	Modbus interface	Lei	1.906,-	1.906,-	1.906,-	1.906,-	1.906,-	1.906,-	1.906,-

Notes:

(1) EWYQ-CWN: Version without pump

(2) EWYQ-CWP: Version with pump

(3) Cooling: Ta DB/WB 35°C - LWE 7°C (DT = 5°C) data according EN 14511: 2011


(4) Heating: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C), data according EN 14511: 2011

SEHVX-BW





- › Inverter controlled swing compressors with refrigerant R410a
- › Wide operation range, ambient temperature in heating down to -15°C
- › No buffer tank required for standard applications
- › Application range **cooling** air side -5°C to +43°C
- › Application range **cooling** water side +5°C to +20°C
- › Application range **heating** air side -15°C to +35°C
- › Application range **heating** water side +25°C to +50°C
- › Communication to the building management system via RTD-W module
- › Hydraulic module with integrated pump and without pump available
- › Expansion vessel, flow controller, water filter, shut-off valve, drain/filling valve, control panel included



- › Distance between outdoor and indoor unit: max 30 meters
- › Height difference between outdoor and indoor unit: max 10 meters

Unit size		20	32	40	64
Indoor unit		1x SEHVX20BW	1x SEHVX32BW	1x SEHVX40BW	1x SEHVX64BW
Outdoor Units		1x SERHQ020BW1	1x SERHQ032BW1	2x SERHQ020BW1	2x SERHQ032BW1
Indoor unit Price per each	Lei	22.037,-	24.628,-	25.823,-	26.290,-
Outdoor unit Price per each	Lei	32.977,-	46.448,-	32.977,-	46.448,-
Unit Price per each (indoor + outdoor(s))	Lei	55.015,-	71.077,-	91.778,-	119.186,-
Cooling Capacity (nominal) ⁽¹⁾	kW	21,2	31,8	42,3	63,3
Cooling Capacity (maximum) ⁽¹⁾	kW	25,2	37,8	50,3	75,3
EER		2,84	2,50	2,80	2,48
ESEER		4,70	4,10	4,40	4,05
Heating Capacity (nominal) ⁽²⁾	kW	20,8	31,2	41,7	62,7
Heating Capacity (maximum) ⁽²⁾	kW	24,8	37,2	49,7	74,7
COP		3,07	2,93	3,03	2,93
Space heating  Average climate water outlet 35°C	ηs (Seasonal space heating efficiency) %	154	138	149	138
		SCOP	3,93	3,53	3,80
	Seasonal space heating eff. class	A++	A+	A+	A+
Sound power level (outdoor unit / each)	dB(A)	78	80	81	83

Standard Options		SEHVX20BW	SEHVX32BW	SEHVX40BW	SEHVX64BW
Standard Hydraulic package	Lei	including as standard	including as standard	including as standard	including as standard
One centrifugal pump					

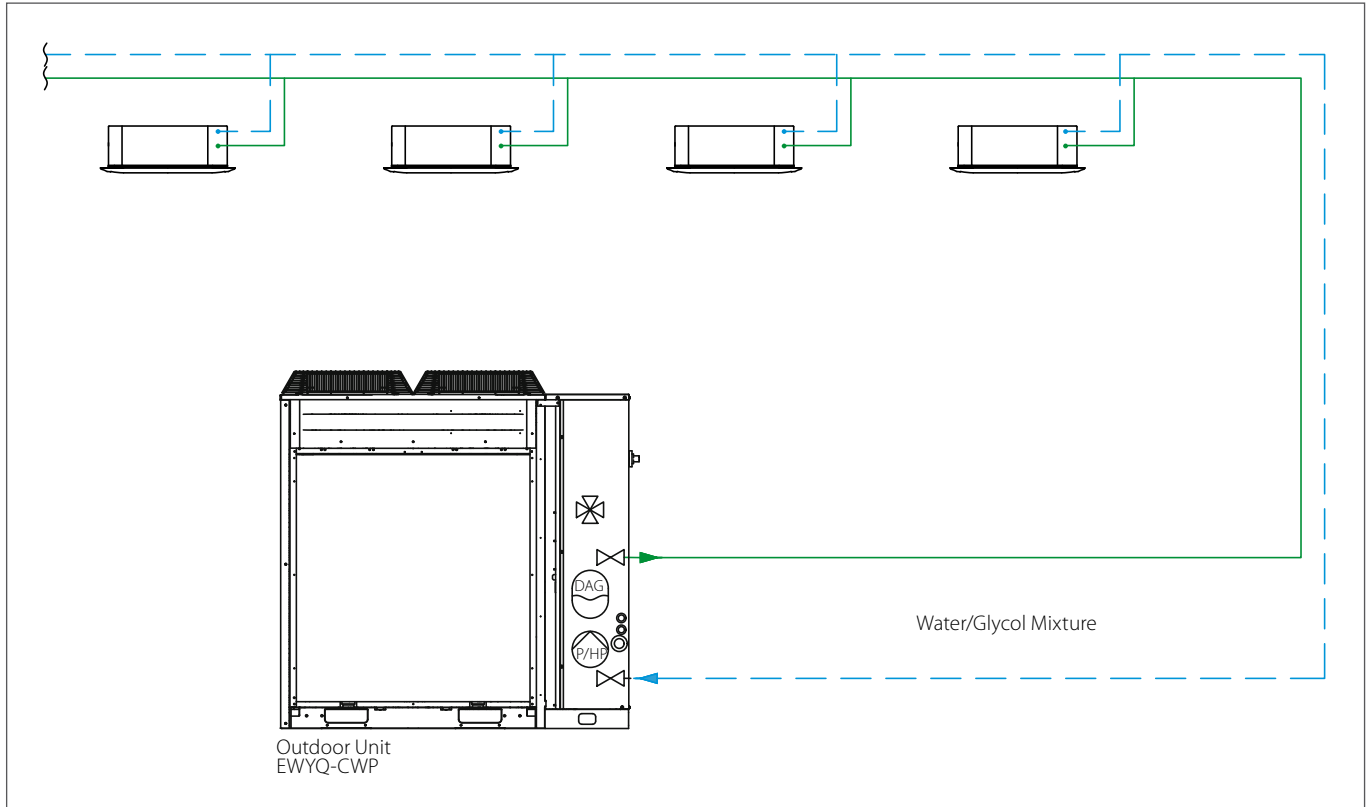
Kit	Design size	020	032	040	064
 EKRP1AHT Additional board for external control, on/off device, heating /cooling switch	Lei	607,-	607,-	607,-	607,-
 DTA104A62 Additional board for demand and noise reduction	Lei	2.292,-	2.292,-	2.292,-	2.292,-
 RTD-W Modbus interface	Lei	1.906,-	1.906,-	1.906,-	1.906,-
 EKCC-W Additional module for cascade control of up to 16 EWAQ ** devices including power supply	Lei	3.639,-	3.639,-	3.639,-	3.639,-

Notes:

- (1) Cooling: Ta DB/WB 35°C - LWE 7°C (DT = 5°C) data according EN 14511: 2011
 (2) Heating: Ta DB/WB 7/6°C - LWC 35°C (DT = 5°C), data according EN 14511: 2011

EWYQ-CWP

An example scheme of the hydronic connection for the unit EWYQ-CWP is shown below. In the picture 1 the unit is equipped with a standard pump.



Picture 1

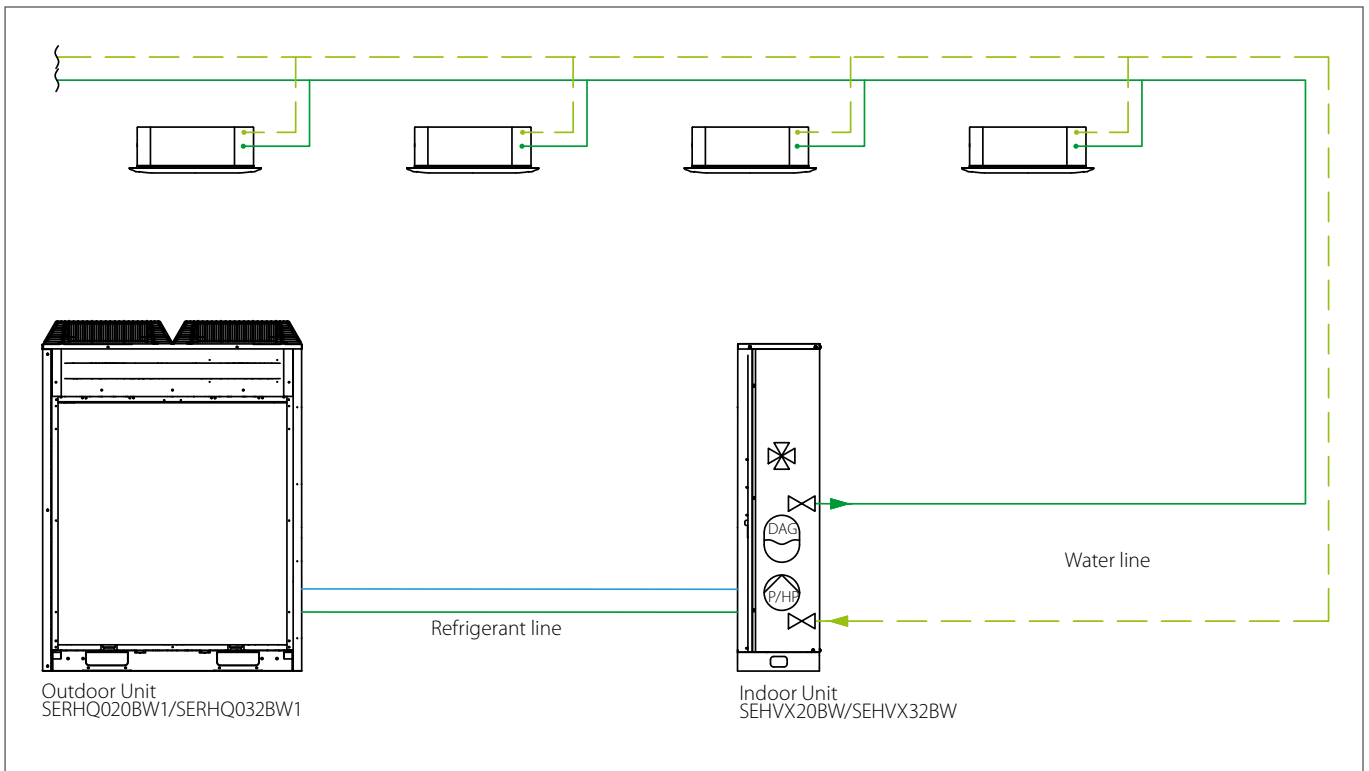
SEHVX-BW

An example scheme of the hydronic connections for the units **SEHVX-BW/ SERHQ-BW1** is shown in Picture 2 & Picture 3.

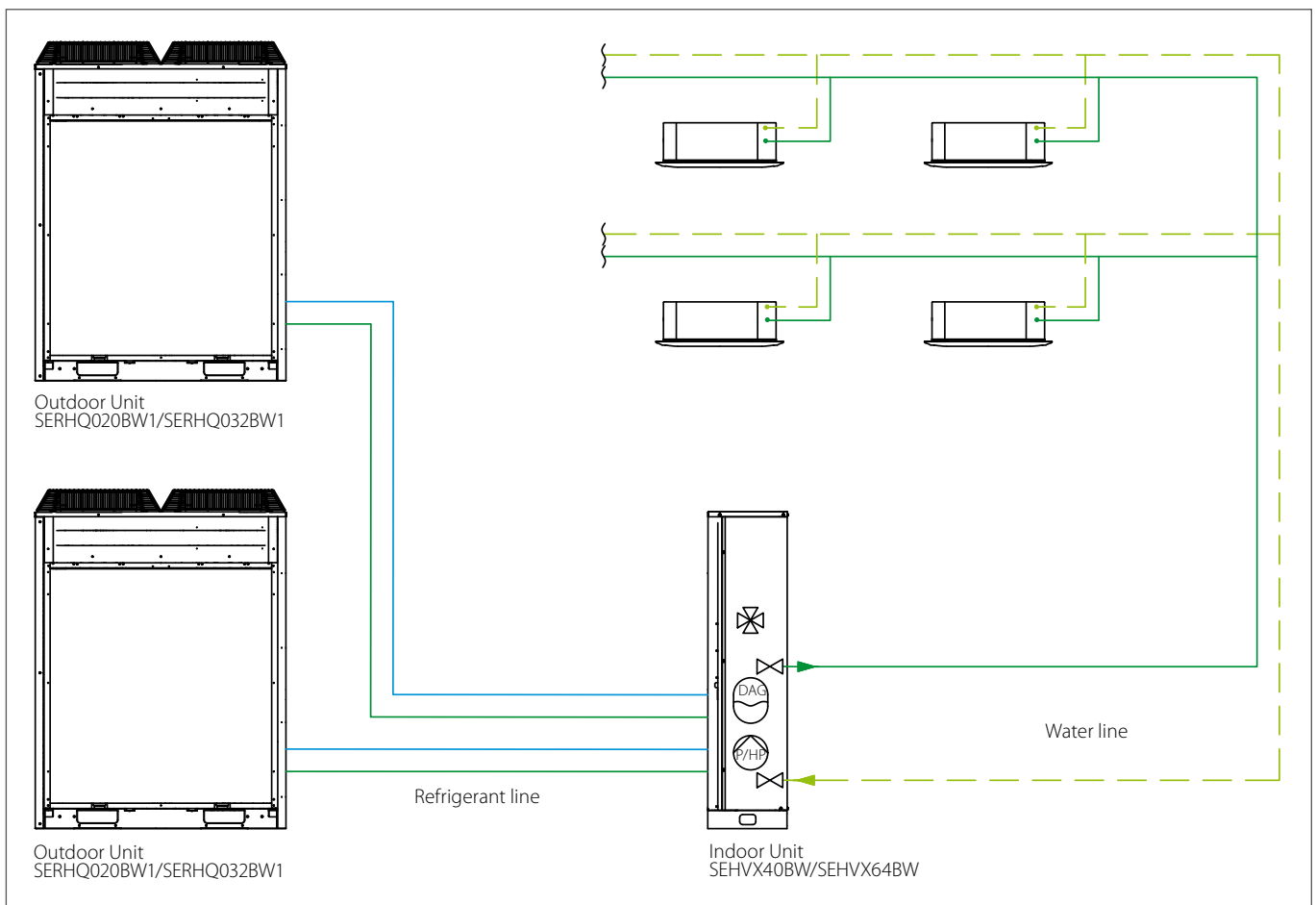
Picture 2 – outdoor unit **SERHQ020/032BW1** (size 20 or 32) with the hydronic connection to the related indoor unit SEHVX20/32BW.

Picture 3 - two outdoor units **SERHQ020/032BW1** (size 40 or 64) with the hydronic connection to the related indoor unit SEHVX40/64BW.

As seen from the scheme, these materials consist of two outdoor units.



Picture 2



Picture 3

Air cooled chiller

EWAQ-G/ EWYQ-G

- > Compact Air Cooled chiller with Scroll compressors
- > Refrigerant R410A
- > Evaporator as plate heat exchanger
- > Condenser as Microchannel heat exchanger
- > Certified by Eurovent
- > High efficiency rating – Eurovent rating Class A
- > Reduced noise
- > Electronic expansion valve
- > Sequential control for Master/Slave function by default
- > Partial heat recovery optionally available
- > Total heat recovery optionally available

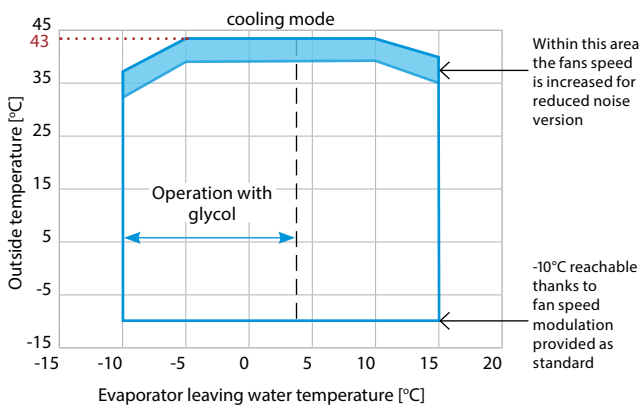


Standard equipment:

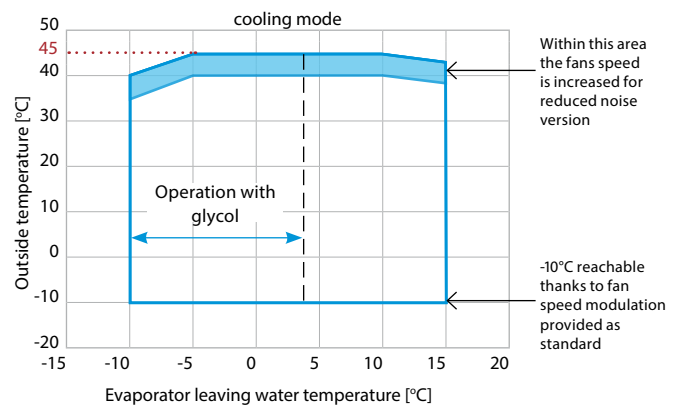
- > Main switch
- > Master/Slave Control
- > Direct start
- > Ventilator speed control (phase modulation)
- > Double setpoint value
- > Evaporator electric heater
- > Electronic expansion valve
- > Operating hours counter
- > Accumulative fault message

Operating limits, cooling only models:

EWAQ G SS/SR – cooling only, standard efficiency

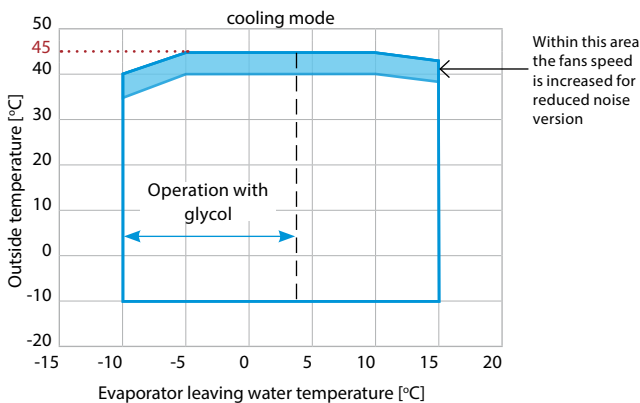


EWAQ G XS/XR – cooling only, high efficiency

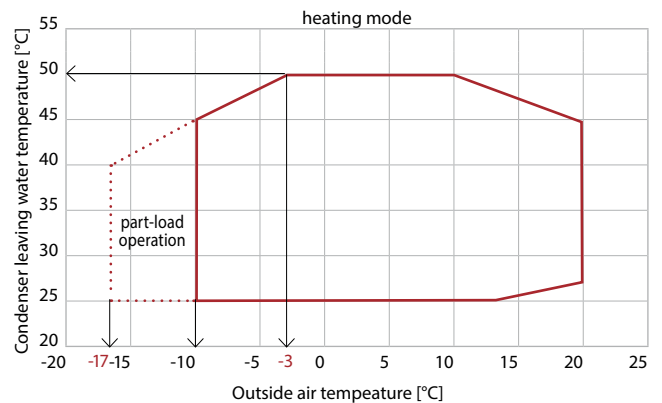


Operating limits, heat pump models:

EWYQ G XS/XR – heat pump, high efficiency



EWYQ G XS/XR - heat pump, high efficiency



EWAQ-G-SS

Standard efficiency rating, standard noise level

- › Single refrigerant circuit (2 scroll compressors) with single evaporator
- › Reduced amount of refrigerant tanks to micro channel heat exchanger technology
- › Partial and total heat recovery option available
- › Stainless steel plate heat exchanger
- › MicroTech III controller with superior control logic and easy interface



Type of unit (rated power in accordance with EN14511)	EWAQ -G-SS	075	085	100	110	120	140	155
Price	Lei	79.035,-	85.439,-	93.584,-	96.949,-	101.905,-	114.464,-	122.161,-
Commissioning by DAIKIN service (net price)	Lei	2.910,-	2.910,-	2.910,-	3.484,-	3.484,-	3.484,-	3.484,-
Cooling capacity	kW	74,7	84,2	96,7	107	117	139	154
Power input	kW	27,7	31,2	35,0	39,5	43,4	51,1	57,2
Refrigerant circuit		1	1	1	1	1	1	1
Compressors		2	2	2	2	2	2	2
EER		2,70	2,70	2,76	35,0	2,76	2,73	2,7
ESEER		4,26	4,45	4,27	4,33	4,12	4,39	4,23
Length	mm	2.140	2.680	2.680	2.680	3.200	3.200	3.200
Width	mm	1.195	1.195	1.195	1.195	1.195	1.195	1.195
Height	mm	1.800	1.800	1.800	1.800	1.800	1.800	1.800
Weight of unit / Operating weight	kg	681/692	792/802	953/963	923/934	982/993	1.037/1.054	1.066/1.085
Sound power / Sound pressure (at 1m)	dB(A)	83/66	85/68	87/69	89/71	89/71	89/71	89/71
Buffer tank volume / option (OP 134/135/136/137)	liter	75	175	175	175	250	250	250

Optional accessories for chiller:

Code	Type of unit	EWAQ -G-SS	075	085	100	110	120	140	155
Mechanical									
20	Evaporator victaulic kit	Lei				Standard			
29	20mm evaporator insulation	Lei							
01a	Total heat recovery (including expansion card pol965)	Lei	13.468,-	13.468,-	13.532,-	14.734,-	14.734,-	14.734,-	15.514,-
03	Partial heat recovery	Lei	4.873,-	4.873,-	4.873,-	4.967,-	4.967,-	5.815,-	5.815,-
08	Brine version	Lei	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-
126	Discharge and suction line shut-off valve	Lei	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-
127	High and low pressure side manometers	Lei	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-
138	Condenser coil guard	Lei	1.872,-	2.067,-	2.067,-	2.067,-	2.245,-	2.245,-	2.245,-
78	One centrifugal pump (low lift)	Lei	9.498,-	10.117,-	10.117,-	10.117,-	10.566,-	11.241,-	11.241,-
79	One centrifugal pump (high lift)	Lei	11.465,-	12.364,-	12.364,-	12.364,-	12.818,-	12.818,-	12.818,-
80	Two centrifugal pump (low lift)	Lei	15.483,-	16.736,-	16.736,-	16.736,-	16.736,-	17.236,-	17.236,-
81	Two centrifugal pump (high lift)	Lei	18.189,-	19.636,-	19.636,-	19.636,-	20.010,-	20.010,-	20.010,-
134	One centrifugal pump (low lift) + tank	Lei	14.859,-	15.932,-	15.932,-	15.932,-	17.805,-	18.513,-	18.513,-
135	One centrifugal pump (high lift) + tank	Lei	16.831,-	18.179,-	18.179,-	18.179,-	20.087,-	20.087,-	20.087,-
136	Two centrifugal pump (low lift) + tank	Lei	23.723,-	24.807,-	24.807,-	24.807,-	25.108,-	25.481,-	25.481,-
137	Two centrifugal pump (high lift) + tank	Lei	25.676,-	27.108,-	27.108,-	27.108,-	27.484,-	27.484,-	27.484,-
91	Double pressure relief valve with diverter	Lei	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-
139	E-coating microchannel coils	Lei	3.524,-	5.191,-	5.191,-	5.191,-	6.788,-	6.788,-	6.788,-
115	Water filter	Lei	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-
Electrical / Control									
04	Direct on line starter (dol)	Lei							
10	Double setpoint	Lei							
57	Evaporator electric heater	Lei							
60	Electronic expansion valve	Lei							
67	Ambient outside temperature sensor and setpoint reset	Lei				Standard			
68	Hour run meter	Lei							
69	General fault contactor	Lei							
97	Main switch interlock door	Lei							
128	Master/Slave	Lei							
06	Soft starter	Lei	7.443,-	7.443,-	7.443,-	7.443,-	7.697,-	8.321,-	8.939,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-
17	Capacitors for power factor correction	Lei	2.869,-	2.869,-	2.869,-	2.869,-	2.869,-	3.190,-	3.748,-
58	Evaporator flow switch	Lei	975,-	975,-	975,-	975,-	975,-	975,-	975,-
95	Compressors circuit breakers	Lei	1.318,-	1.372,-	1.423,-	1.423,-	1.423,-	1.617,-	1.796,-
96	Fans circuit breakers	Lei	748,-	748,-	748,-	748,-	748,-	748,-	748,-
Installation									
75	Rubber anti vibration mounts	Lei	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-
77	Spring anti vibration mounts	Lei	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-
83	External tank without cabinet (500 l)	Lei	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-
84	External tank without cabinet (1000 l)	Lei	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-
87	External tank with cabinet (500 l)	Lei	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-
88	External tank with cabinet (1000 l)	Lei	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-
Communication cards / Accessories									
	EKCM200J BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
	EKMBACMSTP BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
	EKMLON BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWAQ-G-SR

Standard efficiency rating, reduced noise level



Type of unit (rated power in accordance with EN14511)	EWAQ-G-SR	075	085	100	110	120	140	155
Price	Lei	84.586,-	91.433,-	100.147,-	103.746,-	109.048,-	122.485,-	130.726,-
Commissioning by DAIKIN service (net price)	Lei	2.910,-	2.910,-	2.910,-	3.484,-	3.484,-	3.484,-	3.484,-
Cooling capacity	kW	69,3	78,9	91,0	99,7	109	130	143
Power input	kW	29,4	33,1	36,8	42,0	46,3	54,0	61,2
Refrigerant circuit		1	1	1	1	1	1	1
Compressors		2	2	2	2	2	2	2
EER		2,36	2,38	2,47	2,38	2,35	2,42	2,34
ESEER		3,94	4,12	3,94	4,02	3,74	4,12	3,88
Length	mm	2.140	2.680	2.680	2.680	3.200	3.200	3.200
Width	mm	1.195	1.195	1.195	1.195	1.195	1.195	1.195
Height	mm	1.800	1.800	1.800	1.800	1.800	1.800	1.800
Weight of unit / Operating weight	kg	711/722	822/832	983/993	953/963	1.012/1.023	1.067/1.084	1.096/1.115
Sound power / Sound pressure (at 1m)	dB(A)	79/62	82/65	84/66	86/68	86/68	86/68	86/68
Buffer tank volume / option (OP 134/135/136/137)	liter	75	175	175	175	250	250	250

Optional accessories for chiller:

Code	Type of unit	EWAQ-G-SR	075	085	100	110	120	140	155
Mechanical									
20	Evaporator victaulic kit	Lei	Standard						
29	20Mm evaporator insulation	Lei	Standard						
01A	Total heat recovery (including expansion card pol965)	Lei	13.468,-	13.468,-	13.532,-	14.734,-	14.734,-	14.734,-	15.514,-
03	Partial heat recovery	Lei	4.873,-	4.873,-	4.873,-	4.967,-	4.967,-	5.815,-	5.815,-
08	Brine version	Lei	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-
126	Discharge and suction line shut-off valve	Lei	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-
127	High and low pressure side manometers	Lei	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-
138	Condenser coil guard	Lei	1.872,-	2.067,-	2.067,-	2.067,-	2.245,-	2.245,-	2.245,-
78	One centrifugal pump (low lift)	Lei	9.498,-	10.117,-	10.117,-	10.117,-	10.566,-	11.241,-	11.241,-
79	One centrifugal pump (high lift)	Lei	11.465,-	12.364,-	12.364,-	12.364,-	12.818,-	12.818,-	12.818,-
80	Two centrifugal pump (low lift)	Lei	15.483,-	16.736,-	16.736,-	16.736,-	16.736,-	17.236,-	17.236,-
81	Two centrifugal pump (high lift)	Lei	18.189,-	19.636,-	19.636,-	19.636,-	20.010,-	20.010,-	20.010,-
134	One centrifugal pump (low lift) + tank	Lei	14.859,-	15.932,-	15.932,-	15.932,-	17.805,-	18.513,-	18.513,-
135	One centrifugal pump (high lift) + tank	Lei	16.831,-	18.179,-	18.179,-	18.179,-	20.087,-	20.087,-	20.087,-
136	Two centrifugal pump (low lift) + tank	Lei	23.723,-	24.807,-	24.807,-	24.807,-	25.108,-	25.481,-	25.481,-
137	Two centrifugal pump (high lift) + tank	Lei	25.676,-	27.108,-	27.108,-	27.108,-	27.484,-	27.484,-	27.484,-
91	Double pressure relief valve with diverter	Lei	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-
139	E-coating microchannel coils	Lei	3.524,-	5.191,-	5.191,-	5.191,-	6.788,-	6.788,-	6.788,-
115	Water filter	Lei	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-
Electrical / control									
04	Direct on line starter (dol)	Lei	Standard						
10	Double setpoint	Lei	Standard						
57	Evaporator electric heater	Lei	Standard						
60	Electronic expansion valve	Lei	Standard						
67	Ambient outside temperature sensor and setpoint reset	Lei	Standard						
68	Hour run meter	Lei	Standard						
69	General fault contactor	Lei	Standard						
97	Main switch interlock door	Lei	Standard						
128	Master/Slave	Lei	Standard						
06	Soft starter	Lei	7.443,-	7.443,-	7.443,-	7.443,-	7.697,-	8.321,-	8.939,-
15A	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-
17	Capacitors for power factor correction	Lei	2.869,-	2.869,-	2.869,-	2.869,-	2.869,-	3.190,-	3.748,-
58	Evaporator flow switch	Lei	975,-	975,-	975,-	975,-	975,-	975,-	975,-
95	Compressors circuit breakers	Lei	1.318,-	1.372,-	1.423,-	1.423,-	1.423,-	1.617,-	1.796,-
96	Fans circuit breakers	Lei	748,-	748,-	748,-	748,-	748,-	748,-	748,-
Installation									
75	Rubber anti vibration mounts	Lei	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-
77	Spring anti vibration mounts	Lei	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-
83	External tank without cabinet (500 l)	Lei	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-
84	External tank without cabinet (1000 l)	Lei	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-
87	External tank with cabinet (500 l)	Lei	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-
88	External tank with cabinet (1000 l)	Lei	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM300STP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM10N	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

Air cooled chiller

EWAQ-G-XS

High efficiency rating, standard noise level

- › Single refrigerant circuit (2 scroll compressors) with single evaporator
- › Reduced amount of refrigerant tanks to micro channel heat exchanger technology
- › Partial and total heat recovery option available
- › Stainless steel plate heat exchanger
- › MicroTech III controller with superior control logic and easy interface



Type of unit (rated power in accordance with EN14511)	EWAQ-G-XS	080	090	105	115	130	150
Price	Lei	98.052,-	105.344,-	114.444,-	120.558,-	130.482,-	139.945,-
Commissioning by DAIKIN service (net price)	Lei	2.910,-	2.910,-	2.910,-	3.484,-	3.484,-	3.484,-
Cooling capacity	kW	79,8	90,3	105	117	131	149
Power input	kW	25,8	29,0	33,8	37,7	42,3	48,1
Refrigerant circuit		1	1	1	1	1	1
Compressors		2	2	2	2	2	2
EER		3,10	3,11	3,12	3,10	3,10	3,10
ESEER		4,2	4,3	4,28	4,34	4,22	4,36
Length	mm	2.680	3.200	3.200	3.200	3.800	3.800
Width	mm	1.195	1.195	1.195	1.195	1.195	1.195
Height	mm	1.800	1.800	1.800	1.800	1.820	1.820
Weight of unit / Operating weight	kg	734/744	850/860	1.020/1.035	991/1.007	1.086/1.102	1.123/1.144
Sound power / Sound pressure (at 1m)	dB(A)	84/66	85/68	87/69	89/71	89/71	89/71
Buffer tank volume / option (OP 134/135/136/137)	liter	75	175	175	175	250	250

Optional accessories for chiller:

Code	Type of unit	EWAQ-G-XS	080	090	105	115	130	150
Mechanical								
20	Evaporator victaulic kit	Lei						
29	20Mm evaporator insulation	Lei						
01a	Total heat recovery (including expansion card pol965)	Lei	13.468,-	13.468,-	13.532,-	14.734,-	14.734,-	14.734,-
03	Partial heat recovery	Lei	4.873,-	4.873,-	4.873,-	4.967,-	4.967,-	5.815,-
08	Brine version	Lei	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-
126	Discharge and suction line shut-off valve	Lei	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-
127	High and low pressure side manometers	Lei	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-
138	Condenser coil guard	Lei	2.067,-	2.245,-	2.245,-	2.245,-	2.815,-	2.815,-
78	One centrifugal pump (low lift)	Lei	10.117,-	10.566,-	10.566,-	10.566,-	11.689,-	11.689,-
79	One centrifugal pump (high lift)	Lei	12.364,-	12.818,-	12.818,-	12.818,-	13.642,-	13.642,-
80	Two centrifugal pump (low lift)	Lei	16.736,-	16.736,-	16.736,-	16.736,-	17.915,-	17.915,-
81	Two centrifugal pump (high lift)	Lei	19.636,-	20.010,-	20.010,-	20.010,-	20.580,-	20.580,-
134	One centrifugal pump (low lift) + tank	Lei	15.932,-	17.805,-	17.805,-	17.805,-	18.927,-	18.927,-
135	One centrifugal pump (high lift) + tank	Lei	18.179,-	20.087,-	20.087,-	20.087,-	20.908,-	20.908,-
136	Two centrifugal pump (low lift) + tank	Lei	24.807,-	25.108,-	25.108,-	25.108,-	25.976,-	25.976,-
137	Two centrifugal pump (high lift) + tank	Lei	27.108,-	27.484,-	27.484,-	27.484,-	27.923,-	28.296,-
91	Double pressure relief valve with diverter	Lei	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-
139	E-coating microchannel coils	Lei	5.191,-	6.788,-	6.788,-	6.788,-	8.619,-	8.619,-
115	Water filter	Lei	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-
Electrical / Control								
04	Direct on line starter (dol)	Lei						
10	Double setpoint	Lei						
57	Evaporator electric heater	Lei						
60	Electronic expansion valve	Lei						
67	Ambient outside temperature sensor and setpoint reset	Lei						
68	Hour run meter	Lei						
69	General fault contactor	Lei						
97	Main switch interlock door	Lei						
128	Master/Slave	Lei						
06	Soft starter	Lei	7.443,-	7.443,-	7.443,-	7.443,-	7.697,-	8.321,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-
17	Capacitors for power factor correction	Lei	2.869,-	2.869,-	2.869,-	2.869,-	2.869,-	3.190,-
58	Evaporator flow switch	Lei	975,-	975,-	975,-	975,-	975,-	975,-
95	Compressors circuit breakers	Lei	1.318,-	1.372,-	1.423,-	1.423,-	1.423,-	1.617,-
96	Fans circuit breakers	Lei	748,-	748,-	748,-	748,-	748,-	748,-
Installation								
75	Rubber anti vibration mounts	Lei	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-
77	Spring anti vibration mounts	Lei	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-
83	External tank without cabinet (500 l)	Lei	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-
84	External tank without cabinet (1000 l)	Lei	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-
87	External tank with cabinet (500 l)	Lei	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-
88	External tank with cabinet (1000 l)	Lei	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCMMLON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWAQ-G-XR

High efficiency rating, reduced noise level



Type of unit (rated power in accordance with EN14511)	EWAQ-G-XR	080	090	105	115	130	150
Price	Lei	103.597,-	111.339,-	121.008,-	127.357,-	137.624,-	147.966,-
Commissioning by DAIKIN service (net price)	Lei	2.910,-	2.910,-	2.910,-	3.484,-	3.484,-	3.484,-
Cooling capacity	kW	76,0	86,0	100	110	125	141
Power input	kW	26,4	29,9	34,7	39,0	43,3	49,8
Refrigerant circuit		1	1	1	1	1	1
Compressors		2	2	2	2	2	2
EER		2,88	2,88	2,89	2,83	2,88	2,83
ESEER		4,18	4,29	4,27	4,21	4,31	4,33
Length	mm	2.860	3.200	3.200	3.200	3.800	3.800
Width	mm	1.195	1.195	1.195	1.195	1.195	1.195
Height	mm	1.800	1.800	1.800	1.800	1.820	1.820
Weight of unit / Operating weight	kg	764/774	880/890	1.050/1.065	1.021/1.037	1.116/1.132	1.153/1.174
Sound power / Sound pressure (at 1m)	dB(A)	80/62	82/65	84/66	86/68	86/67	86/67
Buffer tank volume / option (OP 134/135/136/137)	liter	75	175	175	175	250	250

Optional accessories for chiller:

Code	Type of unit	EWAQ-G-XR	080	090	105	115	130	150
Mechanical								
20	Evaporator victaulic kit	Lei	Standard					
29	20mm evaporator insulation	Lei	Standard					
01a	Total heat recovery (including expansion card po1965)	Lei	13.468,-	13.468,-	13.532,-	14.734,-	14.734,-	14.734,-
03	Partial heat recovery	Lei	4.873,-	4.873,-	4.873,-	4.967,-	4.967,-	5.815,-
08	Brine version	Lei	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-	2.067,-
126	Discharge and suction line shut-off valve	Lei	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-
127	High and low pressure side manometers	Lei	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-	1.124,-
138	Condenser coil guard	Lei	2.067,-	2.245,-	2.245,-	2.245,-	2.815,-	2.815,-
78	One centrifugal pump (low lift)	Lei	10.117,-	10.566,-	10.566,-	10.566,-	11.689,-	11.689,-
79	One centrifugal pump (high lift)	Lei	12.364,-	12.818,-	12.818,-	12.818,-	13.642,-	13.642,-
80	Two centrifugal pump (low lift)	Lei	16.736,-	16.736,-	16.736,-	16.736,-	17.915,-	17.915,-
81	Two centrifugal pump (high lift)	Lei	19.636,-	20.010,-	20.010,-	20.010,-	20.580,-	20.580,-
134	One centrifugal pump (low lift) + tank	Lei	15.932,-	17.805,-	17.805,-	17.805,-	18.927,-	18.927,-
135	One centrifugal pump (high lift) + tank	Lei	18.179,-	20.087,-	20.087,-	20.087,-	20.908,-	20.908,-
136	Two centrifugal pump (low lift) + tank	Lei	24.807,-	25.108,-	25.108,-	25.108,-	25.976,-	25.976,-
137	Two centrifugal pump (high lift) + tank	Lei	27.108,-	27.484,-	27.484,-	27.484,-	27.923,-	28.296,-
91	Double pressure relief valve with diverter	Lei	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-	4.123,-
139	E-coating microchannel coils	Lei	5.191,-	6.788,-	6.788,-	6.788,-	8.619,-	8.619,-
115	Water filter	Lei	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-	2.163,-
Electrical / Control								
04	Direct on line starter (dol)	Lei	Standard					
10	Double setpoint	Lei	Standard					
57	Evaporator electric heater	Lei	Standard					
60	Electronic expansion valve	Lei	Standard					
67	Ambient outside temperature sensor and setpoint reset	Lei	Standard					
68	Hour run meter	Lei	Standard					
69	General fault contactor	Lei	Standard					
97	Main switch interlock door	Lei	Standard					
128	Master/Slave	Lei	Standard					
06	Soft starter	Lei	7.443,-	7.443,-	7.443,-	7.443,-	7.697,-	8.321,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card po1965)	Lei	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-	1.692,-
17	Capacitors for power factor correction	Lei	2.869,-	2.869,-	2.869,-	2.869,-	2.869,-	3.190,-
58	Evaporator flow switch	Lei	975,-	975,-	975,-	975,-	975,-	975,-
95	Compressors circuit breakers	Lei	1.318,-	1.372,-	1.423,-	1.423,-	1.423,-	1.617,-
96	Fans circuit breakers	Lei	748,-	748,-	748,-	748,-	748,-	748,-
Installation								
75	Rubber anti vibration mounts	Lei	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-	1.703,-
77	Spring anti vibration mounts	Lei	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-	5.341,-
83	External tank without cabinet (500 l)	Lei	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-	13.167,-
84	External tank without cabinet (1000 l)	Lei	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-	17.580,-
87	External tank with cabinet (500 l)	Lei	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-	19.377,-
88	External tank with cabinet (1000 l)	Lei	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-	24.828,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCMMLON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWYQ-G-XS

High efficiency rating, standard noise level

- › Compact design
- › Partial and total heat recovery option available
- › Stainless steel plate heat exchanger
- › MicroTech III controller with superior control logic and easy interface



Type of unit (rated power in accordance with EN14511)	EWYQ-G-XS	075	085	100	110	120	140	160	
Price	Lei	98.186,-	107.829,-	119.710,-	130.577,-	137.754,-	151.576,-	163.023,-	
Commissioning by DAIKIN service (net price)	Lei	2.910,-	2.910,-	2.910,-	3.484,-	3.484,-	3.484,-	3.484,-	
Cooling capacity	kW	77,8	88,1	101	117	127	147	165	
Power input (cooling)	kW	27,0	31,5	36,0	39,5	44,7	50,2	57,8	
Heating capacity	kW	82,2	91,2	110	127	138	156	170	
Power input (heating)	kW	26,0	29,0	34,0	39,0	43,0	50,0	54,0	
Refrigerant circuit		1	1	1	1	1	1	1	
Compressors		2	2	2	2	2	2	2	
EER		2,88	2,80	2,81	2,97	2,84	2,92	2,85	
ESEER		3,9	3,94	3,97	4,03	3,92	3,96	3,96	
COP		3,14	3,12	3,24	3,25	3,2	3,11	3,13	
Length x Width x Height	mm	2.826 x 1.195 x 1.800			3.426 x 1.195 x 1.800		4.026 x 1.195 x 1.800		
Weight of unit / Operating weight	kg	850/858	912/921	1.077/1.088	1.183/1.194	1.213/1.224	1.333/1.344	1.394/1.411	
Space heating Average climate water outlet 35°C	ns (Seasonal space heating efficiency) SCOP	%	131	129	142	140	142	138	140
Sound power / Sound pressure (at 1m)	dB(A)	84/ 66	85/ 68	87/ 70	89/71	89/71	89/71	89/71	
Buffer tank volume / option (OP 134/135/136/137)	liter	75	175	175	175	250	250	250	

Optional accessories for chiller:

Code	Type of unit	EWYQ-G-XS	075	085	100	110	120	140	160
Mechanical									
20	Evaporator victaulic kit	Lei							
29	20mm evaporator insulation	Lei				Standard			
49	Alucoat fins coil	Lei							
03	Partial heat recovery	Lei	4.920,-	4.920,-	4.920,-	5.016,-	5.016,-	5.873,-	5.873,-
08	Brine version	Lei	2.087,-	2.087,-	2.087,-	2.087,-	2.087,-	2.087,-	2.087,-
126	Discharge and suction line shut-off valve	Lei	3.483,-	3.483,-	3.483,-	3.483,-	3.483,-	3.483,-	3.483,-
127	High and low pressure side manometers	Lei	1.135,-	1.135,-	1.135,-	1.135,-	1.135,-	1.135,-	1.135,-
138	Condenser coil guard	Lei	2.087,-	2.087,-	2.087,-	2.269,-	2.269,-	2.843,-	2.843,-
78	One centrifugal pump (low lift)	Lei	10.217,-	10.217,-	10.217,-	10.671,-	10.671,-	11.806,-	11.806,-
79	One centrifugal pump (high lift)	Lei	12.486,-	12.486,-	12.486,-	12.943,-	12.943,-	13.776,-	13.776,-
80	Two centrifugal pump (low lift)	Lei	16.901,-	16.901,-	16.901,-	16.901,-	16.901,-	18.091,-	18.091,-
81	Two centrifugal pump (high lift)	Lei	19.830,-	19.830,-	19.830,-	20.207,-	20.207,-	20.783,-	20.783,-
134	One centrifugal pump (low lift) + tank	Lei	16.090,-	16.090,-	16.090,-	17.980,-	17.980,-	19.114,-	19.114,-
135	One centrifugal pump (high lift) + tank	Lei	18.357,-	18.357,-	18.357,-	20.283,-	20.283,-	21.115,-	21.115,-
136	Two centrifugal pump (low lift) + tank	Lei	25.051,-	25.051,-	25.051,-	25.355,-	25.355,-	26.231,-	26.231,-
137	Two centrifugal pump (high lift) + tank	Lei	27.375,-	27.375,-	27.375,-	27.754,-	27.754,-	28.576,-	28.576,-
91	Double pressure relief valve with diverter	Lei	4.164,-	4.164,-	4.164,-	4.164,-	4.164,-	4.164,-	4.164,-
115	Water filter	Lei	2.183,-	2.183,-	2.183,-	2.183,-	2.183,-	2.183,-	2.183,-
114	Nordic kit	Lei	4.164,-	4.164,-	4.164,-	4.920,-	4.920,-	5.675,-	5.675,-
Electrical / Control									
04	Direct on line starter (dol)	Lei							
10	Double setpoint	Lei							
57	Evaporator electric heater	Lei							
60	Electronic expansion valve	Lei							
67	Ambient outside temperature sensor and setpoint reset	Lei				Standard			
68	Hour run meter	Lei							
69	General fault contactor	Lei							
97	Main switch interlock door	Lei							
128	Master/Slave	Lei							
06	Soft starter	Lei	7.515,-	7.515,-	7.515,-	7.515,-	7.773,-	8.402,-	9.027,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.709,-	1.709,-	1.709,-	1.709,-	1.709,-	1.709,-	1.709,-
17	Capacitors for power factor correction	Lei	2.898,-	2.898,-	2.898,-	2.898,-	2.898,-	3.222,-	3.786,-
58	Evaporator flow switch	Lei	984,-	984,-	984,-	984,-	984,-	984,-	984,-
95	Compressors circuit breakers	Lei	1.331,-	1.386,-	1.437,-	1.437,-	1.437,-	1.633,-	1.814,-
96	Fans circuit breakers	Lei	757,-	757,-	757,-	757,-	757,-	757,-	757,-
Installation									
75	Rubber anti vibration mounts	Lei	1.719,-	1.719,-	1.719,-	1.719,-	1.719,-	1.719,-	1.719,-
77	Spring anti vibration mounts	Lei	5.394,-	5.394,-	5.394,-	5.394,-	5.394,-	5.394,-	5.394,-
83	External tank without cabinet (500 l)	Lei	13.297,-	13.297,-	13.297,-	13.297,-	13.297,-	13.297,-	13.297,-
84	External tank without cabinet (1000 l)	Lei	17.754,-	17.754,-	17.754,-	17.754,-	17.754,-	17.754,-	17.754,-
87	External tank with cabinet (500 l)	Lei	19.568,-	19.568,-	19.568,-	19.568,-	19.568,-	19.568,-	19.568,-
88	External tank with cabinet (1000 l)	Lei	25.072,-	25.072,-	25.072,-	25.072,-	25.072,-	25.072,-	25.072,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCMML0N	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWYQ-G-XR

High efficiency rating, reduced noise level



Type of unit (rated power in accordance with EN14511)	EWYQ-G-XR	075	085	100	110	120	140	160	
Price	Lei	103.786,-	113.884,-	126.338,-	137.443,-	144.968,-	159.673,-	171.125,-	
Commissioning by DAIKIN service (net price)	Lei	2.910,-	2.910,-	2.910,-	3.484,-	3.484,-	3.484,-	3.484,-	
Cooling capacity	kW	75,2	84,5	95	111	120	139	155	
Power input	kW	27,7	32,7	38,6	41,5	47,4	52,8	61,5	
Heating capacity	kW	82,2	91,2	110	127	138	156	170	
Power input (heating)	kW	26	29	34	39	43	50	54	
Refrigerant circuit		1	1	1	1	1	1	1	
Compressors		2	2	2	2	2	2	2	
EER		2,71	2,59	2,46	2,68	2,52	2,64	2,51	
ESEER		3,85	3,9	3,79	3,92	3,76	3,86	3,79	
COP		3,14	3,12	3,24	3,25	3,2	3,11	3,13	
Length x Width x Height	mm	2.826 x 1.195 x 1.800			3.426 x 1.195 x 1.800		4.026 x 1.195 x 1.800		
Weight of unit / Operating weight	kg	880/888	942/951	1.107/1.118	1.233/1.224	1.243/1.254	1.363/1.374	1.424/1.441	
Space heating Average climate water outlet 35°C	ηs (Seasonal space heating efficiency) SCOP	%	131	129	142	140	142	138	140
			3,35	3,31	3,62	3,58	3,63	3,53	3,58
Sound power / Sound pressure (at 1m)	dB(A)	80/62	82/65	84/66	86/68	86/68	86/67	86/67	
Buffer tank volume / option (OP 134/135/136/137)	liter	75	175	175	175	250	250	250	

Optional accessories for chiller:

Code	Type of unit	EWYQ-G-XR	075	085	100	110	120	140	160
Mechanical									
20	Evaporator victaulic kit	Lei							
29	20mm evaporator insulation	Lei				Standard			
49	Alucoat fins coil	Lei							
03	Partial heat recovery	Lei	4.920,-	4.920,-	4.920,-	5.016,-	5.016,-	5.873,-	5.873,-
08	Brine version	Lei	2.087,-	2.087,-	2.087,-	2.087,-	2.087,-	2.087,-	2.087,-
126	Discharge and suction line shut-off valve	Lei	3.483,-	3.483,-	3.483,-	3.483,-	3.483,-	3.483,-	3.483,-
127	High and low pressure side manometers	Lei	1.135,-	1.135,-	1.135,-	1.135,-	1.135,-	1.135,-	1.135,-
138	Condenser coil guard	Lei	2.087,-	2.087,-	2.087,-	2.269,-	2.269,-	2.843,-	2.843,-
78	One centrifugal pump (low lift)	Lei	10.217,-	10.217,-	10.217,-	10.671,-	10.671,-	11.806,-	11.806,-
79	One centrifugal pump (high lift)	Lei	12.486,-	12.486,-	12.486,-	12.943,-	12.943,-	13.776,-	13.776,-
80	Two centrifugal pump (low lift)	Lei	16.901,-	16.901,-	16.901,-	16.901,-	16.901,-	18.091,-	18.091,-
81	Two centrifugal pump (high lift)	Lei	19.830,-	19.830,-	19.830,-	20.207,-	20.207,-	20.783,-	20.783,-
134	One centrifugal pump (low lift) + tank	Lei	16.090,-	16.090,-	16.090,-	17.980,-	17.980,-	19.114,-	19.114,-
135	One centrifugal pump (high lift) + tank	Lei	18.357,-	18.357,-	18.357,-	20.283,-	20.283,-	21.115,-	21.115,-
136	Two centrifugal pump (low lift) + tank	Lei	25.051,-	25.051,-	25.051,-	25.355,-	25.355,-	26.231,-	26.231,-
137	Two centrifugal pump (high lift) + tank	Lei	27.375,-	27.375,-	27.375,-	27.754,-	27.754,-	28.576,-	28.576,-
91	Double pressure relief valve with diverter	Lei	4.164,-	4.164,-	4.164,-	4.164,-	4.164,-	4.164,-	4.164,-
115	Water filter	Lei	2.183,-	2.183,-	2.183,-	2.183,-	2.183,-	2.183,-	2.183,-
114	Nordic kit	Lei	4.164,-	4.164,-	4.164,-	4.920,-	4.920,-	5.675,-	5.675,-
Electrical / Control									
10	Direct on line starter (dol)	Lei							
04	Double setpoint	Lei							
57	Evaporator electric heater	Lei							
60	Electronic expansion valve	Lei							
67	Ambient outside temperature sensor and setpoint reset	Lei				Standard			
68	Hour run meter	Lei							
69	General fault contactor	Lei							
97	Main switch interlock door	Lei							
128	Master/Slave	Lei							
06	Soft starter	Lei	7.515,-	7.515,-	7.515,-	7.515,-	7.773,-	8.402,-	9.027,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.709,-	1.709,-	1.709,-	1.709,-	1.709,-	1.709,-	1.709,-
17	Capacitors for power factor correction	Lei	2.898,-	2.898,-	2.898,-	2.898,-	2.898,-	3.222,-	3.786,-
58	Evaporator flow switch	Lei	984,-	984,-	984,-	984,-	984,-	984,-	984,-
95	Compressors circuit breakers	Lei	1.331,-	1.386,-	1.437,-	1.437,-	1.437,-	1.633,-	1.814,-
96	Fans circuit breakers	Lei	757,-	757,-	757,-	757,-	757,-	757,-	757,-
Installation									
75	Rubber anti vibration mounts	Lei	1.719,-	1.719,-	1.719,-	1.719,-	1.719,-	1.719,-	1.719,-
77	Spring anti vibration mounts	Lei	5.394,-	5.394,-	5.394,-	5.394,-	5.394,-	5.394,-	5.394,-
83	External tank without cabinet (500 l)	Lei	13.297,-	13.297,-	13.297,-	13.297,-	13.297,-	13.297,-	13.297,-
84	External tank without cabinet (1000 l)	Lei	17.754,-	17.754,-	17.754,-	17.754,-	17.754,-	17.754,-	17.754,-
87	External tank with cabinet (500 l)	Lei	19.568,-	19.568,-	19.568,-	19.568,-	19.568,-	19.568,-	19.568,-
88	External tank with cabinet (1000 l)	Lei	25.072,-	25.072,-	25.072,-	25.072,-	25.072,-	25.072,-	25.072,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM3ACMSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWAT-B- Multi scroll Air cooled chiller with R-32 refrigerant



EWAT-B- at a glance

BLUEVOLUTION

- Wide capacity range: 80 – 700 kW
- Silver and Gold efficiency versions
- 3 sound configurations
- Full compatibility with Daikin on Site
- New Hydronic Kit configurations (single and twin pump, inertial tank, VFD)
- Single and dual circuit version overlapping between 150 kW and 350 kW
- Extensive option lists
- Fan speed modulation option (VFD)

Single V



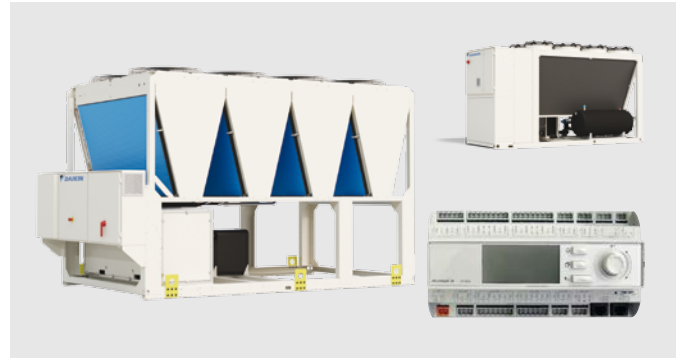
Modular V



NEW EWAT-B-SS

Standard efficiency rating, standard noise level

- › R-32 refrigerant with low GWP. Reduced amount of refrigerant tanks to micro channel heat exchanger technology
- › One or two independent refrigerant circuits (2 or 4 scroll compressors) with single evaporator
- › Wide capacity range: 80 - 700 kW ("Single V" layout up to 210 kW, "Multi V" layout up to 700 kW)
- › Two efficiency level and 3 sound configurations Free cooling migration options available for Multi V models⁽¹⁾
- › Partial and total heat recovery option available
- › Stainless steel plate heat exchanger optimized for R-32 refrigerant operation
- › MicroTech III controller with superior control logic and easy interface



Type of unit (rated power in accordance with EN14511)	EWAT -B-SS	85	115	135	155	175	195	205
Price	Lei	83.824,-	99.500,-	111.266,-	139.420,-	132.292,-	161.906,-	224.083,-
Commissioning by DAIKIN service (net price)	Lei	On Request	On Request	On Request	On Request	On Request	On Request	On Request
Cooling capacity	kW	81	109	131	158	175	191	210
Power input	kW	31,8	38,5	49,8	61,8	67,7	69,4	79,8
Refrigerant circuit		1	1	1	2	1	2	2
Compressors		2	2	2	4	2	4	4
EER		2,55	2,82	2,64	2,55	2,58	2,75	2,63
ESEER(+opt FANMOD) ⁽²⁾		3,96	4,03	3,86	3,83	4,09	4	3,94
Length x Width x Height	mm	2.120x1.204x1.801	2.660x1.204x1.801	2.660x1.204x1.801	3.570x1.204x1.822	3.180x1.204x1.801	4.170x1.204x1.822	4.170x1.204x1.822
Weight of unit / Operating weight	kg	681/686	767/773	811/821	1.007/1.014	984/996	1.166/1.177	1.158/1.169
Sound power / Sound pressure (at 1m)	dB(A)	85/67	88/71	90/72	88/70	92/74	90/71	91/72
Buffer tank volume / option (OP 134/135/136/137)	liter	50	145	145	190	190	250	250

Optional accessories for chiller:

Code	Type of unit	EWAT -B-SS	85	115	135	155	175	195	205
Mechanical									
01	Total heat recovery	Lei	n/a	19.280,-	24.513,-	29.934,-	29.934,-	34.931,-	38.892,-
03A	Partial heat recovery with control	Lei		7.802,-	10.418,-	14.378,-	10.418,-	14.378,-	14.378,-
08	Brine version	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
20	Evaporator victaulic kit	Lei							Standard
21	Evaporator flange kit	Lei	848,-	848,-	848,-	848,-	848,-	848,-	848,-
29	20mm evaporator insulation	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
78	One centrifugal pump (low lift)	Lei	13.270,-	13.860,-	13.860,-	14.731,-	14.731,-	15.321,-	15.321,-
79	One centrifugal pump (high lift)	Lei	16.193,-	16.806,-	16.806,-	16.806,-	16.806,-	17.866,-	17.866,-
80	Two centrifugal pump (low lift)	Lei	21.920,-	21.920,-	21.920,-	22.579,-	22.579,-	23.476,-	23.476,-
81	Two centrifugal pump (high lift)	Lei	25.715,-	26.234,-	26.234,-	26.234,-	26.234,-	26.940,-	26.940,-
91	Double pressure relief valve with diverter	Lei	5.421,-	5.421,-	5.421,-	8.062,-	5.421,-	8.062,-	8.062,-
115	Water filter	Lei	1.509,-	1.509,-	1.509,-	1.815,-	1.509,-	1.815,-	1.815,-
121	Refrigerant leak detection	Lei	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-
126	Discharge and suction line shut-off valve	Lei	4.525,-	4.525,-	4.525,-	9.052,-	4.525,-	9.052,-	9.052,-
127	High and low pressure side manometers	Lei	1.485,-	1.485,-	1.485,-	2.970,-	1.485,-	2.970,-	2.970,-
134	One centrifugal pump (low lift) + tank	Lei	20.859,-	23.334,-	23.334,-	24.255,-	24.255,-	24.796,-	24.796,-
135	One centrifugal pump (high lift) + tank	Lei	23.806,-	26.327,-	26.327,-	26.327,-	26.327,-	27.389,-	27.389,-
136	Two centrifugal pump (low lift) + tank	Lei	32.480,-	32.905,-	32.905,-	33.376,-	33.376,-	34.012,-	34.012,-
137	Two centrifugal pump (high lift) + tank	Lei	35.496,-	36.015,-	36.015,-	36.015,-	36.015,-	37.052,-	37.052,-
139	E-coating microchannel coils	Lei	4.525,-	6.788,-	6.788,-	9.052,-	9.052,-	11.313,-	11.313,-
140	Unit guards (to cover unit access)	Lei	2.593,-	2.829,-	2.829,-	3.065,-	3.065,-	3.299,-	3.299,-
Electrical / Control									
04	Direct on line starter (dol)	Lei							Standard
06	Soft starter	Lei	10.583,-	12.540,-	14.024,-	17.584,-	16.687,-	20.412,-	22.415,-
10	Double setpoint	Lei							Standard
15	Under / over voltage control	Lei	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-
16	Energy meter	Lei		n/a		7.189,-	n/a	7.189,-	7.189,-
17B	Capacitors for power factor correction (single-v)	Lei	2.829,-	3.008,-	3.186,-	5.657,-	3.809,-	5.836,-	6.015,-
57	Evaporator electric heater	Lei							Standard
58	Evaporator flow switch	Lei	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-

Air cooled chiller

Optional accessories for chiller:

Code	Type of unit	EWAT -B-SS	85	115	135	155	175	195	205
60	Electronic expansion valve	Lei							
67	Ambient outside temperature sensor and setpoint reset	Lei							
68	Hour run meter	Lei				Standard			
69	General fault contactor	Lei							
70	Alarm from external device	Lei							
95	Compressors circuit breakers	Lei	1.744,-	1.957,-	2.169,-	3.488,-	2.663,-	3.701,-	3.912,-
96	Fans circuit breakers	Lei	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-
97	Main switch interlock door	Lei							
99	Fans speed regulation (+ fan silent mode)	Lei				Standard			
120e	Inverter kit for 1 centr pump low lift	Lei	4.478,-	4.855,-	4.855,-	5.610,-	5.610,-	5.610,-	5.610,-
120f	Inverter kit for 1 centr pump high lift	Lei	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-
128	Master/slave	Lei				Standard			
142A	High ambient kit	Lei	3.394,-	4.289,-	4.289,-	5.186,-	5.186,-	6.081,-	6.081,-
143	Variable primary flow	Lei	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-
144	Diff pressure transd (shipped loose)	Lei	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-
155	Daikin on site modem (with antenna)	Lei	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-
160	100 pa esp fans	Lei	1.980,-	2.876,-	2.876,-	3.770,-	3.770,-	4.667,-	4.667,-
Installation									
75	Rubber anti vibration mounts	Lei	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-
77	Spring anti vibration mounts	Lei	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-
83	External tank without cabinet (500 l)	Lei	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-
84	External tank without cabinet (1000 l)	Lei	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-
87	External tank with cabinet (500 l)	Lei	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-
88	External tank with cabinet (1000 l)	Lei	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM3ACMSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

(1) Check the databook for Multi V models; (2) Option FANMOD consist in Continuous Fan Speed Regulation and improves part load operation, Single-V units are standardly equipped with continuous fan control, Modular-V units require opt 99a – VFD fans

NEW EWAT-B-SL

Standard efficiency rating, low noise level



Type of unit (rated power in accordance with EN14511)	EWAT-B-SL	85	115	135	155	175	195	205
Price	Lei	85.507,-	101.502,-	113.493,-	142.226,-	134.949,-	165.160,-	228.584,-
Commissioning by DAIKIN service (net price)	Lei	On Request	On Request	On Request	On Request	On Request	On Request	On Request
Cooling capacity	kW	81	109	131	158	175	191	210
Power input	kW	31,8	38,5	49,8	61,8	67,7	69,4	79,8
Refrigerant circuit		1	1	1	2	1	2	2
Compressors		2	2	2	4	2	4	4
EER		2,55	2,82	2,64	2,55	2,58	2,75	2,63
ESEER(+opt FANMOD) ¹⁰		3,96	4,03	3,86	3,83	4,09	4	3,94
Length x Width x Height	mm	2.120x1.204x1.801	2.660x1.204x1.801	2.660x1.204x1.801	3.570x1.204x1.822	3.180x1.204x1.801	4.170x1.204x1.822	4.170x1.204x1.822
Weight of unit / Operating weight	kg	691/696	777/783	820/830	1.028/1.035	994/1.006	1.087/1.198	1.179/1.190
Sound power / Sound pressure (at 1m)	dB(A)	84/66	86/69	87/69	87/68	89/71	88/70	89/70
Buffer tank volume / option (OP 134/135/136/137)	liter	50	145	145	190	190	250	250

Optional accessories for chiller:

Code	Type of unit	EWAT-B-SL	85	115	135	155	175	195	205
Mechanical									
01	Total heat recovery	Lei	n/a	19.280,-	24.513,-	29.934,-	29.934,-	34.931,-	38.892,-
03A	Partial heat recovery with control	Lei	n/a	7.802,-	10.418,-	14.378,-	10.418,-	14.378,-	14.378,-
08	Brine version	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
20	Evaporator victaulic kit	Lei							
21	Evaporator flange kit	Lei	848,-	848,-	848,-	848,-	848,-	848,-	848,-
29	20mm evaporator insulation	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
78	One centrifugal pump (low lift)	Lei	13.270,-	13.860,-	13.860,-	14.731,-	14.731,-	15.321,-	15.321,-
79	One centrifugal pump (high lift)	Lei	16.193,-	16.806,-	16.806,-	16.806,-	16.806,-	17.866,-	17.866,-
80	Two centrifugal pump (low lift)	Lei	21.920,-	21.920,-	21.920,-	22.579,-	22.579,-	23.476,-	23.476,-
81	Two centrifugal pump (high lift)	Lei	25.715,-	26.234,-	26.234,-	26.234,-	26.234,-	26.940,-	26.940,-
91	Double pressure relief valve with diverter	Lei	5.421,-	5.421,-	5.421,-	8.062,-	5.421,-	8.062,-	8.062,-
115	Water filter	Lei	1.509,-	1.509,-	1.509,-	1.815,-	1.509,-	1.815,-	1.815,-
121	Refrigerant leak detection	Lei	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-
126	Discharge and suction line shut-off valve	Lei	4.525,-	4.525,-	4.525,-	9.052,-	4.525,-	9.052,-	9.052,-
127	High and low pressure side manometers	Lei	1.485,-	1.485,-	1.485,-	2.970,-	1.485,-	2.970,-	2.970,-
134	One centrifugal pump (low lift) + tank	Lei	20.859,-	23.334,-	23.334,-	24.255,-	24.255,-	24.796,-	24.796,-
135	One centrifugal pump (high lift) + tank	Lei	23.806,-	26.327,-	26.327,-	26.327,-	26.327,-	27.389,-	27.389,-
136	Two centrifugal pump (low lift) + tank	Lei	32.480,-	32.905,-	32.905,-	33.376,-	33.376,-	34.012,-	34.012,-
137	Two centrifugal pump (high lift) + tank	Lei	35.496,-	36.015,-	36.015,-	36.015,-	36.015,-	37.052,-	37.052,-
139	E-coating microchannel coils	Lei	4.525,-	6.788,-	6.788,-	9.052,-	9.052,-	11.313,-	11.313,-
140	Unit guards (to cover unit access)	Lei	2.593,-	2.829,-	2.829,-	3.065,-	3.065,-	3.299,-	3.299,-
Electrical / Control									
04	Direct on line starter (dol)	Lei							
06	Soft starter	Lei	10.583,-	12.540,-	14.024,-	17.584,-	16.687,-	20.412,-	22.415,-
10	Double setpoint	Lei							
15	Under / over voltage control	Lei	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-
16	Energy meter	Lei		n/a		7.189,-	n/a	7.189,-	7.189,-
17B	Capacitors for power factor correction (single-v)	Lei	2.829,-	3.008,-	3.186,-	5.657,-	3.809,-	5.836,-	6.015,-
57	Evaporator electric heater	Lei							
58	Evaporator flow switch	Lei	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-
60	Electronic expansion valve	Lei							
67	Ambient outside temperature sensor and setpoint reset	Lei							
68	Hour run meter	Lei							
69	General fault contactor	Lei							
70	Alarm from external device	Lei							
95	Compressors circuit breakers	Lei	1.744,-	1.957,-	2.169,-	3.488,-	2.663,-	3.701,-	3.912,-
96	Fans circuit breakers	Lei	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-

Air cooled chiller

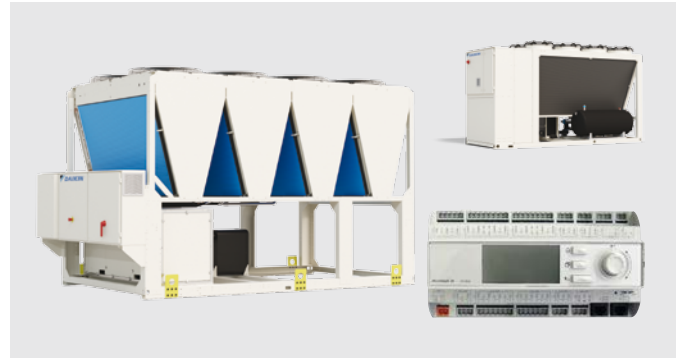
Optional accessories for chiller:

Code	Type of unit	EWAT -B-SL	85	115	135	155	175	195	205
97	Main switch interlock door	Lei							
99	Fans speed regulation (+ fan silent mode)	Lei				Standard			
120e	Inverter kit for 1 centr pump low lift	Lei	4.478,-	4.855,-	4.855,-	5.610,-	5.610,-	5.610,-	5.610,-
120f	Inverter kit for 1 centr pump high lift	Lei	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-
128	Master/slave	Lei				Standard			
142A	High ambient kit	Lei	3.394,-	4.289,-	4.289,-	5.186,-	5.186,-	6.081,-	6.081,-
143	Variable primary flow	Lei	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-
144	Diff pressure transd (shipped loose)	Lei	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-
155	Daikin on site modem (with antenna)	Lei	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-
160	100 pa esp fans	Lei	1.980,-	2.876,-	2.876,-	3.770,-	3.770,-	4.667,-	4.667,-
Installation									
75	Rubber anti vibration mounts	Lei	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-
77	Spring anti vibration mounts	Lei	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-
83	External tank without cabinet (500 l)	Lei	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-
84	External tank without cabinet (1000 l)	Lei	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-
87	External tank with cabinet (500 l)	Lei	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-
88	External tank with cabinet (1000 l)	Lei	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM8ACMSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

(1) Option FANMOD consist in Continuous Fan Speed Regulation and improves part load operation, Single-V units are standardly equipped with continuous fan control, Modular-V units require opt 99a – VFD fans

NEW EWAT-B-SR

Standard efficiency rating, reduced noise level



Type of unit (rated power in accordance with EN14511)	EWAT -B-SR	85	115	135	155	175	195	205
Price	Lei	88.090,-	104.551,-	116.915,-	146.509,-	139.008,-	170.116,-	235.443,-
Commissioning by DAIKIN service (net price)	Lei	On Request	On Request	On Request	On Request	On Request	On Request	On Request
Cooling capacity	kW	76	105	124	150	165	181	200
Power input	kW	33,8	40,3	53,1	66	72,8	73,2	84,6
Refrigerant circuit		1	1	1	2	1	2	2
Compressors		2	2	2	4	2	4	4
EER		2,26	2,6	2,33	2,27	2,26	2,47	2,36
ESEER(+opt FANMOD) ⁰⁾		3,95	4,07	3,9	3,81	4,1	3,88	3,97
Length x Width x Height	mm	2.120x1.204x1.801	2.660x1.204x1.801	2.660x1.204x1.801	3.570x1.204x1.822	3.180x1.204x1.801	4.170x1.204x1.822	4.170x1.204x1.822
Weight of unit / Operating weight	kg	691/696	777/783	821/830	1.028/1.035	994/1.006	1.187/1.198	1.179/1.190
Sound power / Sound pressure (at 1m)	dB(A)	77/61	83/65	84/66	82/63	86/68	84/65	85/67
Buffer tank volume / option (OP 134/135/136/137)	liter	50	145	145	190	190	250	250

Optional accessories for chiller:

Code	Type of unit	EWAT -B-SR	85	115	135	155	175	195	205
Mechanical									
01	Total heat recovery	Lei	n/a	19.280,-	24.513,-	29.934,-	29.934,-	34.931,-	38.892,-
03A	Partial heat recovery with control	Lei	n/a	7.802,-	10.418,-	14.378,-	10.418,-	14.378,-	14.378,-
08	Brine version	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
20	Evaporator victaulic kit	Lei							
21	Evaporator flange kit	Lei	848,-	848,-	848,-	848,-	848,-	848,-	848,-
29	20mm evaporator insulation	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
78	One centrifugal pump (low lift)	Lei	13.270,-	13.860,-	13.860,-	14.731,-	14.731,-	15.321,-	15.321,-
79	One centrifugal pump (high lift)	Lei	16.193,-	16.806,-	16.806,-	16.806,-	16.806,-	17.866,-	17.866,-
80	Two centrifugal pump (low lift)	Lei	21.920,-	21.920,-	21.920,-	22.579,-	22.579,-	23.476,-	23.476,-
81	Two centrifugal pump (high lift)	Lei	25.715,-	26.234,-	26.234,-	26.234,-	26.234,-	26.940,-	26.940,-
91	Double pressure relief valve with diverter	Lei	5.421,-	5.421,-	5.421,-	8.062,-	5.421,-	8.062,-	8.062,-
115	Water filter	Lei	1.509,-	1.509,-	1.509,-	1.815,-	1.509,-	1.815,-	1.815,-
121	Refrigerant leak detection	Lei	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-
126	Discharge and suction line shut-off valve	Lei	4.525,-	4.525,-	4.525,-	9.052,-	4.525,-	9.052,-	9.052,-
127	High and low pressure side manometers	Lei	1.485,-	1.485,-	1.485,-	2.970,-	1.485,-	2.970,-	2.970,-
134	One centrifugal pump (low lift) + tank	Lei	20.859,-	23.334,-	23.334,-	24.255,-	24.255,-	24.796,-	24.796,-
135	One centrifugal pump (high lift) + tank	Lei	23.806,-	26.327,-	26.327,-	26.327,-	26.327,-	27.389,-	27.389,-
136	Two centrifugal pump (low lift) + tank	Lei	32.480,-	32.905,-	32.905,-	33.376,-	33.376,-	34.012,-	34.012,-
137	Two centrifugal pump (high lift) + tank	Lei	35.496,-	36.015,-	36.015,-	36.015,-	36.015,-	37.052,-	37.052,-
139	E-coating microchannel coils	Lei	4.525,-	6.788,-	6.788,-	9.052,-	9.052,-	11.313,-	11.313,-
140	Unit guards (to cover unit access)	Lei	2.593,-	2.829,-	2.829,-	3.065,-	3.065,-	3.299,-	3.299,-
Electrical / Control									
04	Direct on line starter (dol)	Lei							
06	Soft starter	Lei	10.583,-	12.540,-	14.024,-	17.584,-	16.687,-	20.412,-	22.415,-
10	Double setpoint	Lei							
15	Under / over voltage control	Lei	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-
16	Energy meter	Lei		n/a		7.189,-	n/a	7.189,-	7.189,-
17B	Capacitors for power factor correction (single-v)	Lei	2.829,-	3.008,-	3.186,-	5.657,-	3.809,-	5.836,-	6.015,-
42	Speedtrol	Lei		n/a		9.146,-	n/a	9.146,-	
57	Evaporator electric heater	Lei							
58	Evaporator flow switch	Lei	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-	1.698,-
60	Electronic expansion valve	Lei							
67	Ambient outside temperature sensor and setpoint reset	Lei							
68	Hour run meter	Lei							
69	General fault contactor	Lei							
70	Alarm from external device	Lei							
95	Compressors circuit breakers	Lei	1.744,-	1.957,-	2.169,-	3.488,-	2.663,-	3.701,-	3.912,-

Air cooled chiller

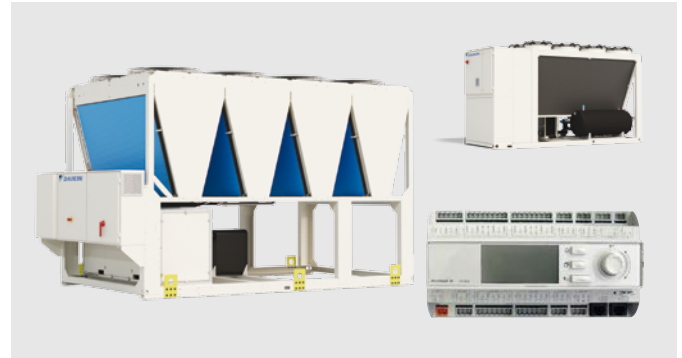
Optional accessories for chiller:

Code	Type of unit	EWAT - B - SR	85	115	135	155	175	195	205
96	Fans circuit breakers	Lei	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-	1.013,-
97	Main switch interlock door	Lei							
99	Fans speed regulation (+ fan silent mode)	Lei	Standard						
120e	Inverter kit for 1 centr pump low lift	Lei	4.478,-	4.855,-	4.855,-	5.610,-	5.610,-	5.610,-	5.610,-
120f	Inverter kit for 1 centr pump high lift	Lei	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-	5.610,-
128	Master/slave	Lei	Standard						
142A	High ambient kit	Lei	3.394,-	4.289,-	4.289,-	5.186,-	5.186,-	6.081,-	6.081,-
143	Variable primary flow	Lei	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-
144	Diff pressure transd (shipped loose)	Lei	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-
155	Daikin on site modem (with antenna)	Lei	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-
Installation									
75	Rubber anti vibration mounts	Lei	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-
77	Spring anti vibration mounts	Lei	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-
83	External tank without cabinet (500 l)	Lei	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-
84	External tank without cabinet (1000 l)	Lei	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-
87	External tank with cabinet (500 l)	Lei	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-
88	External tank with cabinet (1000 l)	Lei	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM8ACMSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

(1) Option FANMOD consist in Continuous Fan Speed Regulation and improves part load operation, Single-V units are standardly equipped with continuous fan control, Modular-V units require opt 99a – VFD fans

NEW EWAT-B-XS

High efficiency rating, standard noise level



Type of unit (rated power in accordance with EN14511)	EWAT -B-XS	85	115	145	180	185	200
Price	Lei	104.308,-	119.516,-	137.436,-	179.190,-	154.516,-	245.697,-
Commissioning by DAIKIN service (net price)	Lei	On Request	On Request	On Request	On Request	On Request	On Request
Cooling capacity	kW	88	114	143	179	182	200
Power input	kW	28,9	36,5	44,5	57,2	63,8	65,7
Refrigerant circuit		1	1	1	2	1	2
Compressors		2	2	2	4	2	4
EER		3,04	3,11	3,22	3,12	2,86	3,05
ESEER(+opt FANMOD) ⁰⁾		4,07	4,23	4,19	4,3	4,05	4,13
Length x Width x Height	mm	2.660x1.204x1.801	3.180x1.204x1.801	3.780x1.204x1.822	2.326x2.236x2.540	3.780x1.204x1.822	2.326x2.236x2.540
Weight of unit / Operating weight	kg	737/742	830/836	949/958	1.633/1.644	1.066/1.078	1.663/1.674
Sound power / Sound pressure (at 1m)	dB(A)	86/68	89/71	91/72	91/72	92/74	93/73
Buffer tank volume / option (OP 134/135/136/137)	liter	145	190	190	300	250	300

Optional accessories for chiller:

Code	Type of unit	EWAT -B-XS	85	115	145	180	185	200
Mechanical								
01	Total heat recovery	Lei	17.655,-	19.280,-	24.513,-	29.934,-	29.934,-	34.931,-
03A	Partial heat recovery with control	Lei	7.802,-	7.802,-	10.418,-	14.378,-	10.418,-	14.378,-
08	Brine version	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
20	Evaporator victaulic kit	Lei	Standard					
21	Evaporator flange kit	Lei	848,-	848,-	848,-	1.132,-	848,-	1.132,-
29	20mm evaporator insulation	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
61	Discharge line shut-off valve	Lei				3.394,-		
62	Suction line shut-off valve	Lei				5.657,-		
63	High pressure side manometers	Lei	n/a			1.556,-	n/a	
64	Low pressure side manometers	Lei				1.556,-		
78	One centrifugal pump (low lift)	Lei	13.860,-	14.731,-	15.321,-	22.557,-	15.321,-	22.934,-
79	One centrifugal pump (high lift)	Lei	16.806,-	16.806,-	17.866,-	23.265,-	17.866,-	23.265,-
80	Two centrifugal pump (low lift)	Lei	21.920,-	22.579,-	23.476,-	32.150,-	23.476,-	32.150,-
81	Two centrifugal pump (high lift)	Lei	26.234,-	26.234,-	26.940,-	34.318,-	26.940,-	34.318,-
91	Double pressure relief valve with diverter	Lei	5.421,-	5.421,-	5.421,-	8.062,-	5.421,-	8.062,-
115	Water filter	Lei	1.509,-	1.509,-	1.509,-	1.815,-	1.509,-	1.815,-
121	Refrigerant leak detection	Lei	5.917,-	5.917,-	5.917,-			5.917,-
126	Discharge and suction line shut-off valve	Lei	4.525,-	4.525,-	4.525,-	n/a	4.525,-	n/a
127	High and low pressure side manometers	Lei	1.485,-	1.485,-	1.485,-			1.485,-
134	One centrifugal pump (low lift) + tank	Lei	23.334,-	24.255,-	24.796,-	33.045,-	24.796,-	33.423,-
135	One centrifugal pump (high lift) + tank	Lei	26.327,-	26.327,-	27.389,-	33.753,-	27.389,-	33.753,-
136	Two centrifugal pump (low lift) + tank	Lei	32.905,-	33.376,-	34.012,-	42.638,-	34.012,-	42.638,-
137	Two centrifugal pump (high lift) + tank	Lei	36.015,-	36.015,-	37.052,-	44.807,-	37.052,-	44.807,-
139	E-coating microchannel coils	Lei	6.788,-	9.052,-	11.313,-	17.819,-	11.313,-	17.819,-
140	Unit guards (to cover unit access)	Lei	2.829,-	3.065,-	3.299,-	8.202,-	3.299,-	8.202,-
141	Side panels on coil ends	Lei				2.263,-		
153	Blue coat	Lei				3.299,-		
171	Free cooling migration - light	Lei	n/a			63.640,-	n/a	
172	Free cooling migration - full	Lei				131.994,-		
173	Free cooling migration - full with hydro kit	Lei				146.136,-		
Electrical / Control								
04	Direct on line starter (dol)	Lei	Standard					
06	Soft starter	Lei	13.152,-	15.061,-	17.325,-	22.579,-	19.469,-	24.584,-
10	Double setpoint	Lei	Standard					
11	Compressor thermal overload relays	Lei	n/a			4.733,-	n/a	
15	Under / over voltage control	Lei	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-
16	Energy meter	Lei				7.189,-		
17	Capacitors for power factor correction	Lei	n/a			5.657,-	n/a	
17B	Capacitors for power factor correction (single-v)	Lei	2.829,-	3.008,-	3.186,-	n/a	3.809,-	n/a
42	Speedtrol	Lei	n/a			9.146,-	n/a	
57	Evaporator electric heater	Lei	Standard					
58	Evaporator flow switch	Lei	1.698,-	1.698,-	1.698,-	2.122,-	1.698,-	2.122,-

Air cooled chiller

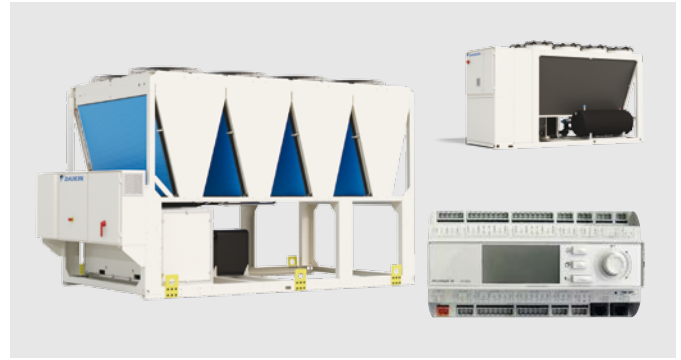
Optional accessories for chiller:

Code	Type of unit	EWAT -B-XS	85	115	145	180	185	200
60	Electronic expansion valve	Lei						
67	Ambient outside temperature sensor and setpoint reset	Lei						
68	Hour run meter	Lei				Standard		
69	General fault contactor	Lei						
70	Alarm from external device	Lei						
95	Compressors circuit breakers	Lei	1.744,-	1.957,-	2.169,-	3.488,-	2.663,-	3.701,-
96	Fans circuit breakers	Lei	1.013,-	1.013,-	1.013,-	1.320,-	1.013,-	1.320,-
97	Main switch interlock door	Lei				Standard		
99	Fans speed regulation (+ fan silent mode)	Lei		Standard		n/a	Standard	n/a
99a	Fans speed regulation (vfd)	Lei		n/a		9.923,-	n/a	9.923,-
102	Ground fault relay	Lei				4.267,-		4.267,-
120e	Inverter kit for 1 centr pump low lift	Lei	4.855,-	5.610,-	5.610,-	5.279,-	5.610,-	5.751,-
120f	Inverter kit for 1 centr pump high lift	Lei	5.610,-	5.610,-	5.610,-	6.058,-	5.610,-	6.058,-
120g	Inverter kit for 2 centr pump low lift	Lei				11.502,-		11.502,-
120h	Inverter kit for 2 centr pump high lift	Lei		n/a		15.603,-	n/a	15.603,-
128	Master/slave	Lei				Standard		
142A	High ambient kit	Lei	4.289,-	5.186,-	6.081,-	5.515,-	6.081,-	5.515,-
143	Variable primary flow	Lei	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-
144	Diff pressure transd (shipped loose)	Lei	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-
155	Daikin on site modem (with antenna)	Lei	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-
160	100 pa esp fans	Lei	2.876,-	3.770,-	4.667,-	n/a	4.667,-	n/a
161	200 pa esp fans	Lei		n/a		57.701,-	n/a	57.701,-
Installation								
75	Rubber anti vibration mounts	Lei	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-
77	Spring anti vibration mounts	Lei	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-
83	External tank without cabinet (500 l)	Lei	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-
84	External tank without cabinet (1000 l)	Lei	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-
87	External tank with cabinet (500 l)	Lei	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-
88	External tank with cabinet (1000 l)	Lei	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM8ACMSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

(1) Option FANMOD consist in Continuous Fan Speed Regulation and improves part load operation, Single-V units are standardly equipped with continuous fan control, Modular-V units require opt 99a – VFD fans

NEW EWAT-B-XL

High efficiency rating, low noise level



Type of unit (rated power in accordance with EN14511)	EWAT -B-XL	85	115	145	180	185	200
Price	Lei	106.402,-	121.911,-	140.187,-	190.844,-	157.621,-	261.677,-
Commissioning by DAIKIN service (net price)	Lei	On Request	On Request	On Request	On Request	On Request	On Request
Cooling capacity	kW	88	114	143	179	182	200
Power input	kW	28,9	36,5	44,5	57,2	63,8	65,7
Refrigerant circuit		1	1	1	2	1	2
Compressors		2	2	2	4	2	4
EER		3,04	3,11	3,22	3,12	2,86	3,05
ESEER(+opt FANMOD) ⁽¹⁾		4,07	4,23	4,19	4,3	4,05	4,13
Length x Width x Height	mm	2.660x1.204x1.801	3.180x1.204x1.801	3.780x1.204x1.822	2.326x2.236x2.540	3.780x1.204x1.822	2.326x2.236x2.540
Weight of unit / Operating weight	kg	747/752	840/846	959/968	1.736/1.747	1.076/1.088	1.766/1.777
Sound power / Sound pressure (at 1m)	dB(A)	85/68	87/69	89/70	91/72	89/71	91/72
Buffer tank volume / option (OP 134/135/136/137)	liter	145	190	190	300	250	300

Optional accessories for chiller:

Code	Type of unit	EWAT -B-XL	85	115	145	180	185	200
Mechanical								
01	Total heat recovery	Lei	17.655,-	19.280,-	24.513,-	29.934,-	29.934,-	34.931,-
03A	Partial heat recovery with control	Lei	7.802,-	7.802,-	10.418,-	14.378,-	10.418,-	14.378,-
08	Brine version	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
20	Evaporator victaulic kit	Lei	Standard					
21	Evaporator flange kit	Lei	848,-	848,-	848,-	1.132,-	848,-	1.132,-
29	20mm evaporator insulation	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
61	Discharge line shut-off valve	Lei				3.394,-		
62	Suction line shut-off valve	Lei				5.657,-		
63	High pressure side manometers	Lei	n/a			1.556,-	n/a	
64	Low pressure side manometers	Lei				1.556,-		
78	One centrifugal pump (low lift)	Lei	13.860,-	14.731,-	15.321,-	22.557,-	15.321,-	22.934,-
79	One centrifugal pump (high lift)	Lei	16.806,-	16.806,-	17.866,-	23.265,-	17.866,-	23.265,-
80	Two centrifugal pump (low lift)	Lei	21.920,-	22.579,-	23.476,-	32.150,-	23.476,-	32.150,-
81	Two centrifugal pump (high lift)	Lei	26.234,-	26.234,-	26.940,-	34.318,-	26.940,-	34.318,-
91	Double pressure relief valve with diverter	Lei	5.421,-	5.421,-	5.421,-	8.062,-	5.421,-	8.062,-
115	Water filter	Lei	1.509,-	1.509,-	1.509,-	1.815,-	1.509,-	1.815,-
121	Refrigerant leak detection	Lei	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-
126	Discharge and suction line shut-off valve	Lei	4.525,-	4.525,-	4.525,-	n/a		4.525,-
127	High and low pressure side manometers	Lei	1.485,-	1.485,-	1.485,-	n/a		1.485,-
134	One centrifugal pump (low lift) + tank	Lei	23.334,-	24.255,-	24.796,-	33.045,-	24.796,-	33.423,-
135	One centrifugal pump (high lift) + tank	Lei	26.327,-	26.327,-	27.389,-	33.753,-	27.389,-	33.753,-
136	Two centrifugal pump (low lift) + tank	Lei	32.905,-	33.376,-	34.012,-	42.638,-	34.012,-	42.638,-
137	Two centrifugal pump (high lift) + tank	Lei	36.015,-	36.015,-	37.052,-	44.807,-	37.052,-	44.807,-
139	E-coating microchannel coils	Lei	6.788,-	9.052,-	11.313,-	17.819,-	11.313,-	17.819,-
140	Unit guards (to cover unit access)	Lei	2.829,-	3.065,-	3.299,-	8.202,-	3.299,-	8.202,-
141	Side panels on coil ends	Lei				2.263,-		
153	Blue coat	Lei				3.299,-		
171	Free cooling migration - light	Lei	n/a			63.640,-	n/a	
172	Free cooling migration - full	Lei				131.994,-		
173	Free cooling migration - full with hydro kit	Lei				146.136,-		
Electrical / Control								
04	Direct on line starter (dol)	Lei	Standard					
06	Soft starter	Lei	13.152,-	15.061,-	17.325,-	22.579,-	19.469,-	24.584,-
10	Double setpoint	Lei	Standard					
11	Compressor thermal overload relays	Lei	n/a			4.733,-	n/a	
15	Under / over voltage control	Lei	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-
16	Energy meter	Lei	n/a			7.189,-	n/a	
17	Capacitors for power factor correction	Lei				5.657,-		
17B	Capacitors for power factor correction (single-v)	Lei	2.829,-	3.008,-	3.186,-	n/a		3.809,-
42	Speedtrol	Lei	n/a			9.146,-	n/a	
57	Evaporator electric heater	Lei	Standard					
58	Evaporator flow switch	Lei	1.698,-	1.698,-	1.698,-	2.122,-	1.698,-	2.122,-

Air cooled chiller

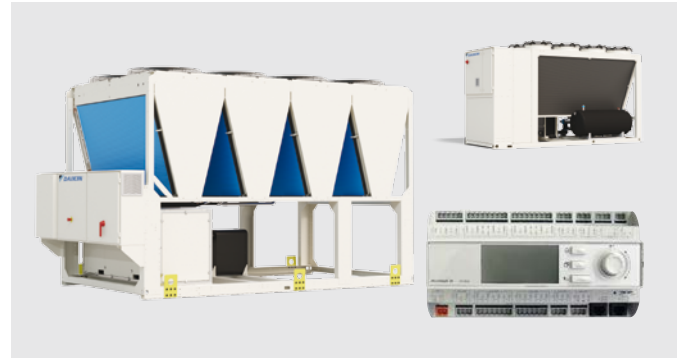
Optional accessories for chiller:

Code	Type of unit	EWAT - B-XL	85	115	145	180	185	200
60	Electronic expansion valve	Lei						
67	Ambient outside temperature sensor and setpoint reset	Lei						
68	Hour run meter	Lei				Standard		
69	General fault contactor	Lei						
70	Alarm from external device	Lei						
95	Compressors circuit breakers	Lei	1.744,-	1.957,-	2.169,-	3.488,-	2.663,-	3.701,-
96	Fans circuit breakers	Lei	1.013,-	1.013,-	1.013,-	1.320,-	1.013,-	1.320,-
97	Main switch interlock door	Lei				Standard		
99	Fans speed regulation (+ fan silent mode)	Lei		Standard		n/a	Standard	n/a
99a	Fans speed regulation (vfd)	Lei		n/a		9.923,-	n/a	9.923,-
102	Ground fault relay	Lei				4.267,-		4.267,-
120e	Inverter kit for 1 centr pump low lift	Lei	4.855,-	5.610,-	5.610,-	5.279,-	5.610,-	5.751,-
120f	Inverter kit for 1 centr pump high lift	Lei	5.610,-	5.610,-	5.610,-	6.058,-	5.610,-	6.058,-
120g	Inverter kit for 2 centr pump low lift	Lei				11.502,-		11.502,-
120h	Inverter kit for 2 centr pump high lift	Lei		n/a		15.603,-	n/a	15.603,-
128	Master/slave	Lei				Standard		
142A	High ambient kit	Lei	4.289,-	5.186,-	6.081,-	5.515,-	6.081,-	5.515,-
143	Variable primary flow	Lei	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-
144	Diff pressure transd (shipped loose)	Lei	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-
155	Daikin on site modem (with antenna)	Lei	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-
160	100 pa esp fans	Lei	2.876,-	3.770,-	4.667,-	n/a	4.667,-	n/a
161	200 pa esp fans	Lei		n/a		57.701,-	n/a	57.701,-
Installation								
75	Rubber anti vibration mounts	Lei	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-
77	Spring anti vibration mounts	Lei	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-
83	External tank without cabinet (500 l)	Lei	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-
84	External tank without cabinet (1000 l)	Lei	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-
87	External tank with cabinet (500 l)	Lei	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-
88	External tank with cabinet (1000 l)	Lei	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM8ACMSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

(1) Option FANMOD consist in Continuous Fan Speed Regulation and improves part load operation, Single-V units are standardly equipped with continuous fan control, Modular-V units require opt 99a – VFD fans

NEW EWAT-B-XR

High efficiency rating, reduced noise level



Type of unit (rated power in accordance with EN14511)	EWAT -B-XR	85	115	145	180	185	200
Price	Lei	109.601,-	125.577,-	144.396,-	199.131,-	162.354,-	272.166,-
Commissioning by DAIKIN service (net price)	Lei	On Request	On Request	On Request	On Request	On Request	On Request
Cooling capacity	kW	82	108	135	168	166	187
Power input	kW	30,9	39	47,1	59,1	70,5	69,8
Refrigerant circuit		1	1	1	2	1	2
Compressors		2	2	2	4	2	4
EER		2,64	2,78	2,88	2,84	2,35	2,68
ESEER(+opt FANMOD) ¹⁾		4,02	4,18	4,08	4,24	4,04	4,21
Length x Width x Height	mm	2.660x1.204x1.801	3.180x1.204x1.801	3.780x1.204x1.822	2.326x2.236x2.540	3.780x1.204x1.822	2.326x2.236x2.540
Weight of unit / Operating weight	kg	747/752	840/846	959/968	1.736/1.747	1.076/1.088	1.776/1.777
Sound power / Sound pressure (at 1m)	dB(A)	78/60	82/64	84/66	84/65	86/68	85/66
Buffer tank volume / option (OP 134/135/136/137)	liter	145	190	190	300	250	300

Optional accessories for chiller:

Code	Type of unit	EWAT -B-XR	85	115	145	180	185	200
Mechanical								
01	Total heat recovery	Lei	17.655,-	19.280,-	24.513,-	29.934,-	29.934,-	34.931,-
03A	Partial heat recovery with control	Lei	7.802,-	7.802,-	10.418,-	14.378,-	10.418,-	14.378,-
08	Brine version	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
20	Evaporator victaulic kit	Lei	Standard					
21	Evaporator flange kit	Lei	848,-	848,-	848,-	1.132,-	848,-	1.132,-
29	20mm evaporator insulation	Lei	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-	1.603,-
61	Discharge line shut-off valve	Lei				3.394,-	n/a	3.394,-
62	Suction line shut-off valve	Lei	n/a			5.657,-		5.657,-
63	High pressure side manometers	Lei				1.556,-		1.556,-
64	Low pressure side manometers	Lei				1.556,-		1.556,-
78	One centrifugal pump (low lift)	Lei	13.860,-	14.731,-	15.321,-	22.557,-	15.321,-	22.934,-
79	One centrifugal pump (high lift)	Lei	16.806,-	16.806,-	17.866,-	23.265,-	17.866,-	23.265,-
80	Two centrifugal pump (low lift)	Lei	21.920,-	22.579,-	23.476,-	32.150,-	23.476,-	32.150,-
81	Two centrifugal pump (high lift)	Lei	26.234,-	26.234,-	26.940,-	34.318,-	26.940,-	34.318,-
91	Double pressure relief valve with diverter	Lei	5.421,-	5.421,-	5.421,-	8.062,-	5.421,-	8.062,-
115	Water filter	Lei	1.509,-	1.509,-	1.509,-	1.815,-	1.509,-	1.815,-
121	Refrigerant leak detection	Lei	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-	5.917,-
126	Discharge and suction line shut-off valve	Lei	4.525,-	4.525,-	4.525,-	n/a	4.525,-	n/a
127	High and low pressure side manometers	Lei	1.485,-	1.485,-	1.485,-		1.485,-	
134	One centrifugal pump (low lift) + tank	Lei	23.334,-	24.255,-	24.796,-	33.045,-	24.796,-	33.423,-
135	One centrifugal pump (high lift) + tank	Lei	26.327,-	26.327,-	27.389,-	33.753,-	27.389,-	33.753,-
136	Two centrifugal pump (low lift) + tank	Lei	32.905,-	33.376,-	34.012,-	42.638,-	34.012,-	42.638,-
137	Two centrifugal pump (high lift) + tank	Lei	36.015,-	36.015,-	37.052,-	44.807,-	37.052,-	44.807,-
139	E-coating microchannel coils	Lei	6.788,-	9.052,-	11.313,-	17.819,-	11.313,-	17.819,-
140	Unit guards (to cover unit access)	Lei	2.829,-	3.065,-	3.299,-	8.202,-	3.299,-	8.202,-
141	Side panels on coil ends	Lei				2.263,-	n/a	2.263,-
153	Blue coat	Lei				3.299,-		3.299,-
171	Free cooling migration - light	Lei	n/a			58.926,-		58.926,-
172	Free cooling migration - full	Lei				127.280,-		127.280,-
173	Free cooling migration - full with hydro kit	Lei				141.422,-		141.422,-
Electrical / Control								
04	Direct on line starter (dol)	Lei	Standard					
06	Soft starter	Lei	13.152,-	15.061,-	17.325,-	22.579,-	19.469,-	24.584,-
10	Double setpoint	Lei	Standard					
11	Compressor thermal overload relays	Lei	n/a			4.733,-	n/a	4.733,-
15	Under / over voltage control	Lei	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-	1.367,-
16	Energy meter	Lei				7.189,-	n/a	7.189,-
17	Capacitors for power factor correction	Lei	n/a			5.657,-		5.836,-
17B	Capacitors for power factor correction (single-v)	Lei	2.829,-	3.008,-	3.186,-	n/a	3.809,-	n/a
57	Evaporator electric heater	Lei	Standard					
58	Evaporator flow switch	Lei	1.664,-	1.664,-	1.664,-	2.080,-	1.664,-	2.080,-
60	Electronic expansion valve	Lei	Standard					

Air cooled chiller

Optional accessories for chiller:

Code	Type of unit	EWAT -B-XR	85	115	145	180	185	200
67	Ambient outside temperature sensor and setpoint reset	Lei						
68	Hour run meter	Lei						
69	General fault contactor	Lei						
70	Alarm from external device	Lei						
95	Compressors circuit breakers	Lei	1.744,-	1.957,-	2.169,-	3.488,-	2.663,-	3.701,-
96	Fans circuit breakers	Lei	1.013,-	1.013,-	1.013,-	1.320,-	1.013,-	1.320,-
97	Main switch interlock door	Lei						
99	Fans speed regulation (+ fan silent mode)	Lei		Standard		n/a	Standard	n/a
99a	Fans speed regulation (vfd)	Lei		n/a		Standard	n/a	Standard
102	Ground fault relay	Lei		n/a		4.267,-	n/a	4.267,-
120e	Inverter kit for 1 centr pump low lift	Lei	4.855,-	5.610,-	5.610,-	5.279,-	5.610,-	5.751,-
120f	Inverter kit for 1 centr pump high lift	Lei	5.610,-	5.610,-	5.610,-	6.058,-	5.610,-	6.058,-
120g	Inverter kit for 2 centr pump low lift	Lei				11.502,-		11.502,-
120h	Inverter kit for 2 centr pump high lift	Lei		n/a		15.603,-	n/a	15.603,-
128	Master/slave	Lei						
142A	High ambient kit	Lei	4.289,-	5.186,-	6.081,-	5.515,-	6.081,-	5.515,-
143	Variable primary flow	Lei	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-	9.192,-
144	Diff pressure transd (shipped loose)	Lei	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-	8.226,-
155	Daikin on site modem (with antenna)	Lei	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-	4.336,-
Installation								
75	Rubber anti vibration mounts	Lei	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-	2.216,-
77	Spring anti vibration mounts	Lei	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-	6.977,-
83	External tank without cabinet (500 l)	Lei	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-	17.253,-
84	External tank without cabinet (1000 l)	Lei	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-	23.028,-
87	External tank with cabinet (500 l)	Lei	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-	25.384,-
88	External tank with cabinet (1000 l)	Lei	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-	32.503,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM8ACHSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM8LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

(1) Option FANMOD consist in Continuous Fan Speed Regulation and improves part load operation, Single-V units are standardly equipped with continuous fan control, Modular-V units require opt 99a – VFD fans

EWWQ-KBW1N

- › One of the most compact units on the market
- › Low energy consumption
- › Low operating sound level
- › Low refrigerant volume
- › Stainless steel plate heat exchanger
- › Extension possible to 183 kW
- › Easy installation and maintenance
- › Remote cooling or heating selection
- › Water/water heat pump, with water reversibility
- › Standard integrated: main switch, water filter, flow switch, air purge, and pressure ports



Unit size			EWWQ014KBW1N	EWWQ025KBW1N	EWWQ033KBW1N	EWWQ049KBW1N	
Price	Lei		21.749,-	29.191,-	33.801,-	46.091,-	
Cooling capacity		kW	13,25	23,9	30,4	47,15	
Heating capacity ⁽²⁾		kW	16,4	29,85	38,76	57,59	
EER			4,21	4,18	4,16	4,13	
ESEER			4,52	4,58	4,72	4,56	
Heat rejection capacity		kW	16,04	29,13	37,75	57,45	
Space heating	Average climate	ηs (Seasonal space heating efficiency)	%	178	189	200	192
	water outlet						
	35°C	SCOP	4,65	4,94	5,2	5,01	
		Seasonal space heating eff. class		A+++			
Sound power level		dB(A)	64	64	71	67	

Options						
OPZH	glycol application to -5 °C LWE	Lei	1.093,-	1.093,-	1.093,-	1.093,-
OPZL	glycol application to -10 °C LWE	Lei	1.093,-	1.093,-	1.093,-	1.093,-

Kit						
EKLS1	low noise kit 5 HP	Lei	1.411,-	-	-	-
EKLS2	low noise kit 8/10/12 HP	Lei	-	1.366,-	1.366,-	1.366,-
EKAC10C⁽³⁾	BMS address card	Lei	778,-	778,-	778,-	778,-
EKRUMCA	remote user interface	Lei	1.439,-	1.439,-	1.439,-	1.439,-

Unit size			EWWQ064KBW1N	EWWQ049KAW1M*	EWWQ064KAW1M*	
Price	Lei		54.628,-	37.898,-	46.434,-	
Cooling capacity ⁽¹⁾		kW	60,98	47,15	60,98	
Heating capacity ⁽²⁾		kW	75,17	57,59	75,17	
EER			4,18	4,13	4,18	
ESEER			4,71	4,56	4,71	
Heat rejection capacity		kW	74,44	57,45	74,44	
Space heating	Average climate	General ηs (Seasonal space heating efficiency)	%	197	192	197
	water outlet					
	35°C	SCOP	5,14	5,01	5,14	
		Seasonal space heating eff. class		A+++		
Sound power level		dB(A)	74	67	64	

(*) Multi modular unit for two or three module application, controller is available in options

Options					
OPZH	glycol application to -5 °C LWE	Lei	1.093,-	1.093,-	1.093,-
OPZL	glycol application to -10 °C LWE	Lei	1.093,-	1.093,-	1.093,-

Kit					
EKLS2	low noise kit 8/10/12 HP (2 pcs.)	Lei	1.366,-	1.366,-	1.366,-
EKAC10C⁽³⁾	BMS address card	Lei	778,-	778,-	778,-
EKRUMCA⁽³⁾	remote user interface	Lei	1.439,-	1.439,-	1.439,-

Notes:

(1) Cooling: Ta DB/WB 35°C - LWE 7°C (DT = 5°C) data according EN 14511: 2011

(2) Heating: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C), data according EN 14511: 2011

(3) EKAC10C is needed for direct BMS connection via Modbus and to install EKRUMCA

EWQ-KBW1M

- › Designed for indoor installation
- › Cooling and/or heating application possible
- › Available in 11 standards sizes
- › Capacity range from 98 to 192 kW
- › Combining with FCU and AHU for air conditioning purpose
- › Supplying chilled water for process cooling
- › Easy installation and maintenance



Capacity index		098	113	128
Basic model		EWQ049KAW1M EWQ049KAW1M	EWQ049KAW1M EWQ064KAW1M	EWQ064KAW1M EWQ064KAW1M
Control box		ECB2MUBW	ECB2MUBW	ECB2MUBW
Price	Lei	91.467,-	100.002,-	108.539,-
Cooling capacity ⁽¹⁾	kW	94,39	108,2	122,1
Heating capacity ⁽²⁾	kW	115,2	132,8	150,3
Sound power level	dB(A)	56	60	62

Options					
OPZH	glycol application to -5°C LWE	Lei	2.185,-	2.185,-	2.185,-
OPZL	glycol application to -10°C LWE	Lei	2.185,-	2.185,-	2.185,-

Capacity index		147	162	177	192
Basic model		EWQ049KAW1M EWQ049KAW1M EWQ049KAW1M	EWQ049KAW1M EWQ049KAW1M EWQ064KAW1M	EWQ049KAW1M EWQ064KAW1M EWQ064KAW1M	EWQ064KAW1M EWQ064KAW1M EWQ064KAW1M
Control box		ECB3MUBW	ECB3MUBW	ECB3MUBW	ECB3MUBW
Price	Lei	129.364,-	137.900,-	146.436,-	154.973,-
Cooling capacity	kW	141,6	155,5	163,3	183,2
Heating capacity ⁽²⁾	kW	172,8	190,3	207,9	225,5
Sound power level	dB(A)	57	61	62	63

Options						
OPZH	glycol application to -5°C LWE	Lei	3.278,-	3.278,-	3.278,-	3.278,-
OPZL	glycol application to -10°C LWE	Lei	3.278,-	3.278,-	3.278,-	3.278,-

Notes:

(1) Cooling: Ta DB/WB 35°C - LWE 7°C (DT = 5°C) data according EN 14511: 2011

(2) Heating: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C), data according EN 14511: 2011

Water cooled chiller

EWW(H)Q-G(L)-SS

- › Compact Water/Water Chiller with Scroll compressors
- › Refrigerant R410A
- › Evaporator as plate heat exchanger
- › Condenser as plate heat exchanger
- › Certified by Eurovent
- › High efficiency rating – Eurovent rating Class A
- › Electronic expansion valve
- › Sequential control for Master/Slave function as standard feature
- › Partial heat recovery optionally available
- › Soundproof enclosure (Sound Proof System) optionally available
- › Installed pump optionally available



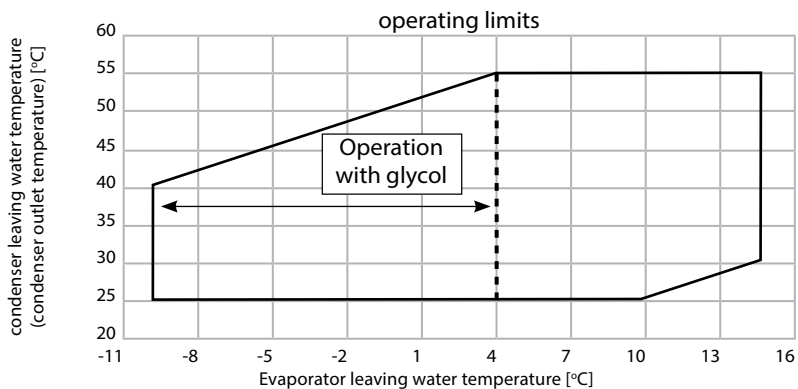
Standard equipment

- › Main switch
- › Direct start
- › Double setpoint value
- › Evaporator electric heater
- › Electronic expansion valve
- › Evaporator insulation 20 mm
- › Accumulative fault message

Operating limits (cooling only):

Condenser outlet temperature: +25°C to +55°C

Evaporator outlet temperature: -10°C to +15°C



EWQ-G-SS

One refrigerant circuit, standard efficiency rating

- › Single refrigerant circuit (2 scroll compressors) with single evaporator
- › Compact design to allow easy indoor installation or retrofit operations
- › Conceived for stacked installation of two single circuit units to reduce the footprint
- › Allows sequencing control (up to 4 units) without any external device
- › Stainless steel plate heat exchanger
- › Pump (low 100 kPa and high 200 kPa lift) available for evaporator and condenser



Type of unit (rated power in accordance with EN14511)	EWQ-G-SS	090	100	120	130	150	170	190	210	240	300	360		
Price	Lei	81.026,-	86.422,-	92.272,-	98.492,-	104.207,-	114.334,-	123.373,-	126.154,-	134.879,-	163.175,-	186.022,-		
Commissioning by DAIKIN service (net price)	Lei	3.484,-	3.484,-	3.484,-	3.484,-	4.255,-	4.255,-	4.255,-	4.255,-	4.255,-	4.255,-	4.255,-		
Cooling capacity	kW	93,7	106	119	136	150	172	194	221	246	314	370		
Power input	kW	21,3	24	26,9	30,5	33,9	38,9	43,8	51,2	56,6	70,2	84		
Refrigerant circuit		1	1	1	1	1	1	1	1	1	1	1		
Compressors		2	2	2	2	2	2	2	2	2	2	2		
EER		4,4	4,4	4,42	4,46	4,42	4,42	4,42	4,31	4,34	4,48	4,41		
ESEER		5,51	5,52	5,51	5,53	5,51	5,53	5,52	5,52	5,52	5,52	5,52		
Length x Width x Height	mm	2.432 x 928 x 1.066			2.264 x 928 x 1.066			2.432 x 928 x 1.066			2.432 x 928 x 1.186			
Weight of unit / Operating weight	kg	516/ 555	606/ 652	728/ 782	762/ 821	795/ 859	832/ 901	871/ 946	921/ 1.010	934/ 1.023	1.083/ 1.195	1.181/ 1.311		
Space heating	Average climate water outlet 35°C	ηs (Seasonal space heating efficiency)	%	163	163	165	168	168	167	164	162	166	-	
	SCOP			4,28	4,28	4,33	4,40	4,39	4,40	4,38	4,29	4,25	4,34	-
Sound power / Sound pressure (at 1m)	dB(A)	80/ 64	83/ 67	85/ 69	87/ 70	88/ 72	88/ 72	88/ 72	90/ 74	92/ 76	93/ 76	93/ 77		

Optional accessories for chiller:

Code	Type of unit	EWQ-G-SS	090	100	120	130	150	170	190	210	240	300	360
Mechanical													
130	Evaporator and condenser victaulic kit	Lei	Standard										
29	20Mm evaporator insulation	Lei	Standard										
60	Electronic expansion valve	Lei	Standard										
07a	Heat pump version (with reversibility on water side)	Lei	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-
133	Stacked installation	Lei	7.526,-	7.526,-	7.526,-	7.526,-	7.526,-	7.526,-	7.526,-	7.526,-	7.526,-	7.526,-	7.526,-
08	Brine version	Lei	2.187,-	2.187,-	2.187,-	2.187,-	2.187,-	2.187,-	2.187,-	2.187,-	2.187,-	2.187,-	2.187,-
03	Partial heat recovery	Lei	5.151,-	5.151,-	5.151,-	5.226,-	5.257,-	6.145,-	6.330,-	6.734,-	7.967,-	8.426,-	8.974,-
33	20Mm condenser insulation	Lei	793,-	793,-	793,-	793,-	793,-	793,-	793,-	793,-	793,-	793,-	793,-
126	Discharge and suction line shut-off valve	Lei	3.640,-	3.640,-	3.640,-	3.640,-	3.640,-	3.640,-	3.640,-	3.640,-	3.640,-	3.640,-	3.640,-
127	High and low pressure side manometers	Lei	1.188,-	1.188,-	1.188,-	1.188,-	1.188,-	1.188,-	1.188,-	1.188,-	1.188,-	1.188,-	1.188,-
76-c	Sound proof system (compressors jacket)	Lei	4.178,-	3.780,-	3.404,-	3.404,-	3.404,-	3.404,-	3.404,-	Not available			
76-b	Sound proof system (compressor)	Lei	13.726,-	13.726,-	13.726,-	13.726,-	13.726,-	13.726,-	13.726,-	13.726,-	13.726,-	13.726,-	13.726,-
91	Double pressure relief valve with diverter	Lei	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-
115	Water filter	Lei	2.281,-	2.281,-	2.281,-	2.281,-	2.281,-	2.281,-	2.281,-	2.281,-	2.281,-	2.281,-	3.589,-
122	Evaporator single pump (low lift)	Lei	5.321,-	5.321,-	5.665,-	5.665,-	5.665,-	9.389,-	9.389,-	9.389,-	9.389,-	9.389,-	8.714,-
123	Evaporator single pump (high lift)	Lei	6.114,-	6.114,-	6.509,-	6.509,-	6.509,-	10.801,-	10.801,-	10.801,-	10.801,-	10.801,-	10.023,-
124	Condenser single pump (low lift)	Lei	6.378,-	6.378,-	6.788,-	6.788,-	6.788,-	11.275,-	11.275,-	11.275,-	11.275,-	11.275,-	10.461,-
125	Condenser single pump (high lift)	Lei	7.343,-	7.343,-	7.807,-	7.807,-	7.807,-	12.967,-	12.967,-	12.967,-	12.967,-	12.967,-	12.024,-
Electrical / Control													
04	Dol starter	Lei	Standard										
132	Part winding start	Lei	Not available										
10	Double setpoint	Lei	Not available										
68	Hour run meter	Lei	Not available										
69	General fault contactor	Lei	Standard										
97	Main switch interlock door	Lei	Standard										
128	Master/Slave	Lei	Standard										
06	Soft starter	Lei	12.379,-	11.275,-	10.182,-	10.912,-	11.639,-	12.493,-	13.352,-	14.195,-	14.549,-	Not available	
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-
17	Capacitors for power factor correction	Lei	3.319,-	3.319,-	3.319,-	3.319,-	3.319,-	3.319,-	5.865,-	5.865,-	5.865,-	8.200,-	8.200,-
58	Evaporator flow switch	Lei	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-
59	Condenser flow switch	Lei	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-
95	Compressors circuit breakers	Lei	1.392,-	1.448,-	1.507,-	1.507,-	1.507,-	1.703,-	1.907,-	1.982,-	2.056,-	6.992,-	11.929,-
102	Ground fault relay	Lei	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-
Installation													
75	Rubber anti vibration mounts	Lei	869,-	869,-	869,-	869,-	869,-	869,-	869,-	869,-	869,-	869,-	869,-
Communication cards / Accessories													
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM3MSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWHQ-G-SS

One refrigerant circuit, standard efficiency rating
With reversible refrigerant circuit

- › Operating limits cooling:
 - Condenser outlet temperature: +25°C to + 55°C
 - Evaporator outlet temperature: -10°C to + 15°C
- › Operating limits heating:
 - Condenser outlet temperature: +20°C to + 50°C
 - Evaporator outlet temperature: -8°C to + 15°C



Type of unit (rated power in accordance with EN14511)	EWHQ-G-SS	100	120	130	150	160	190	210	240	270	340	400
Price	Lei	92.450,-	98.624,-	105.293,-	112.375,-	118.907,-	130.465,-	132.496,-	143.954,-	153.918,-	186.202,-	212.265,-
Commissioning by DAIKIN service personnel (net price)	Lei	3.484,-	3.484,-	3.484,-	3.484,-	4.255,-	4.255,-	4.255,-	4.255,-	4.255,-	4.255,-	4.255,-
Cooling capacity	kW	87,3	100	111	127	141	160	181	208	232	291	352
Power input	kW	22,4	25,3	28,5	32,0	35,6	41,1	46,0	53,3	59,1	73,7	88,4
Refrigerant circuit		1	1	1	1	1	1	1	1	1	1	1
Compressors		2	2	2	2	2	2	2	2	2	2	2
		3,90	3,95	3,91	3,96	3,95	3,90	3,93	3,90	3,92	3,95	3,98
ESEER		4,70	4,84	4,65	4,86	4,80	4,89	4,86	4,83	4,79	4,90	4,83
Length	mm	2.432	2.432	2.264	2.264	2.264	2.432	2.432	2.432	2.432	2.432	2.432
Width	mm	928	928	928	928	928	928	928	928	928	928	928
Height	mm	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.186	1.186
Weight of unit / Operating weight	kg	519/558	608/654	728/782	770/830	808/873	838/908	880/955	930/1.019	941/1.031	1.090/1.202	1.203/1.334
Space heating Average climate water outlet 35°C	%	155	155	158	162	161	161	161	167	166	158	-
ns (Seasonal space heating efficiency) SCOP		4,08	4,08	4,14	4,24	4,23	4,23	4,22	4,37	4,35	4,16	-
Sound power / Sound pressure (at 1m)	dB(A)	80/64	83/67	85/69	87/70	88/72	88/72	88/72	90/74	92/76	93/76	93/77

Optional accessories for chiller:

Code	Type of unit	EWHQ-G-SS	100	120	130	150	160	190	210	240	270	340	400
Mechanical													
130	Evaporator and condenser victaulic kit	Lei											
29	20Mm evaporator insulation	Lei											
33	20Mm condenser insulation	Lei											
60	Electronic expansion valve	Lei											
133	Stacked installation	Lei	7.601,-	7.601,-	7.601,-	7.601,-	7.601,-	7.601,-	7.601,-	7.601,-	7.601,-	7.601,-	7.601,-
08	Brine version	Lei	2.208,-	2.208,-	2.208,-	2.208,-	2.208,-	2.208,-	2.208,-	2.208,-	2.208,-	2.208,-	2.208,-
03	Partial heat recovery	Lei	5.202,-	5.202,-	5.202,-	5.277,-	5.308,-	6.206,-	6.392,-	6.800,-	8.044,-	8.509,-	9.062,-
129	Liquid line dishut of valve	Lei	1.199,-	1.199,-	1.199,-	1.199,-	1.199,-	1.406,-	1.406,-	1.406,-	1.406,-	1.599,-	1.599,-
126	Discharge and suction line shut-off valve	Lei	3.675,-	3.675,-	3.675,-	3.675,-	3.675,-	3.675,-	3.675,-	3.675,-	3.675,-	3.675,-	3.675,-
127	High and low pressure side manometers	Lei	1.199,-	1.199,-	1.199,-	1.199,-	1.199,-	1.199,-	1.199,-	1.199,-	1.199,-	1.199,-	1.199,-
76-c	Sound proof system (compressors jacket)	Lei	4.219,-	3.816,-	3.437,-	3.437,-	3.437,-	3.437,-	3.437,-				
76-b	Sound proof system (compressor)	Lei	13.861,-	13.861,-	13.861,-	13.861,-	13.861,-	13.861,-	13.861,-	13.861,-	13.861,-	13.861,-	13.861,-
91	Double pressure relief valve with diverter	Lei	4.400,-	4.400,-	4.400,-	4.400,-	4.400,-	4.400,-	4.400,-	4.400,-	4.400,-	4.400,-	4.400,-
115	Water filter	Lei	2.303,-	2.303,-	2.303,-	2.303,-	2.303,-	2.303,-	2.303,-	2.303,-	2.303,-	2.303,-	3.623,-
122	Evaporator single pump (low lift)	Lei	5.373,-	5.373,-	5.720,-	5.720,-	5.720,-	9.481,-	9.481,-	9.481,-	9.481,-	9.481,-	8.800,-
123	Evaporator single pump (high lift)	Lei	6.174,-	6.174,-	6.572,-	6.572,-	6.572,-	10.908,-	10.908,-	10.908,-	10.908,-	10.908,-	10.122,-
124	Condenser single pump (low lift)	Lei	5.373,-	5.373,-	5.720,-	5.720,-	5.720,-	9.481,-	9.481,-	9.481,-	9.481,-	9.481,-	8.800,-
125	Condenser single pump (high lift)	Lei	6.174,-	6.174,-	6.572,-	6.572,-	6.572,-	10.908,-	10.908,-	10.908,-	10.908,-	10.908,-	10.122,-
Electrical / Control													
04	Dol starter	Lei											Not available
132	Part winidng start	Lei											
10	Double setpoint	Lei											
68	Hour run meter	Lei											
69	General fault contactor	Lei											
97	Main switch interlock door	Lei											
128	Master/Slave	Lei											
06	Soft starter	Lei	12.499,-	11.387,-	10.282,-	11.019,-	11.753,-	12.616,-	13.483,-	14.335,-	14.692,-		Not available
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.804,-	1.804,-	1.804,-	1.804,-	1.804,-	1.804,-	1.804,-	1.804,-	1.804,-	1.804,-	1.804,-
17	Capacitors for power factor correction	Lei	3.352,-	3.352,-	3.352,-	3.352,-	3.352,-	3.352,-	5.923,-	5.923,-	5.923,-	8.280,-	8.280,-
58	Evaporator flow switch	Lei	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-
59	Condenser flow switch	Lei	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-	1.039,-
95	Compressors circuit breakers	Lei	1.406,-	1.463,-	1.521,-	1.521,-	1.521,-	1.719,-	1.926,-	2.001,-	2.077,-	7.061,-	12.046,-
102	Ground fault relay	Lei	3.482,-	3.482,-	3.482,-	3.482,-	3.482,-	3.482,-	3.482,-	3.482,-	3.482,-	3.482,-	3.482,-
Installation													
75	Rubber anti vibration mounts	Lei	877,-	877,-	877,-	877,-	877,-	877,-	877,-	877,-	877,-	877,-	877,-
Communication cards / Accessories													
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM8ACMSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWQ-L-SS

Standard efficiency rating, two refrigerant circuits

- › Operating limits cooling:
 - Condenser outlet temperature: +25°C to + 55°C
 - Evaporator outlet temperature: -10°C to + 15°C
- › Operating limits heating:
 - Condenser outlet temperature: +20°C to + 50°C
 - Evaporator outlet temperature: -8°C to + 15°C



Type of unit (rated power in accordance with EN14511)	EWQ-L-SS	180	205	230	260	290	330		
Price	Lei	153.352,-	154.610,-	165.825,-	176.627,-	188.732,-	204.145,-		
Commissioning by DAIKIN service personnel (net price)	Lei	5.799,-	5.799,-	5.799,-	5.799,-	5.799,-	5.799,-		
Cooling capacity	kW	187	215	244	273	303	345		
Power input	kW	41,7	47,3	53,1	60,2	67,1	77,1		
Refrigerant circuit		2	2	2	2	2	2		
Compressors		4	4	4	4	4	4		
EER		4,49	4,55	4,6	4,53	4,52	4,47		
ESEER		5,54	5,54	5,52	5,53	5,54	5,53		
Length	mm	2.801	2.801	2.801	2.801	2.801	2.801		
Width	mm	928	928	928	928	928	928		
Height	mm	1.970	1.970	1.970	1.970	1.970	1.970		
Weight of unit / Operating weight	kg	877/957	1.062/1.156	1.285/1.401	1.347/1.469	1.439/1.575	1.498/1.641		
Space heating	Average climate water outlet 35°C	ns (Seasonal space heating efficiency) SCOP	%	155	155	158	162	161	-
				4,08	4,08	4,14	4,24	4,23	-
Sound power / Sound pressure (at 1m)	dB(A)	83/65	86/68	88/70	90/72	91/74	91/74		

Optional accessories for chiller:

Code	Type of unit		180	205	230	260	290	330
Mechanical								
130	Evaporator and condenser victaulic kit	Lei						
29	20Mm evaporator insulation	Lei						
60	Electronic expansion valve	Lei						
07a	Heat pump version with reversibility on water side (including pursuit mode)	Lei	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-	1.392,-
08	Brine version	Lei	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-	4.358,-
03	Partial heat recovery	Lei	10.557,-	10.557,-	10.557,-	10.557,-	10.706,-	12.668,-
33	20Mm condenser insulation	Lei	1.582,-	1.582,-	1.582,-	1.582,-	1.582,-	1.582,-
126	Discharge and suction line shut-off valve	Lei	7.293,-	7.293,-	7.293,-	7.293,-	7.293,-	7.293,-
127	High and low pressure side manometers	Lei	2.376,-	2.376,-	2.376,-	2.376,-	2.376,-	2.376,-
76-c	Sound proof system (compressors jacket)	Lei	9.743,-	8.835,-	7.922,-	7.922,-	7.922,-	7.922,-
76-b	Sound proof system (compressor)	Lei	27.453,-	27.453,-	27.453,-	27.453,-	27.453,-	27.453,-
91	Double pressure relief valve with diverter	Lei	6.518,-	6.518,-	6.518,-	6.518,-	6.518,-	6.518,-
115	Water filter	Lei	2.281,-	2.281,-	2.281,-	2.281,-	2.281,-	3.589,-
122	Evaporator single pump (low lift)	Lei						
123	Evaporator single pump (high lift)	Lei						
Electrical / Control								
04	Dol starter	Lei						
10	Double setpoint	Lei						
68	Hour run meter	Lei						
69	General fault contactor	Lei						
97	Main switch interlock door	Lei						
128	Master/Slave	Lei						
132	Part winidng start	Lei						
06	Soft starter	Lei	26.704,-	24.463,-	22.246,-	23.768,-	25.303,-	27.054,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-	1.787,-
17	Capacitors for power factor correction	Lei	6.094,-	6.094,-	6.094,-	6.094,-	6.094,-	6.094,-
58	Evaporator flow switch	Lei	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-
59	Condenser flow switch	Lei	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-	1.029,-
95	Compressors circuit breakers	Lei	2.751,-	2.869,-	2.984,-	2.984,-	2.984,-	3.384,-
102	Ground fault relay	Lei	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-	3.449,-
Installation								
75	Rubber anti vibration mounts	Lei	1.233,-	1.233,-	1.233,-	1.233,-	1.233,-	1.233,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCMMLON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWLQ-KBW1N

- › One of the most compact units on the market
- › Daikin scroll compressor
- › Electronic DDC controller
- › Low operating sound level
- › Low energy consumption
- › Low refrigerant volume
- › Easy installation and maintenance
- › Stainless steel plate heat exchanger
- › Standard integrated: main switch, pressure ports, flow switch, filter, shutoff valves and air purge



Unit size		EWLQ014KBW1N	EWLQ025KBW1N	EWLQ033KBW1N	EWLQ049KBW1N	EWLQ064KBW1N
Price	Lei	19.351,-	25.973,-	30.069,-	40.989,-	48.579,-
Cooling capacity ⁽¹⁾	kW	12,05	21,87	27,69	43,40	56,71
EER		3,41	3,41	3,39	3,41	3,5
Sound power level	dB(A)	64	64	71	67	74
Options						
OPZH	glycol application to -5°C LWE	Lei 1.170,-	1.170,-	1.170,-	1.170,-	1.170,-
OPZL	glycol application to -10°C LWE	Lei 1.170,-	1.170,-	1.170,-	1.170,-	1.170,-
Kit						
EKLS1	low noise kit 5 HP	Lei 1.411,-	-	-	-	-
EKLS2	low noise kit 8/10/12 HP	Lei -	1.366,-	1.366,-	1.366,-	1.366,-
EKAC10C⁽²⁾	BMS address card	Lei 778,-	778,-	778,-	778,-	778,-
EKRUMCA⁽²⁾	remote user interface	Lei 1.439,-	1.439,-	1.439,-	1.439,-	1.439,-

Notes:

(1) Cooling: Ta DB/WB 35°C - LWE 7°C (DT = 5°C) data according EN 14511: 2011

(2) EKAC10C is needed for direct BMS connection via Modbus and to install EKRUMCA

EWLQ-G-SS

One refrigerant circuit, standard efficiency rating

- › Single refrigerant circuit (scroll compressors) with single evaporator
- › For chilled water production, to be combined with a remote condensing unit
- › Compact design to allow easy indoor installation or retrofit operations
- › Conceived for stacked installation of two single circuit units to reduce the footprint
- › High efficiency and reliable scroll compressor
- › Stainless steel plate heat exchanger



Type of unit (rated power in accordance with EN14511)	EWLQ-G-SS	090	100	120	130	150	170	190	210	240	300	360
Price	Lei	74.563,-	79.540,-	84.916,-	90.637,-	95.896,-	105.217,-	113.526,-	116.092,-	124.132,-	150.168,-	171.189,-
Commissioning by DAIKIN service (net price)	Lei	4.550,-	4.550,-	4.550,-	4.550,-	4.550,-	4.550,-	4.550,-	4.550,-	4.550,-	4.550,-	4.550,-
Cooling capacity	kW	86,5	98,4	110	125	139	160	181	206	231	290	346
Power input	kW	22,4	25,8	29,2	33	36,8	42	47	54,2	59,9	75,6	91,8
Refrigerant circuit		1	1	1	1	1	1	1	1	1	1	1
Compressors		2	2	2	2	2	2	2	2	2	2	2
EER		3,86	3,81	3,78	3,79	3,79	3,8	3,86	3,8	3,85	3,84	3,77
Length	mm	2.743	2.743	2.743	2.743	2.743	2.743	2.743	2.743	2.743	2.743	2.743
Width	mm	928	928	928	928	928	928	928	928	928	928	928
Height	mm	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.186	1.186
Weight of unit / Operating weight	kg	494/525	578/615	686/729	714/760	742/791	773/826	807/863	838/901	852/916	967/1.044	1.046/1.134
Sound power / Sound pressure (at 1m)	dB(A)	80/64	83/67	85/69	87/70	88/72	88/72	88/72	90/74	92/76	93/76	93/77

Optional accessories for chiller:

Code	Type of unit	EWLQ-G-SS	090	100	120	130	150	170	190	210	240	300	360
Mechanical													
20	Evaporator victaulic kit	Lei											
29	20mm evaporator insulation	Lei						Standard					
60	Electronic expansion valve	Lei											
133	Stacked installation	Lei	7.490,-	7.490,-	7.490,-	7.490,-	7.490,-	7.490,-	7.490,-	7.490,-	7.490,-	7.490,-	7.490,-
08	Brine version	Lei	2.176,-	2.176,-	2.176,-	2.176,-	2.176,-	2.176,-	2.176,-	2.176,-	2.176,-	2.176,-	2.176,-
03	Partial heat recovery	Lei						Not available					
126	Discharge and suction line shut-off valve	Lei	3.620,-	3.620,-	3.620,-	3.620,-	3.620,-	3.620,-	3.620,-	3.620,-	3.620,-	3.620,-	3.620,-
127	High and low pressure side manometers	Lei	1.182,-	1.182,-	1.182,-	1.182,-	1.182,-	1.182,-	1.182,-	1.182,-	1.182,-	1.182,-	1.182,-
76-c	Sound proof system (compressors jacket)	Lei	4.157,-	3.759,-	3.387,-	3.387,-	3.387,-	3.387,-	3.387,-				
76-b	Sound proof system (compressor)	Lei	13.657,-	13.657,-	13.657,-	13.657,-	13.657,-	13.657,-	13.657,-	13.657,-	13.657,-	13.657,-	13.657,-
91	Double pressure relief valve with diverter	Lei	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-
115	Water filter	Lei	2.270,-	2.270,-	2.270,-	2.270,-	2.270,-	2.270,-	2.270,-	2.270,-	2.270,-	2.270,-	3.570,-
122	Evaporator single pump (low lift)	Lei	5.293,-	5.293,-	5.637,-	5.637,-	5.637,-	9.340,-	9.340,-	9.340,-	9.340,-	9.340,-	8.671,-
123	Evaporator single pump (high lift)	Lei	6.083,-	6.083,-	6.476,-	6.476,-	6.476,-	10.745,-	10.745,-	10.745,-	10.745,-	10.745,-	9.972,-
Electrical / Control													
04	Dol starter	Lei						Standard					Not available
132	Part winding start	Lei						Not available					Standard
10	Double setpoint	Lei											
68	Hour run meter	Lei											
69	General fault contactor	Lei						Standard					
97	Main switch interlock door	Lei											
128	Master/Slave	Lei											
06	Soft starter	Lei	12.315,-	11.218,-	10.131,-	10.857,-	11.580,-	12.429,-	13.284,-	14.123,-	14.967,-		Not available
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	Lei	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-
17	Capacitors for power factor correction	Lei	3.302,-	3.302,-	3.302,-	3.302,-	3.302,-	3.302,-	5.835,-	5.835,-	5.835,-	8.159,-	8.159,-
58	Evaporator flow switch	Lei	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-
95	Compressors circuit breakers	Lei	1.384,-	1.440,-	1.500,-	1.500,-	1.500,-	1.694,-	1.897,-	1.970,-	2.046,-	6.956,-	11.868,-
102	Ground fault relay	Lei	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-
Installation													
75	Rubber anti vibration mounts	Lei	865,-	865,-	865,-	865,-	865,-	865,-	865,-	865,-	865,-	865,-	865,-
Communication cards / Accessories													
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCMBA03STP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM1LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

EWLQ-L-SS

Standard efficiency rating, two refrigerant circuits

- › Dual refrigerant circuit (scroll compressors) with single evaporator
- › For chilled water production, to be combined with a remote condensing unit
- › Compact design to allow easy indoor installation or retrofit operations
- › High efficiency and reliable scroll compressor
- › Stainless steel plate heat exchanger



Type of unit (rated power in accordance with EN14511)	EWLQ-L-SS	180	205	230	260	290	330
Price	Lei	137.997,-	139.130,-	149.225,-	158.938,-	169.828,-	183.703,-
Commissioning by DAIKIN service (net price)	Lei	6.780,-	6.780,-	6.780,-	6.780,-	6.780,-	6.780,-
Cooling capacity	kW	173	197	224	249	279	317
Power input	kW	44,3	51,1	57,9	65,6	73,2	83,8
Refrigerant circuit		2	2	2	2	2	2
Compressors		4	4	4	4	4	4
EER		3,91	3,86	3,87	3,79	3,81	3,78
Length	mm	2.801	2.801	2.801	2.801	2.801	2.801
Width	mm	928	928	928	928	928	928
Height	mm	1.970	1.970	1.970	1.970	1.970	1.970
Weight of unit / Operating weight	kg	832/894	1.007/1.081	1.202/1.292	1.252/1.345	1.333/1.436	1.380/1.486
Sound power / Sound pressure (at 1m)	dB(A)	83/65	86/68	88/70	90/72	91/74	91/74

Optional accessories for chiller:

Code	Type of unit	EWLQ-L-SS	180	205	230	260	290	330
Mechanical								
20	Evaporator victaulic kit	Lei	Standard					
29	20mm evaporator insulation	Lei	Standard					
60	Electronic expansion valve	Lei	Standard					
08	Brine version	Lei	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-	4.335,-
126	Discharge and suction line shut-off valve	Lei	7.255,-	7.255,-	7.255,-	7.255,-	7.255,-	7.255,-
127	High and low pressure side manometers	Lei	2.363,-	2.363,-	2.363,-	2.363,-	2.363,-	2.363,-
76-c	Sound proof system (compressors jacket)	Lei	9.693,-	8.789,-	7.882,-	7.882,-	7.882,-	7.882,-
76-b	Sound proof system (compressor)	Lei	27.312,-	27.312,-	27.312,-	27.312,-	27.312,-	27.312,-
91	Double pressure relief valve with diverter	Lei	6.486,-	6.486,-	6.486,-	6.486,-	6.486,-	6.486,-
115	Water filter	Lei	2.270,-	2.270,-	2.270,-	2.270,-	2.270,-	3.570,-
122	Evaporator single pump (low lift)	Lei	Contact Factory					
123	Evaporator single pump (high lift)	Lei	Contact Factory					
Electrical / Control								
04	Dol starter	Lei	Standard					
10	Double setpoint	Lei	Standard					
68	Hour run meter	Lei	Standard					
69	General fault contactor	Lei	Standard					
97	Main switch interlock door	Lei	Standard					
128	Master/Slave	Lei	Standard					
132	Part windng start	Lei	Not available					
06	Soft starter	Lei	26.568,-	24.337,-	22.133,-	23.647,-	25.173,-	26.915,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card POL965)	Lei	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-	1.778,-
17	Capacitors for power factor correction	Lei	6.064,-	6.064,-	6.064,-	6.064,-	6.064,-	6.064,-
58	Evaporator flow switch	Lei	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-	1.023,-
95	Compressors circuit breakers	Lei	2.737,-	2.855,-	2.970,-	2.970,-	2.970,-	3.367,-
102	Ground fault relay	Lei	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-	3.431,-
Installation								
75	Rubber anti vibration mounts	Lei	1.227,-	1.227,-	1.227,-	1.227,-	1.227,-	1.227,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	Lei	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-	1.618,-
EKCM200MSTP	BMS card (BacNet/ MSTP)	Lei	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-	1.938,-
EKCM200LON	BMS card (LonWorks)	Lei	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-	1.889,-

NEW iCM is available in two versions:

Standard



(Configuration)



(Basic)
(≤4 MT3 chillers)



(Light/Full)
(≤4/≤8 MT3 chillers & peripherals)

Standard version

Configurable controller with a pre-set library of applications. The standard system is divided into three configurations according to how many chillers and peripherals it can manage.

Customised



(Free-programmable)



(Customised)

Customised version

Free-programmable controller for those applications not covered by the Standard version.

ICMPAF

ICMPAL

ICMPAB

intelligent Chiller Manager		
iCM Basic[®] , for evaporator side management up to 8 chiller manageable (without peripheral device)	Lei	EKDICMPAB 27.743,-
iCM Light[®] , for evaporator side management up to 8 chiller, up to 4 evaporator pumps, up to 4 evaporator shut-off valves, 1 bypass valve (evaporator side) manageable	Lei	EKDICMPAL 67.117,-
iCM Full[®] , for evaporator side management up to 8 chiller, up to 8 evaporator pumps, up to 8 evaporator shut-off valves, 1 bypass valve (evaporator side) manageable	Lei	EKDICMPAF 99.958,-
iCM Customised based on ad hoc specifications	Lei	on request

iCMPWF

ICMPWL

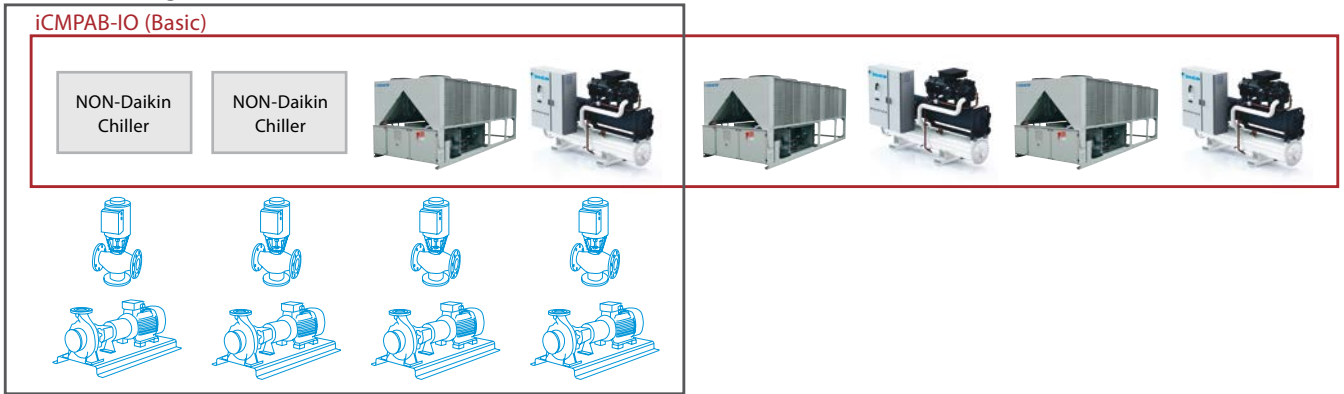
ICMPAB

intelligent Chiller Manager		
iCM Light , for evaporator and condenser side management up to 8 chillers, up to 4 evaporator pumps and 4 condenser pumps, up to 4 evaporator and 4 condenser shut-off valves, 1 bypass valve (evaporator side), 1 bypass valve (condenser side) manageable	Lei	EKDICMPWL on request
iCM Full , for evaporator and condenser side management up to 8 chillers, up to 8 evaporator pumps and 8 condenser pumps, up to 8 evaporator and 8 condenser shut-off valves, 1 bypass valve (evaporator side), 1 bypass valve (condenser side) manageable	Lei	EKDICMPWF on request

intelligent Chiller Manager - iCM

iCMPAL-IO (Light)

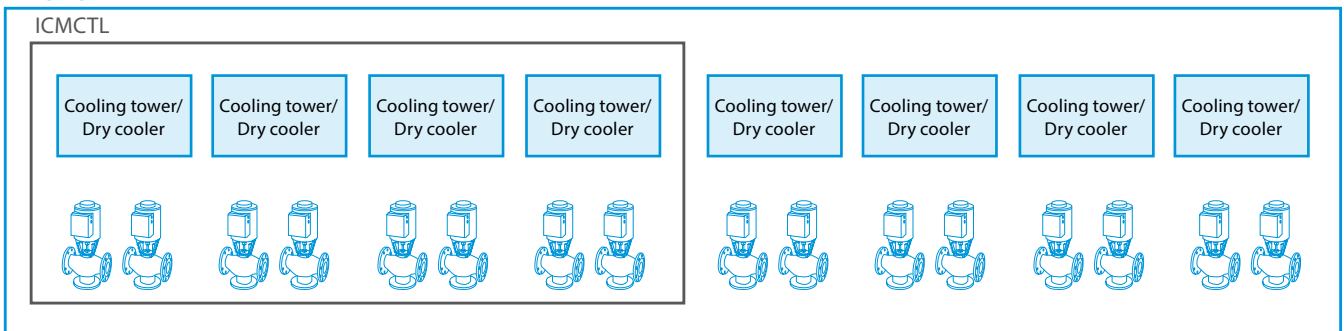
iCMPAB-IO (Basic)



intelligent Chiller Manager		
iCM Basic , for evaporator side management of Daikin and Non-Daikin Chiller up to 8 chillers (up to 2 non-Daikin) manageable	Lei	EKDICMPAB-IO on request
iCM Light , for evaporator side management of Daikin and Non-Daikin Chiller up to 8 chillers (up to 2 non-Daikin), up to 4 evaporator pumps, up to 4 evaporator shut-off valves, 1 bypass valve (evaporator side) manageable	Lei	EKDICMPAL-IO on request

ICMCTF

ICMCTL



intelligent Chiller Manager		
ICM Light , for Cooling tower/Dry Cooler management up to 4 Cooling tower/Dry Cooler, up to 4 fan, up to 4 sump valves, up to 4 spray valves manageable	Lei	EKDICMCTL on request
ICM Full , for Cooling tower/Dry Cooler management up to 4 groups of Cooling tower/Dry Cooler, up to 8 fan, up to 8 sump valves, up to 8 spray valves manageable	Lei	EKDICMCTF on request

Scope and type of equipment which can be controlled by iCM

	Specification
Chiller (Dedicated/Manifolded)	≤8
Operating mode	Cooling
Evaporator pumps (CSD/VFD) & (Dedicated/Manifolded)	≤8
Shut-off valves (evaporator side)	≤8
Bypass valve (evaporator side)	✓
Condenser pumps (CSD/VFD) & (Dedicated/Manifolded)	≤8
Shut-off valves (condenser side)	≤8
Bypass valve (condenser side)	✓
Cooling tower/Dry cooler fans (CSD/VFD)	≤(8x3)

Commissioning and Installation iCM ⁽²⁾		
iCM Basic Configuration and settings, fine tuning on site	Lei	CE.S_ICM_AS_BASIC on request
iCM Light Configuration and settings, wiring test, fine tuning on site	Lei	CE.S_ICM_AS_LIGHT on request
iCM Full Configuration and settings, wiring test, fine tuning on site	Lei	CE.S_ICM_AS_FULL on request
iCM Customised	Lei	CE.S_ICM_AS_COM on request

Notes:

(1)The iCM option is compatible for the following chiller series: EWHA~TZB, EWAD~TZB, EWAD~T- (B), EWAQ~G-, EWAQ~E (single), EWAQ~F (dual), EWAT_B (single), EWAT_B (dual), EWAD~CZ, EWAD~CF, EW_Q-G, EW_Q-L, EWWD~G-, EWLD~G-, EWLD~I-, EWWD~J-, EWLD~J-, EWWH~VZ A, EWWD~VZ A, EWWH~DZ, EWWD~DZ, DWSC & DWDC, WTC. Daikin chiller not in this list and non-Daikin (3rd party) chillers, can be managed by EKDICMPAB/L-IO

(2) Note that the price are net installer prices.





FWE-C

AC fan motor unit for horizontal concealed mounting

- › 2-pipe and 4-pipe units in 7 sizes
- › 4-speed fan motor
- › External pressure max. 40 Pa
- › System pressure max. 16 bar
- › Water temperature from + 3°C to +70°C
- › Air temperature from +10°C to +36°C
- › Factory mounted valve (both left and right side)
- › Condensate pump not included
- › Water connections and electrical connections standard - left



Low ESP duct unit FWE-C		02	03	04	06	07	08	10
FWE**CT- , 2 pipe unit, standard, without valves	Lei	1.174,-	1.330,-	1.446,-	1.880,-	2.032,-	2.371,-	2.854,-
FWE**CTV , 2 pipe unit, with 3-ways 230V on/off valve, factory mounted	Lei	2.032,-	2.186,-	2.302,-	2.738,-	2.892,-	3.233,-	3.715,-
FWE**CTT , 2 pipe unit, with 2-ways 230V on/off valve, factory mounted	Lei	1.656,-	1.821,-	1.929,-	2.371,-	2.513,-	2.854,-	3.335,-
Cooling capacity (Total at Super High Speed) ⁽¹⁾	kW	2,17	3,22	4,34	6,06	6,83	7,84	9,96
Heating capacity (2-pipe at Super High Speed) ⁽²⁾	kW	2,79	4,28	5,61	7,66	9,26	10,50	13,00
Airflow	m ³ /h	430	638	910	1.195	1.559	1.753	2.177
Sound power level	dB(A)	51	61	58	62	62	64	65
FWE**CF- , 4 pipe unit, standard, without valves	Lei	1.373,-	1.554,-	1.680,-	2.163,-	2.313,-	2.712,-	3.194,-
FWE**CFV , 4 pipe unit, with 3-ways 230V on/off valves, factory mounted	Lei	2.868,-	3.053,-	3.185,-	3.667,-	3.808,-	4.208,-	4.690,-
FWE**CFT , 4 pipe unit, with 2-ways 230V on/off valves, factory mounted	Lei	2.328,-	2.503,-	2.634,-	3.112,-	3.268,-	3.667,-	4.149,-
Cooling capacity (Total at Super High Speed) ⁽¹⁾	kW	2,10	3,16	3,98	6,05	6,78	7,79	9,91
Heating capacity (4-pipe at Super High Speed) ⁽³⁾	kW	2,30	3,53	4,56	6,17	7,60	8,52	10,40
Airflow (High Speed)	m ³ /h	416	626	835	1.193	1.548	1.742	2.166
Sound power level (High Speed)	dB(A)	51	61	58	62	62	64	65

Accessories for FWE-C 02		02	03	04	06	07	08	10
 2 pipes 3-ways on/off 230V valve kit On / Off function, including piping unit					EK2MV3B10C5			
	Lei				492,-			
 2 pipes 2-ways on/off 230V valve kit On / Off function, including piping unit					EK2MV2B10C5			
	Lei				370,-			
 4 pipes 3-ways on/off 230V valve kit On / Off function, including piping unit					EK4MV3B10C5			
	Lei				846,-			
 4 pipes 2-ways on/off 230V valve kit On / Off function, including piping unit					EK4MV2B10C5			
	Lei				722,-			

Notes:

- (1) Cooling: 2/4 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C
- (2) Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode
- (3) Heating: 4 pipe: air 20°CDB, entering water 50°C, leaving water 40°C





FWB-B

AC fan motor unit for horizontal concealed mounting

- › Low sound power levels and electrical absorption thanks to plastic impeller and improved electric motor
- › 2-pipe devices in 9 sizes
- › 7- speed fan motor
- › 3, 4 or 6 stage row cooling coil
- › External pressure max. 80 Pa
- › System pressure max. 10 bar
- › Water temperature from + 5 °C to + 95 °C
- › Air temperature from + 5 °C to + 43 °C
- › Factory mounted 3-way valve
- › Additional heating coil or factory -installed electric heater available
- › Condensate pump not included



Medium ESP duct unit FWB-B		02	03	04	05	06	07	08	09	10
FWB**BTN , 2 pipe unit, standard, without valves	Lei	2.269,-	2.410,-	2.552,-	3.092,-	3.194,-	3.492,-	4.217,-	4.455,-	4.747,-
FWB**BTV , 2 pipe unit, with 3-ways 230V on/off valve, factory mounted	Lei	2.985,-	3.135,-	3.277,-	3.808,-	3.925,-	4.217,-	4.982,-	5.216,-	5.511,-
FWB**BTNE , 2 pipe unit, without valves and electric heater, factory mounted	Lei	3.642,-	3.794,-	3.948,-	4.616,-	4.734,-	5.030,-	5.862,-	6.097,-	6.394,-
FWB**BTVE , 2 pipe unit, with 3-ways 230V on/off valve and electric heater, factory mounted	Lei	4.373,-	4.514,-	4.665,-	5.347,-	5.455,-	5.756,-	6.627,-	6.862,-	7.158,-
Cooling capacity (Total at High Speed) ⁽¹⁾	kW	2,32	2,82	3,13	4,47	4,74	5,69	5,70	6,48	7,65
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	2,54	2,80	3,00	4,70	5,15	5,56	5,95	6,57	7,18
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	3,97	3,97	3,97	6,97	6,97	6,97	16,44	16,44	16,44
Electric heater power input	kW	2,0	2,0	2,0	2,5	2,5	2,5	3,0	3,0	3,0
Airflow (High Speed)	m ³ /h	371	371	371	722	722	722	905	905	905
Sound power level (High Speed)	dB(A)	58	58	58	60	60	60	69	69	69

Accessories for FWB-B		02	03	04	05	06	07	08	09	10
 Additional single row heat exchanger max. + 95 °C water temperature		EAH04A6			EAH07A6			EAH10A6		
	Lei	787,-			910,-			1.239,-		
 3-way valve add. h/e Actuator 230V included		E2MV307A6						E2MV310A6		
	Lei	812,-						812,-		
 2-way valve add. h/e Actuator 230V included		E2MV207A6						E2MV210A6		
	Lei	458,-						458,-		
 Fan stop thermostat Nedeed with controller FWEC1A		YFSTA6								
	Lei	88,-								
Drain pump		CDRP1A								
	Lei	1.026,-								
Plenum box insulated with circular connections (supply side)		EPAA02A6			EPAA05A6			EPAA08A6		
	Lei	122,-			726,-			1.054,-		

Notes:

- (1) Cooling: indoor temp. 27°CDB, 19°CWB; entering water temp. 7°C, water temperature rise 5K.
- (2) Heating: indoor temp. 20°CDB, 15°CWB; entering water temp. 45°C, water temperature drop 5K.
- (3) Heating: 4 pipe: air 20°CDB, entering water 70°C, leaving water 60°C

FWP-A




BLDC fan motor unit for horizontal concealed mounting.
 Continuous air flow regulation and fan speed modulation.

- › Low sound level and up to 50% energy saving thanks to the BLDC motor technology
- › 2-pipe devices in 6 sizes
- › 3-stage fan motor
- › External pressure max. 80 Pa
- › System pressure max. 10 bar
- › Water temperature from + 5 °C to + 95 °C
- › Air temperature from + 5 °C to + 43 °C
- › Factory mounted 3-way valve



- › Additional heating coil or electric heater available
- › Condensate pump not included

Medium ESP duct unit with DC fan motor FWP-A		02	03	04	05	06	07
FWP**ATN , 2 pipe unit, standard, without valves	Lei	3.233,-	3.375,-	3.501,-	4.100,-	4.149,-	4.431,-
FWP**ATV , 2 pipe unit, with 3-ways 230V on/off valve, factory mounted	Lei	3.948,-	4.091,-	4.217,-	4.831,-	4.874,-	5.157,-
FWP**ATNE , 2 pipe unit, without valves and electric heater, factory mounted	Lei	4.616,-	4.757,-	4.889,-	5.639,-	5.688,-	5.971,-
FWP**ATVE , 2 pipe unit, with 3-ways 230V on/off valve and electric heater, factory mounted	Lei	5.337,-	5.477,-	5.604,-	6.369,-	6.418,-	6.695,-
Cooling capacity (Total at High Speed) ⁽¹⁾	kW	2,38	2,88	3,19	4,58	4,85	5,8
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	2,54	2,80	3,00	4,71	5,15	5,56
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	3,02	3,02	3,02	5,68	5,68	5,68
Electric heater power input	kW	2,0	2,0	2,0	2,5	2,5	2,5
Airflow (High Speed)	m ³ /h	371	371	371	722	722	722
Sound power level (High Speed)	dB(A)	58	58	58	60	60	60

Accessories for FWP-A		02	03	04	05	06	07
 Additional single row heat exchanger max. + 95 °C water temperature		EAH04A6			EAH07A6		
	Lei	787,-			910,-		
 3-way valve add. h/e Actuator 230V included		E2MV307A6					
	Lei	812,-					
 2-way valve add. h/e Actuator 230V included		E2MV207A6					
	Lei	458,-					
Drain pump		CDRP1A					
	Lei	1.026,-					
Plenum box (insulated with circular connections (supply side))		EPAA02A6			EPAA05A6		
	Lei	122,-			726,-		

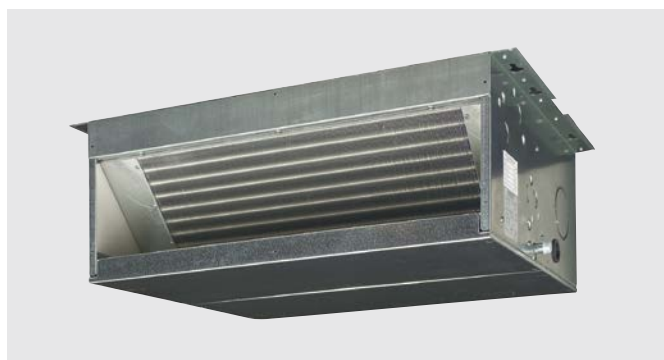
Notes:

- (1) Cooling: indoor temp. 27°CDB, 19°CWB; entering water temp. 7°C, water temperature rise 5K.
- (2) Heating: indoor temp. 20°CDB, 15°CWB; entering water temp. 45°C, water temperature drop 5K.
- (3) Heating: 4 pipe: air 20°CDB, entering water 70°C, leaving water 60°C

FWN-A








BLDC fan motor unit for horizontal or vertical mounting.
Continuous air flow regulation and fan speed modulation

- › Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- › Instant adjustment to temperature and relative humidity changes
- › Low operating sound level
- › Highly flexible solutions: multiple sizes, piping topologies and connection valves
- › Available static pressure up to 70 Pa



2-pipe unit FWN**AT		04	05	06	07	08	10
Price	Lei	3.713,-	3.987,-	6.659,-	7.042,-	7.272,-	7.614,-
Cooling capacity (Total at High Speed) ⁽¹⁾	kW	3,91	4,76	6,17	6,81	7,83	8,75
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	4,85	5,79	7,67	8,65	9,46	10,70




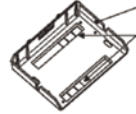


4-pipe unit FWN**AF		04	05	06	07	08	10
Price	Lei	4.184,-	4.567,-	7.220,-	7.574,-	7.949,-	8.396,-
Cooling capacity (Total at High Speed) ⁽¹⁾	kW	3,88	4,72	6,06	6,69	7,70	8,60
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	4,48	4,45	6,53	6,44	9,13	9,07

Accessories for FWN-A		04	05	06	07	08	10
	Electric heater low capacity	EDEH04A6		EDEHS06A6		EDEHS10A6	
	Capacity	2,0		3,0		4,5	
	Price	Lei	1.521,-	2.631,-	2.631,-		
	Electric heater high capacity	EDEH04A6		EDEHB06A6		EDEHB10A6	
	Capacity	2,0		6,0		9,0	
	Price	Lei	1.521,-	2.631,-	2.631,-		
	2-pipe 3-way valve Actuator 230V included	ED2MV04A6		ED2MV10A6			
	Price	Lei	1.126,-	1.126,-			
	4-pipe 3-way valve Actuator 230V included	ED4MV04A6		ED4MV10A6			
	Price	Lei	2.165,-	2.165,-			
	Vertical drainpan					EDDPV10A6	
	Price	Lei					88,-
	Horizontal drainpan					EDDPH10A6	
	Price	Lei					88,-
	Fresh air intake Servomotor 24V ~ Incl. Positioner 0 ... 100%	EDMFA04A6		EDMFA06A6		EDMFA10A6	
	Price	Lei	5.089,-	5.153,-	5.277,-		
Drain pump	Lei					CDRP1A 1.026,-	

Notes:

- (1) Cooling: Inlet/outlet water temperature 7/12 °C; inlet air temperature 27°C DB 19°C WB
 (2) Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode
 (3) Heating: 4 pipe: Inlet/outlet water temperature 70/60 °C; inlet air temperature 20°C DB

FWP-A, FWN-A

	FWP-A	02	03	04	05	06	07		
	FWN-A			04	05	06	07	08	010
	Electronic Controller - advanced plus version 3 or 4 stages speed controller (or stepless for EC motor); on/off control valve; heating/cooling function; digital input for external release or window contact; master/slave function via RS485 (ModBus protocol); timer with weekly program and illuminated LCD	Lei				FWEC3A			
									998,-
	Split type electronic controller FWEC3AP power control board 3 digital inputs and 1 configurable digital output; 3 analogue outputs 0-10V; Bus communication via RS485 (ModBus protocol); master/slave function up to 256 devices	Lei				FWEC3AP			FWEC3AP+FWEC3AC
									757,-
	FWEC3AC control panel for remote or on board installation 3 or 4 stages speed controller; on/off or modulating control valve; heating/cooling function; digital input for external release or window contact; digital input for central heating/cooling changeover; master/slave function via RS485 (ModBus protocol); timer with weekly program and illuminated LCD	Lei				FWEC3AC			
									571,-
	Wall mounting kit (spacing collar) for FWEC1A /2A and 3A	Lei				FWFCKA			
									63,-
	Temperature sensor kit for FWEC1A /2A and 3A; with 1.5 meters of cable	Lei				FWTSKA			
									63,-
	Relative humidity sensor kit for FWEC2A and FWEC3A; with 1.5 meters of cable	Lei				FWHSKA			
									113,-

FWD-A

AC fan motor unit for horizontal concealed mounting

- › 2 and 4-pipe devices in 7 sizes
- › 3-stage fan motor
- › External pressure max. 120 Pa
- › System pressure max. 10 bar
- › Water temperature from + 5 ° C to + 95 ° C
- › Air temperature from + 5 ° C to + 43 ° C
- › Factory mounted 2 or 3 way valve
- › Condensate pump not included













2-pipe unit FWD**AT		04	06	08	10	12	16	18
Price	Lei	2.712,-	3.575,-	4.183,-	4.656,-	5.781,-	7.416,-	8.157,-
Cooling capacity (Total at High Speed) ⁽¹⁾	kW	3,90	6,20	7,80	8,82	11,90	16,40	18,30
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	4,05	7,71	9,43	10,79	14,45	19,81	21,92
Airflow	m ³ /h	800	1.250	1.600	1.600	2.200	3.000	3.000
Sound power level	dB(A)	66	69	72	72	74	78	78
4-pipe unit FWD**AF		04	06	08	10	12	16	18
Price	Lei	3.185,-	4.159,-	4.855,-	5.380,-	6.779,-	8.590,-	9.412,-
Cooling capacity (Total at High Speed) ⁽³⁾	kW	3,90	6,20	7,80	8,82	11,90	16,40	18,30
Heating capacity (4-pipe at High Speed) ⁽⁴⁾	kW	4,49	6,62	9,21	9,21	15,86	21,15	21,15
Airflow	m ³ /h	800	1.250	1.600	1.600	2.200	3.000	3.000
Sound power level	dB(A)	66	69	72	72	74	78	78

Accessories for FWD-A		04	06	08	10	12	16	18
Electric heater low capacity		EDEH04A6	EDEHS06A6	EDEHS10A6		EDEHS12A6	EDEHS18A6	
	kW	2,0	3,0	4,5	4,5	4,5	9,0	9,0
	Lei	1.521,-	2.631,-	2.631,-	2.631,-	2.631,-	2.971,-	2.971,-
Electric heater high capacity		EDEH04A6	EDEHB06A6	EDEHB10A6		EDEHB12A6	EDEHB18A6	
	kW	2,0	6,0	9,0	9,0	9,0	12,0	12,0
	Lei	1.521,-	2.631,-	2.631,-	2.631,-	2.631,-	2.971,-	2.971,-
2-pipe 3-way valve Actuator 230V included		ED2MV04A6		ED2MV10A6		ED2MV12A6	ED2MV18A6	
	Lei	1.126,-		1.126,-		1.126,-	1.165,-	
4-pipe 3-way valve Actuator 230V included		ED4MV04A6		ED4MV10A6		2 x ED2MV12A6		2 x ED2MV18A6
	Lei	2.165,-		2.165,-		2.251,-		2.329,-
Vertical drainpan		EDDPV10A6				EDDPV18A6		
	Lei	88,-				113,-		
Horizontal drainpan		EDDPH10A6				EDDPH18A6		
	Lei	88,-				113,-		
Fan stop thermostat		YFSTA6						
	Lei	88,-						
Fresh air intake Servomotor 24V ~ Incl. Positioner 0 ... 100%		EDMFA04A6	EDMFA06A6	EDMFA10A6		EDMFA12A6	EDMFA18A6	
	Lei	5.089,-	5.153,-	5.277,-		5.543,-	5.685,-	
Drain pump		CDRP1A						
	Lei	1.026,-						

Notes:

- (1) Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C at nominal air flow and ESP
- (2) Heating: 2 pipe: air 20°CDB; entering water 50°C; water flow as in cooling mode at nominal air flow and ESP
- (3) Rating conditions 4-pipe: air 27°CDB - 19°CWB - entering water 7°C - leaving water 12°C at nominal air flow and ESP
- (4) Rating conditions 4-pipe:g: 4-pipe: air 20°CDB - entering water 70°C - leaving water 60°C at nominal air flow and ESP

FWD-A

Controller for FWD		04	06	08	10	12	16	18
	Electronic Controller - standard version It can operate with 3 speeds of fan only, if it also manages 2 valves on 4-pipes unit; on/off control valve; heating/cooling function; digital input for external release or window contact		FWEC1A			FWEC1A EPIB6 requested		
	Lei		506,-			506,-		
	Electronic Controller - advanced version 3 or 4 stages speed controller; on/off control valve; heating/cooling function; digital input for external release or window contact; master/slave function via RS485 (ModBus protocol)		FWEC2A			FWEC2A EPIB6 requested		
	Lei		733,-			733,-		
	Electronic Controller - advanced plus version 3 or 4 stages speed controller (or stepless for EC motor); on/off control valve; heating/cooling function; digital input for external release or window contact; master/slave function via RS485 (ModBus protocol); timer with weekly program and illuminated LCD		FWEC3A			FWEC3A EPIB6 requested		
	Lei		998,-			998,-		
Split type electronic controller		FWECSAP+FWECSAC						
	FWECSAP power control board 3 digital inputs and 1 configurable digital output; 3 analogue outputs 0-10V; Bus communication via RS485 (ModBus protocol); master/slave function up to 256 devices		FWECSAP					
	Lei		757,-					
	FWECSAC control panel for remote or on board installation 3 or 4 stages speed controller; on/off or modulating control valve; heating/cooling function; digital input for external release or window contact; digital input for central heating/cooling changeover; master/slave function via RS485 (ModBus protocol); timer with weekly program and illuminated LCD		FWECSAC					
	Lei		571,-					
	Wall mounting kit (spacing collar) for FWEC 1A /2A and 3A		FWFCKA					
	Lei		63,-					
	Temperature sensor kit for FWEC*A; with 1.5 meters of cable		FWTSKA					
	Lei		63,-					
	Relative humidity sensor kit for FWEC2A and FWEC3A; with 1.5 meters of cable		FWHSKA					
	Lei		113,-					
	Master/Slave interface for connection of max. 4 devices to a remote control; max. 3.2 Amp. operating current per device connection		EPIMSA6					
	Lei		747,-					
	Power interface for using electronic remote controller FWEC(1,2,3)A + new split controller FWECSA		-			EPIB6		
	Lei					747,-		

Notes:

For FWD size 12, 16 or 18 EPIB6 needs to be used for each FWD unit to connect to FWEC*A controllers.

If FWD size 12, 16 or 18 are used in Master/Slave application by using EPIMSA6 still EPIB6 needs to be used for each FWD to connect to EPIMSA6.







FWF-C

Fan coil

- › 2-pipe device
- › 3-stage fan motor
- › System pressure max. 16 bar
- › Water temperature from + 5 °C to + 50 °C (2-pipe devices)
- › Built-in high pressure drain pump with 700mm lift
- › Infrared remote control as standard with decoration panel kit
- › Switching group or bus communication not available



FWF-C cassette unit		02	03	04
FWF**CT, 2 pipe unit, incl. condensate pump, without valves	Lei	2.469,-	2.786,-	2.819,-
Cooling capacity (Total at High Speed) ⁽¹⁾	kW	2,49	4,1	4,54
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	3,52	4,69	5,28
Airflow	m ³ /h	646	680	748
Sound power level	dB(A)	52	54	56

Accessories FWF-C		02	03	04
 Decoration panel 2-pipe⁽³⁾ Incl. wireless controller	Lei		DCP600TC 806,-	
 Standard wired remote control	Lei		MERCA 644,-	
 Simplified wired remote control (cooling only)	Lei		SRC-COA 339,-	
 Simplified wired remote control (heating only)	Lei		SRC-HPA 339,-	
 Wireless control	Lei		WRC-HPC 128,-	
 2-pipe 3-way valve Actuator 230V and assembling kit included	Lei		MCKCW2T3VN 733,-	





FWT-C

Fan coil

- › 2-pipe devices in 5 sizes
- › 3-stage fan motor
- › Condensate pump not included
- › 2-way or 3-way valve required (not included)



FWT-C wall mounted unit		02	03	04	05	06
FWT**CT, 2 pipe unit, without valves	Lei	1.597,-	1.656,-	1.904,-	2.293,-	2.455,-
Cooling capacity (Total at High Speed) ⁽¹⁾	kW	2,43	2,7	3,31	4,54	5,28
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	3,22	3,52	4,4	6,01	7,33
Airflow	m ³ /h	442	476	629	866	1.053
Sound power level	dB(A)	45	48	55	55	59

Accessories FWT-C		02	03	04	05	06
 Standard wired remote control	Lei			MERCA 644,-		
 Simplified wired remote control (cooling only)	Lei			SRC-COA 339,-		
 Simplified wired remote control (heating only)	Lei			SRC-HPA 339,-		
 Wireless control	Lei			WRC-HPC 128,-		

Notes:

- (1) Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C.
- (2) Heating: 2 pipe: air 20°CDB; entering water 50°C; leaving water as per cooling GPM.
- (3) Decoration panel is mandatory.






FWG-A

Cassette fan coils with DC fan motor

- › Low sound level and up to 70% energy saving thanks to the BLDC motor technology
- › Infrared remote control is standard with decoration panel kit
- › High efficiency, continuous air flow regulation and fan speed modulation
- › 2-pipe or 4-pipe device
- › System pressure max. 16 bar
- › Water temperature from + 5°C to + 50°C for 2-pipe devices
- › Water temperature from + 5°C to + 70°C for 4-pipe devices
- › Built-in high pressure drain pump with 700mm lift
- › Switching group or bus communication not available



FWG - A cassette unit		05	08	11
FWG**AT 2 pipe unit , incl, condensate pump, without valves	Lei	4.914,-	5.380,-	5.697,-
Cooling Capacity (Total at High Speed) ⁽¹⁾	kW	5,90	8,80	11,75
Heating Capacity (2 pipe at High Speed) ⁽²⁾	kW	7,10	11,20	13,70
Airflow	m ³ /h	1.053	1.512	1.800
Sound power level	dB(A)	46	57	59
FWG**AF 4 pipe unit , incl, condensate pump, without valves	Lei	5.371,-	5.862,-	6.170,-
Cooling Capacity (Total at High Speed) ⁽¹⁾	kW	4,40	7,20	9,00
Heating Capacity (4 pipe at High Speed) ⁽³⁾	kW	7,65	11,20	15,65
Airflow	m ³ /h	1.053	1.512	1.800
Sound power level	dB(A)	46	57	59

Accessories for FWG - A ⁽⁴⁾		05	08	11
 Decoration Panel / FWG AT 2 pipes include GS02 wireless controller	Lei		DCP900BTA 836,-	
 Decoration Panel / FWG AF 4 pipes include GS02 wireless controller	Lei		DCP900BFA 836,-	
 Wired controller	Lei		BRC51A61 506,-	
Wireless controller Decoration panel already include	Lei		Type GS02 Decoration panel already included	
 Valve kit 3-ways ON/OFF 230 V 2 pipe version	Lei		VKFWGA012T3V 610,-	VKFWGA022T3V 659,-
 Valve kit 3-ways ON/OFF 230 V 4 pipe version	Lei		VKFWGA014T3V 1.239,-	VKFWGA024T3V 1.293,-

Notes:

(1) Cooling: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C

(2) Heating: 2 pipe: air 20°CDB; entering water 50°C

(3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

(4) Decoration panel is mandatory

FWF-B

Fan coil

- › Compact casing (570mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- › Optional fresh air intake
- › System pressure max. 16 bar
- › Water temperature from + 5°C to + 50°C for 2-pipe devices
- › Water temperature from + 5°C to + 70°C for 4-pipe devices
- › Standard drain pump with 750mm lift increases flexibility and installation speed
- › Possibility to shut 1 or 2 flaps for easy installations in corners.



FWF-B cassette unit		02	03	04	05
FWF**BT, 2 pipe unit, incl. condensate pump, without valves	Lei	3.175,-	3.384,-	3.575,-	3.759,-
Cooling capacity (Total at Super High Speed) ⁽¹⁾	kW	2,00	3,20	4,20	5,20
Heating capacity (2-pipe at Super High Speed) ⁽²⁾	kW	2,90	4,00	5,40	6,70
Airflow	m ³ /h	468	468	660	876
Sound power level	dB(A)	44	44	50	55
FWF**BF, 4 pipe unit, incl. condensate pump, without valves	Lei	3.452,-	3.691,-	3.856,-	4.018,-
Cooling capacity (Total at Super High Speed) ⁽¹⁾	kW	2,00	2,70	3,50	4,50
Heating capacity (4-pipe at Super High Speed) ⁽³⁾	kW	3,80	3,80	4,90	6,10
Airflow	m ³ /h	468	438	618	822
Sound power level	dB(A)	44	46	52	57

Notes:

Decoration panel is mandatory, it is included with other accessories in table on page 60.

(1) Cooling: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C

(2) Heating: 2 pipe: air 20°CDB; entering water 50°C

(3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

FWC-B

Fan coil

- › 360° air discharge ensures uniform air flow and temperature distribution
- › Optional fresh air intake
- › System pressure max. 16 bar
- › Water temperature from + 5°C to + 50°C for 2-pipe devices
- › Water temperature from + 5°C to + 70°C for 4-pipe devices
- › Standard drain pump with 850mm lift
- › Possibility to shut 1 or 2 flaps for easy installation in corners



FWC-B cassette unit ⁽⁴⁾		06	07	08	09
FWC**BT, 2 pipe unit, incl. condensate pump, without valves	Lei	4.533,-	4.840,-	5.114,-	5.380,-
Cooling capacity (Total at Super High Speed) ⁽¹⁾	kW	5,80	6,80	7,70	8,70
Heating capacity (2-pipe at Super High Speed) ⁽²⁾	kW	8,00	8,90	10,60	12,10
Airflow	m ³ /h	1.062	1.236	1.518	1.776
Sound power level	dB(A)	43	47	53	57
FWC**BF, 4 pipe unit, incl. condensate pump, without valves	Lei	5.679,-	6.064,-	6.344,-	6.617,-
Cooling capacity (Total at Super High Speed) ⁽¹⁾	kW	5,80	6,60	7,60	8,70
Heating capacity (4-pipe at Super High Speed) ⁽³⁾	kW	7,50	8,40	9,70	11,00
Airflow	m ³ /h	1.032	1.200	1.476	1.746
Sound power level	dB(A)	43	47	53	57

Notes:

(1) Cooling: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C














(2) Heating: 2 pipe: air 20°CDB; entering water 50°C

(3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

(4) Decoration panel is mandatory, it is included with other accessories in table on page 60.












FWC-B, FWF-B

Accessories

Options		FWC-B	FWF-B
 Decoration Panel Round Flow Standard		BYCQ140C	-
	Lei	1.323,-	
 Decoration Panel 4-way blow		-	BYFQ60B3
	Lei		1.309,-
Sealing member of air discharge outlet		KDBHQ55C140	KDBH44BA60
	Lei	533,-	664,-
 Long-life filter		KAFP551K160	KAFQ441BA60
	Lei	514,-	on request
 Panel spacer		-	KDBQ44B60
	Lei		2.486,-
 Fresh air intake kit		CE.KDDQ55C140	KDDQ44XA60
	Lei	2.311,-	819,-
 Remote Control Wired			BRC315D ⁽¹⁾
	Lei	571,-	571,-
 Central remote control Up to 64 groups can be controlled with a maximum of 128 devices per group			DCS302C51 ⁽²⁾
	Lei	8.837,-	8.837,-
Electrical box with earth terminal (3 blocks)			KJB311A
	Lei	408,-	408,-
 Unified on/off control Up to 16 device groups can be controlled; operating indication given by LED			DCS301B51 ⁽⁵⁾
	Lei	3.711,-	3.711,-
Electrical box with earth terminal (2 blocks)			KJB212A
	Lei	391,-	391,-
 Schedule timer 2 programmable on/off times per day; power reserve 48 hours			DST301B51 ⁽⁵⁾⁽⁸⁾
	Lei	4.651,-	4.651,-
 Wiring adapter for electrical appendices 1 Additional board for external control and monitoring; on/off; operating and fault message; setpoint specification via 0 ... 140 Ohm signal for entire F1 / F2 line.			KRP2A52 ⁽⁴⁾⁽⁸⁾
	Lei	1.725,-	1.725,-
 Wiring adapter for electrical appendices 2 Additional board for external control and monitoring; on/off; operating and fault message; setpoint specification via 0 ... 140 ohm Signal for a P1 / P2 line.			KRP4A53 ⁽⁴⁾⁽⁸⁾
	Lei	916,-	916,-
 Remote control Infrared H/P		BRC7F532F ⁽¹¹⁾	BRC7E530 ⁽¹¹⁾
	Lei	953,-	929,-
 Remote control Infrared C/O		BRC7F533F ⁽¹¹⁾	BRC7E531 ⁽¹¹⁾
	Lei	633,-	1.483,-

FWC-B, FWF-B

Accessories

Options		FWC-B	FWF-B
 Installation box for adapter PCB		KRP1H98A ⁽⁹⁾	KRP1BA101 ⁽⁹⁾
	Lei	272,-	348,-
 Remote Sensor with 12 meters of cable		KRCS01-4	KRCS01-1
	Lei	441,-	441,-
 Intelligent touch controller Up to 2 device groups can be controlled with a maximum of 64 devices per group		DCS601C51 ⁽³⁾⁽⁷⁾	
	Lei	10.427,-	
 Electrical installation box		KJB411A	
	Lei	700,-	
 Optional PCB for MOD-bus connection		EKFCMBCB ⁽⁴⁾⁽⁸⁾	
	Lei	467,-	
 2-way valve - On/Off Actuator 230V and piping unit included		EKMV2C09B ⁽⁴⁾⁽⁶⁾⁽¹⁰⁾	
	Lei	393,-	
 3-way valve - On/Off Actuator 230V and piping unit included		EKMV3C09B ⁽⁴⁾⁽⁶⁾⁽¹⁰⁾	
	Lei	442,-	
 Valve control PCB		EKRP1C11	
	Lei	407,-	
Remote "On/Off" and "forced off" kit		-	EKRORO ⁽¹²⁾
	Lei		134,-
 Modbus Interface for monitoring and control Universal control adapter provides external control/ monitoring via 0-10 kΩ resistor or 0-10VDC input signals or floating contacts; operating or defrost signal, fault message as well as an interface to the Modbus protocol is possible; connection to P1 / P2 terminals (max 16 indoor units); a BRC remote control can be additionally connected		RTD-10	
	Lei	1.798,-	
 Modbus Interface for monitoring and control Modbus Adapter provides a communication interface to the Modbus protocol P1/P2 (maximum 16 internal devices); all indoor units are controlled simultaneously, monitoring is done individually per unit; a BRC remote control can be additionally connected		RTD-NET	
	Lei	1.352,-	
 Modbus Interface DIII External control via the building management system; connection to maximum 64 devices		EKMBOXA	
	Lei	13.595,-	

Notes:

- Optional, electrical installation box with earth terminal KJB212A is required, if controller wires need to be installed in the wall.
 - Requires electrical installation box with earth terminal KJB311A.
 - Requires electrical installation box KJB411A.
 - Requires installation box KRP1H98A for FWC-B and KRP1BA101 for FWF-B.
 - Requires electrical installation box with earth terminal KJB212A, if built in the wall.
 - Requires valve control PCB EKRP1C11.
 - I-touch:
 - Not allowed to use the i-touch for an installation with both fan coils and VRV units.
 - Can not be used in combination with fan coil units, that use MOD bus communication.
 - No Airnet or telephone connection possible.
 - Only 1 of these 4 options can be installed on 1 indoor unit.
 - FWC -B: Max. 1 KRP1H98A box can be mounted on the unit.
Max. 2 PCB's can be mounted in 1 KRP1H98A box.
FWF-B: Max. 2 KRP1BA101 boxes can be mounted on the unit.
Max. 1 PCB can be mounted in 1 KRP1BA101 box.
 - FWC-B - 2-pipe unit: 1 x valve kit + 1 x installation box for PCB KRP1H98A + 1 x valve control PCB EKRP1C11
FWC-B - 4-pipe unit: 2 x valve kit + 1 x installation box for PCB KRP1H98A + 1 x valve control PCB EKRP1C11
FWF-B - 2-pipe unit: 1 x valve kit + 1 x installation box for PCB KRP1BA101 + 1 x valve control PCB EKRP1C11.
FWF-B - 4-pipe unit: 2 x valve kit + 1 x installation box for PCB KRP1BA101 + 1 x valve control PCB EKRP1C11.
 - It is possible to change the operation mode, but this will not have an impact on the water temperature.
(No feed back to water source)
It is not possible to select the "auto air flow" setting.
Dry operation can be selected with this remote control, but this function is not available on the FWC-B / FWF-B model.
 - This option is needed to create T1 T2 wire.
- All options are supplied as kit.

FWV-D

AC fan motor unit for vertical mounting

- › 2-pipe and 4-pipe devices in 10 sizes
- › 3-stage fan motor
- › System pressure max. 10 bar
- › Water temperature from + 5°C to + 95°C
- › Factory mounted 3 way valve
- › Condensate pump not included
- › Water connections standard - left
- › Electrical connections standard - right
- › Valve packages are insulated, no extra drain pan required



Low Wall unit FWV		01	15	02	25	03	35	04	06	08	10
FWV**DTN , 2 pipe unit, standard, without valve	Lei	1.514,-	1.572,-	1.670,-	1.787,-	1.831,-	2.010,-	2.103,-	2.279,-	3.019,-	3.432,-
FWV**DTV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	Lei	2.562,-	2.634,-	2.712,-	2.834,-	2.892,-	3.069,-	3.185,-	3.361,-	4.193,-	4.607,-
FWV**DATD6V3 ---, 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	Lei	2.054,-	2.112,-	2.211,-	2.328,-	2.371,-	2.552,-	2.678,-	2.854,-	3.618,-	4.032,-
Cooling capacity (Total) ⁽¹⁾	kW	1,54	1,74	1,96	2,42	2,93	3,51	4,33	4,77	6,71	8,02
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	2,14	2,20	2,57	3,20	3,81	4,78	5,10	5,95	7,83	10,03
Airflow	m ³ /h	319	344	344	442	442	640	706	785	1.011	1.393
Sound power level	dB(A)	47	49	50	48	48	52	53	56	61	67
FWV**DFN , 4 pipe unit, standard, without valves	Lei	1.753,-	1.831,-	1.914,-	2.054,-	2.129,-	2.293,-	2.469,-	2.654,-	3.467,-	3.866,-
FWV**DFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	Lei	3.642,-	3.735,-	3.817,-	3.948,-	4.032,-	4.193,-	4.373,-	4.548,-	5.464,-	5.878,-
FWV**DAFD6V3 ---, 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	Lei	2.834,-	2.927,-	2.995,-	3.135,-	3.209,-	3.384,-	3.609,-	3.784,-	4.656,-	5.064,-
Cooling capacity (Total) ⁽¹⁾	kW	1,46	1,69	1,79	2,38	2,87	3,46	4,26	4,67	6,64	7,88
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	1,90	2,02	2,01	2,92	3,08	4,80	5,05	5,30	7,91	8,35
Airflow	m ³ /h	307	330	327	432	431	628	690	763	998	1.362
Sound power level	dB(A)	45	79	50	48	47	51	56	59	60	66

Factory mounted options		01	15	02	25	03	35	04	06	08	10
3-way on/off 24V valve	Lei	on request									
3-way proportional on/off valves	Lei	on request									
2-way on/off 230V valve	Lei	on request									
2-way on/off 24V valves	Lei	on request									
2-way proportional on/off valve	Lei	on request									
4-rows coil (for 2 pipe unit only)	Lei	on request									
6-speeds fan motor	Lei	-								-	on r.
Electric heater (for 2 pipe unit only)	Lei	on request									

Factory mounted options		01	15	02	25	03	35	04	06	08	10
FWEC1A Standard version	Lei	on request									
FWEC2A Advanced version	Lei	on request									
FWEC3A Advanced Plus version	Lei	on request									
FWEC3AP Power control board	Lei	on request									

Notes:

- (1) Cooling: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C
- (2) Heating: 2 pipe: air 20°CDB; entering water 50°C; water flow rate as during cooling
- (3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

Accessories as kits are included on page 65.

Additional single row h/e (4-row coil) can not be used in combination with electric heater.

Independent power supply is necessary for 24 V valve. FWEC1/2/3A are not suitable to control 24 V valve.

Controller FWEC3A is necessary for proportional valve.

Cooling capacity is related to High Speed, standard unit.

FWL-D

AC fan motor unit for horizontal or vertical mounting

- › 2-pipe and 4-pipe devices in 10 sizes
- › 3-stage fan motor
- › System pressure max. 10 bar
- › Water temperature from + 5°C to + 95°C
- › Factory mounted 3 way valve
- › Condensate pump not included
- › Water connections standard - left
- › Electrical connections standard – right
- › Valve packages are insulated, no extra drain pan required



Flexible unit FWL		01	15	02	25	03	35	04	06	08	10
FWL**DTN , 2 pipe unit, standard, without valve	Lei	1.587,-	1.670,-	1.772,-	1.846,-	1.962,-	2.112,-	2.231,-	2.395,-	3.233,-	3.652,-
FWL**DTV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	Lei	2.619,-	2.703,-	2.795,-	2.878,-	2.995,-	3.161,-	3.302,-	3.467,-	4.382,-	4.806,-
FWL**DATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	Lei	2.112,-	2.196,-	2.302,-	2.386,-	2.503,-	2.654,-	2.795,-	2.961,-	3.817,-	4.231,-
Cooling capacity (Total) ⁽¹⁾	kW	1,54	1,74	1,96	2,42	2,93	3,51	4,33	4,77	6,71	8,02
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	2,14	2,20	2,57	3,20	3,81	4,78	5,10	5,95	7,83	10,03
Airflow	m ³ /h	319	344	344	442	442	640	706	785	1.011	1.393
Sound power level	dB(A)	47	49	50	48	48	52	53	56	61	67
FWL**DFN , 4 pipe unit, standard, without valves	Lei	1.846,-	1.939,-	1.996,-	2.152,-	2.231,-	2.469,-	2.595,-	2.771,-	3.691,-	4.091,-
FWL**DFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	Lei	3.715,-	3.794,-	3.866,-	4.018,-	4.100,-	4.334,-	4.465,-	4.632,-	5.654,-	6.052,-
FWL**DAFD6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	Lei	2.911,-	2.995,-	3.069,-	3.219,-	3.302,-	3.535,-	3.715,-	3.891,-	4.855,-	5.254,-
Cooling capacity (Total) ⁽¹⁾	kW	1,46	1,69	1,79	2,38	2,87	3,46	4,26	4,67	6,64	7,88
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	1,90	2,02	2,01	2,92	3,08	4,80	5,05	5,30	7,91	8,35
Airflow	m ³ /h	307	330	327	432	431	628	690	763	998	1.362
Sound power level	dB(A)	45	49	50	48	47	51	56	59	60	66

Factory mounted options		01	15	02	25	03	35	04	06	08	10
3-way on/off 24V valve	Lei	on request									
3-way proportional on/off valves	Lei	on request									
2-way on/off 230V valve	Lei	on request									
2-way on/off 24V valves	Lei	on request									
2-way proportional on/off valve	Lei	on request									
4-rows coil (for 2 pipe unit only)	Lei	on request									
6-speeds fan motor	Lei	-								-	on r.
Electric heater (for 2 pipe unit only)	Lei	on request									

Factory mounted options		01	15	02	25	03	35	04	06	08	10
FWEC1A Standard version	Lei	on request									
FWEC2A Advanced version	Lei	on request									
FWEC3A Advanced Plus version	Lei	on request									
FWEC3AP Power control board	Lei	on request									

Notes:

- (1) Cooling: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C
- (2) Heating 2 pipe: air 20°C DB - entering water 50°C - water flow as in cooling mode
- (3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

Accessories as kits are included on page 65.

Additional single row h/e (4-row coil) can not be used in combination with electric heater.

Independent power supply is necessary for 24 V valve. FWEC1/2/3A are not suitable to control 24 V valve.

Controller FWEC3A is necessary for proportional valve.

Cooling capacity is related to High Speed, standard unit.

FWM-D

AC fan motor unit for horizontal or vertical concealed mounting

- › 2-pipe and 4-pipe devices in 10 sizes
- › 3-stage fan motor
- › System pressure max. 10 bar
- › Water temperature from + 5°C to + 95°C
- › Condensate pump not included
- › Water connections standard - left
- › Electrical connections standard – right
- › Valve packages are insulated, no extra drain pan required



Flexible concealed unit FWM		01	15	02	25	03	35	04	06	08	10
FWM**DTN , 2 pipe unit, standard, without valve	Lei	1.280,-	1.364,-	1.413,-	1.514,-	1.563,-	1.680,-	1.753,-	1.914,-	2.528,-	2.868,-
FWM**DTV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	Lei	2.328,-	2.410,-	2.455,-	2.562,-	2.610,-	2.752,-	2.834,-	3.009,-	3.701,-	4.041,-
FWM**DATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	Lei	1.821,-	1.904,-	1.953,-	2.054,-	2.103,-	2.221,-	2.328,-	2.493,-	3.126,-	3.467,-
Cooling capacity (Total) ⁽¹⁾	kW	1,54	1,74	1,96	2,42	2,93	3,51	4,33	4,77	6,71	8,02
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	2,14	2,20	2,57	3,20	3,81	4,78	5,10	5,95	7,83	10,03
Airflow	m ³ /h	319	344	344	442	442	640	706	785	1.011	1.393
Sound power level	dB(A)	47	49	50	48	48	52	53	56	61	67
FWM**DFN , 4 pipe unit, standard, without valves	Lei	1.529,-	1.597,-	1.646,-	1.796,-	1.855,-	2.010,-	2.129,-	2.279,-	2.976,-	3.326,-
FWM**DFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	Lei	3.432,-	3.501,-	3.550,-	3.701,-	3.749,-	3.901,-	4.032,-	4.172,-	4.982,-	5.337,-
FWM**DAFD6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	Lei	2.610,-	2.678,-	2.738,-	2.892,-	2.936,-	3.092,-	3.268,-	3.409,-	4.159,-	4.514,-
Cooling capacity (Total) ⁽¹⁾	kW	1,46	1,69	1,79	2,38	2,87	3,46	4,26	4,67	6,64	7,88
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	1,90	2,02	2,01	2,92	3,08	4,80	5,05	5,30	7,91	8,35
Airflow	m ³ /h	307	330	327	432	431	628	690	763	998	1.362
Sound power level	dB(A)	45	49	50	48	47	51	56	59	60	66

Factory mounted options		01	15	02	25	03	35	04	06	08	10
3-way on/off 24V valve	Lei										
3-way proportional on/off valves	Lei										
2-way on/off 230V valve	Lei										
2-way on/off 24V valves	Lei										
2-way proportional on/off valve	Lei										
4-rows coil (for 2 pipe unit only)	Lei										
6-speeds fan motor	Lei	-								-	on r.
Electric heater (for 2 pipe unit only)	Lei										
FWECSAP - power control board	Lei										

Notes:

(1) Cooling: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C

(2) Heating 2 pipe: air 20°C DB - entering water 50°C - water flow as in cooling mode

(3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

Accessories as kits are included on page 65.

Additional single row h/e (4-row coil) can not be used in combination with electric heater.









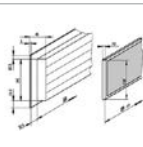
Independent power supply is necessary for 24 V valve. FWEC1/2/3A are not suitable to control 24 V valve.

Controller FWEC3A is necessary for proportional valve.

Cooling capacity is related to High Speed, standard unit.

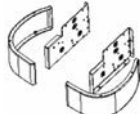






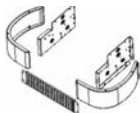









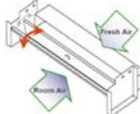

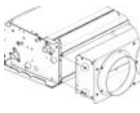
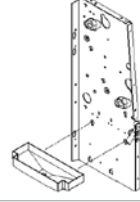





FWV – FWL – FWM

Accessories

Accessories for FWV/FWL/FWM		01	15	02	25	03	35	04	06	08	10
4-pipe 3-ways 24V on/off valve kit 	Kit contains: 1/ 2 pcs of 3way Valve Body SIZE 1÷35 valve = 1/2" (kvs=1,7) SIZE 4÷10 valve = 3/4" (kvs=2,8) 2/ 2 pcs of Electrothermal actuator ON/OFF activation - power supply 24V - total opening time cca 4 minutes - NC (Normally Closed) 3/ Thermal insulation on pipes and valve 4/ 4pcs of lockshield valve			E4M2V03A6				E4M2V06A6		E4M2V10A6	
	Lei			1.922,-				1.922,-		2.027,-	
2-pipe 3-ways proportional valve kit 	Kit contains: 1/ 3way Valve Body SIZE 1÷35 valve = 1/2" (kvs=1,7) SIZE 4÷10 valve = 3/4" (kvs=2,8) 2/ Electronic valve actuator Proportional activation - power supply 24V - total opening time cca 8 second - 0-10V control signal 3/ Thermal insulation on pipes and valve 4/ 2pcs of lockshield valve			E2MPV03A6				E2MPV06A6		E2MPV10A6	
	Lei			1.697,-				1.657,-		1.707,-	
4-pipe 3-ways proportional valve kit 	Kit contains: 1/ 2 pcs 3way Valve Body SIZE 1÷35 valve = 1/2" (kvs=1,7) SIZE 4÷10 valve = 3/4" (kvs=2,8) 2/ 2 pcs Electronic valve actuator Proportional activation - power supply 24V - total opening time cca 8 second - 0-10V control signal 3/ Thermal insulation on pipes and valve 4/ 4pcs of lockshield valve			E4MPV03A6				E4MPV06A6		E4MPV10A6	
	Lei			3.103,-				3.128,-		3.152,-	
2-ways 24V on/ off valve kit on cooling heat exchanger 	Kit contains: 1/ 2way Valve Body SIZE 1÷6 valve = 1/2" (kvs=1,7) SIZE 8÷10 valve = 3/4" (kvs=2,8) 2/ Electrothermal actuator ON/OFF activation - power supply 24V - total opening time cca 4 minutes - NC (Normally Closed) 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit			E2M2V207A6						E2M2V210A6	
	Lei			458,-						458,-	
2-ways 24V on/ off valve kit on additional heat exchanger 	Kit contains: 1/ 2way Valve Body SIZE 1÷10 valve = 1/2" (kvs=1,7) 2/ Electrothermal actuator ON/OFF activation - power supply 24V - total opening time cca 4 minutes - NC (Normally Closed) 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit			E2M2V207A6							
	Lei			458,-							
2-ways proportional valve kit on cooling heat exchanger 	Kit contains: 1/ 2way Valve Body SIZE 1÷6 valve = 1/2" (kvs=1,7) SIZE 8÷10 valve = 3/4" (kvs=2,8) 2/ Electronic valve actuator Proportional activation - power supply 24V - total opening time cca 8 second - 0-10V control signal 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit			E2MPV207A6						E2MPV210A6	
	Lei			1.176,-						1.176,-	
2-ways proportional valve kit on additional heat exchanger 	Kit contains: 1/ 2way Valve Body SIZE 1÷10 valve = 1/2" (kvs=1,7) 2/ Electronic valve actuator Proportional activation - power supply 24V - total opening time cca 8 second - 0-10V control signal 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit			E2MPV207A6							
	Lei			1.176,-							
Fan stop thermostat 	To prevent ventilating cold air during the heating stage if the water temperature inside the heat exchanger is lower than 42°C. (The bracket to fix fan stop thermostat is included in the kit.) Only required in combination with electromechanical controller			YFSTA6							
	Lei			88,-							
Air intake & discharge grille 	S: Back suction grille fixed fins, made of anodised aluminium complete with filter and galvanised steel plate subframe and recyclable acrylic fibre air filter. D: Discharge grille with double row of anodised aluminium swinging fins, complete with galvanised steel plate subframe.			EAIDF02A6	EAIDF03A6			EAIDF06A6		EAIDF10A6	
	Lei			910,-	1.101,-			1.431,-		1.697,-	



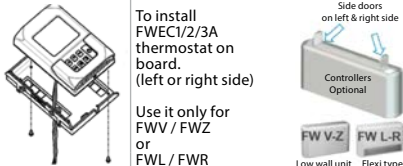
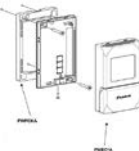


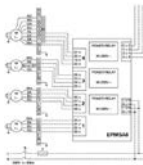
FWV – FWL – FWM

Accessories

Accessories for FWV/FWL/FWM		01	15	02	25	03	35	04	06	08	10																		
Supporting feet	 <p>Kit contains:</p> <table border="1"> <thead> <tr> <th></th> <th>ESFV</th> <th>ESFVG</th> <th>FWV</th> <th>FWM</th> </tr> </thead> <tbody> <tr> <td></td> <td>2</td> <td>2</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>2</td> <td>2</td> <td>✓</td> <td>-</td> </tr> </tbody> </table>		ESFV	ESFVG	FWV	FWM		2	2	✓	✓		2	2	✓	-	ESFV06A6								ESFV10A6				
			ESFV	ESFVG	FWV	FWM																							
	2	2	✓	✓																									
	2	2	✓	-																									
Lei		113,-								113,-																			
Supporting feet & grille	 <table border="1"> <thead> <tr> <th></th> <th>ESFV</th> <th>ESFVG</th> <th>FWV</th> <th>FWM</th> </tr> </thead> <tbody> <tr> <td></td> <td>0</td> <td>1</td> <td>✓</td> <td>-</td> </tr> <tr> <td></td> <td>4</td> <td>8</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>4</td> <td>4</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>		ESFV	ESFVG	FWV	FWM		0	1	✓	-		4	8	✓	✓		4	4	✓	✓	ESFVG02A6		ESFVG03A6		ESFVG06A6		ESFVG10A6	
			ESFV	ESFVG	FWV	FWM																							
			0	1	✓	-																							
	4	8	✓	✓																									
	4	4	✓	✓																									
Lei		162,-		201,-		226,-		315,-																					
Lei		162,-		201,-		226,-		315,-																					
Fresh air intake	 <p>To prevent the water from freezing inside the heat exchanger during winter. Close the outdoor air inlet louvre when the system is not operational or use an anti-freeze solution.</p>	EFA02A6		EFA03A6		EFA06A6		EFA10A6																					
		Lei		393,-		433,-		482,-		531,-																			
Rear panel	 <p>It is supplied for installation of units, in case rear side can be seen (example: installation at the back of glass windows). Unit, in case of rear panel installation, can not be fixed to wall. Kit consists of: 1. rear upper closing panel 2. rear lower closing panel 3. screws</p>	ERPVO2A6		ERPVO3A6		ERPVO6A6		ERPV10A6																					
		Lei		201,-		217,-		266,-		330,-																			
Plenum box with circular connections (only for FWM-D)	 <table border="1"> <thead> <tr> <th>Unit size</th> <th>Plenum box</th> <th>Ø [mm] x n</th> </tr> </thead> <tbody> <tr> <td>Size 01-02</td> <td>EPCC02A6</td> <td>180 x 2</td> </tr> <tr> <td>Size 25-03</td> <td>EPCC03A6</td> <td>180 x 2</td> </tr> <tr> <td>Size 35-06</td> <td>EPCC06A6</td> <td>180 x 3</td> </tr> <tr> <td>Size 08-10</td> <td>EPCC10A6</td> <td>180 x 4</td> </tr> </tbody> </table>	Unit size	Plenum box	Ø [mm] x n	Size 01-02	EPCC02A6	180 x 2	Size 25-03	EPCC03A6	180 x 2	Size 35-06	EPCC06A6	180 x 3	Size 08-10	EPCC10A6	180 x 4	EPCC02A6		EPCC03A6		EPCC06A6		EPCC10A6						
		Unit size	Plenum box	Ø [mm] x n																									
Size 01-02	EPCC02A6	180 x 2																											
Size 25-03	EPCC03A6	180 x 2																											
Size 35-06	EPCC06A6	180 x 3																											
Size 08-10	EPCC10A6	180 x 4																											
Lei		467,-		521,-		659,-		900,-																					
Vertical auxiliary drainpan	 <p>Install it to collect condensation. Used for vertical FCUs</p>	EDPVB6																											
		Lei		40,-																									
Horizontal auxiliary drainpan	 <p>Install it to collect condensation. Used for horizontal FCUs</p>	EDPHB6																											
		Lei		40,-																									
Controller electro-mechanical, Built in	 <p>For installation on board the unit is used for: Manually changing the operation fan speed of the unit; Automatically setting the room temperature by operating the motor-ventilator of the unit, both during cooling and heating. - 4 position rotary speed selector switch (three speeds + stop) - Cooling/Heating operation selector - Manual set thermostat</p>	ECFWMB6																											
		Lei		209,-																									
Wired remote controller, Standard version	 <p>Onboard or wall mounted installation: - Management of AC 3-speeds fan motor (on/off and automatic speed change) - Management of on/off valve - Management of electric heater - Cooling / heating mode switching based on air / water temperature - Clean contact for remote activation (e.g. window contact, remote on/off)</p>	FWEC1A																											
		Lei		506,-																									
Wired remote controller, Advanced version	 <p>All functionality of FWEC1A, but additionally: - Management of AC 4-speeds fan motor (on/off and automatic speed change) - Air relative humidity control - Master & Slave System on serial RS485 (Modbus communication protocol) - Integration in BMS</p>	FWEC2A																											
		Lei		733,-																									
Wired remote controller, Advanced Plus version	 <p>All functionality of FWEC2A, but additionally: - Management of BLDC fan motor - Management of proportional valve - Weekly timer programmed operating mode - Configurable digital outputs</p>	FWEC3A																											
		Lei		998,-																									

FWV – FWL – FWM

Accessories

Accessories for FWV/FWL/FWM		01	15	02	25	03	35	04	06	08	10
Split type controller	 Power control board										
		Lei									757,-
On board mounting kit, for FWEC*A, remote airprobe incl.	 Control panel for remote or on board installation (connected to the power control board) All functionality of FWEC3A, but additionally: - Master & Slave System on Conveyed Waves (CW)										
		Lei									571,-
Wall mounting kit (spacing collar), for FWEC 1A /2A and 3A	 To install FWEC1/2/3A thermostat on board. (left or right side) Use it only for FWV / FWZ or FWL / FWR										
		Lei									88,-
Temperature sensor kit, for FWEC*A	 Wall mounting kit (spacing collar), for FWEC 1A /2A and 3A										
		Lei									63,-
Relative humidity sensor kit, for FWEC2A and FWEC3A (temperature sensor kit is required)	 FWTSK sensor should be connected to the FWEC*A remote control using the supplied cable as accessory and, in case of prolongations, a shielded cable only. The sensor cable (1,5 m) can be cut to measure if necessary. Sensor must be positioned on the heat exchanger OR at the valve inlet (with or without valve installation)										
		Lei									63,-
Master / Slave interface	 Bound together the air temperature remote probe, the installation of the humidity remote probe allows: - To display on the controller the environment humidity - To select the Dehumidification function The dehumidification function, available only in the cooling mode, uses the terminal to reduce the environmental humidity by approximately 10% compared to the humidity present at the moment of function selection.										
		Lei									113,-
Drain pump	 The EPIMSA6 Master/slave interface is used for connecting up to 4 units in parallel to one controller FWEC(1,2,3)A. With the new split controller FWEC3A to connect more unit you don't need EPIMSA6 with a saving in the installation time/cost. The capacity of the EPIMSA6 contacts is max 4 x 3 A.										
		Lei									747,-
Drain pump	For FWL only vertical installation										
		Lei									1.026,-

FWZ-A

Fan coil with DC fan motor

- › 2-pipe and 4-pipe devices in 10 sizes
- › Low sound level and up to 70% energy saving thanks to the BLDC motor technology
- › System pressure max. 10 bar
- › Water temperature from + 5°C to + 95°C
- › Factory mounted 3 way valve
- › Condensate pump not included
- › Water connections standard - left
- › Electrical connections standard – right



Low Wall unit with DC fan motor FWZ		02	03	06	08
FWZ**ATN , 2 pipe unit, standard, without valve	Lei	2.503,-	2.645,-	3.069,-	3.833,-
FWZ**ATV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	Lei	3.535,-	3.676,-	4.125,-	4.982,-
FWZ**AATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	Lei	3.034,-	3.185,-	3.632,-	4.417,-
Cooling capacity (Total) ⁽¹⁾	kW	2,64	4,96	6,32	10,08
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	3,47	6,40	7,51	11,18
Airflow	m ³ /h	560	900	1.200	1.660
Sound power level	dB(A)	62	70	64	71
FWZ**AFN , 4 pipe unit, standard, without valves	Lei	2.726,-	2.902,-	3.432,-	4.217,-
FWZ**AFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	Lei	4.598,-	4.757,-	5.298,-	6.179,-
FWZ**AAFD6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	Lei	3.794,-	3.958,-	4.548,-	5.380,-
Cooling capacity (Total) ⁽¹⁾	kW	2,43	4,96	6,32	10,08
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	2,46	4,19	6,45	10,06
Airflow	m ³ /h	560	900	1.200	1.660
Sound power level	dB(A)	62	70	64	71

Factory mounted options		02	03	06	08
3-way on/off 24V valve	Lei	on request			
2-way on/off 230V valve	Lei	on request			
2-way on/off 24V valves	Lei	on request			
4-rows coil (for 2 pipe unit only)	Lei	on request			
Electric heater (for 2 pipe unit only)	Lei	on request			

Factory mounted options		02	03	06	08
FWEC3A Advanced Plus version	Lei	on request			
FWEC3AP power control board	Lei	on request			

Notes:

(1) Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C

(2) Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode

(3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

Accessories as kits are included on page 72..

Additional single row h/e (4-row coil) can not be used in combination with electric heater.

Independent power supply is necessary for 24 V valve. FWEC3A are not suitable to control 24 V valve.

Controller FWEC3A is necessary to control DC fan motor.

Cooling capacity is related to High Speed, standard unit.

FWR-A

Fan coil with DC fan motor

- › 2-pipe and 4-pipe devices in 10 sizes
- › Low sound level and up to 70% energy saving thanks to the BLDC motor technology
- › System pressure max. 10 bar
- › Water temperature from + 5°C to + 95°C
- › Factory mounted 3 way valve
- › Condensate pump not included
- › For wall or ceiling mounted installation: ideal solution for spaces with no false ceilings
- › Instant adjustment to temperature and relative humidity changes
- › Water connections standard - left
- › Electrical connections standard – right



FLEXI type unit with DC fan motor FWR		02	03	06	08
FWR**ATN , 2 pipe unit, standard, without valve	Lei	2.610,-	2.834,-	3.268,-	4.172,-
FWR**ATV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	Lei	3.642,-	3.866,-	4.334,-	5.322,-
FWR**AATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	Lei	3.151,-	3.361,-	3.833,-	4.757,-
Cooling capacity (Total) ⁽¹⁾	kW	2,64	4,96	6,32	10,08
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	3,47	6,40	7,51	11,18
Airflow	m ³ /h	560	900	1.200	1.660
Sound power level	dB(A)	62	70	64	71
FWR**AFN , 4 pipe unit, standard, without valves	Lei	2.868,-	3.078,-	3.618,-	4.607,-
FWR**AFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	Lei	4.723,-	4.948,-	5.489,-	6.569,-
FWR**AAF6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	Lei	3.925,-	4.149,-	4.734,-	5.769,-
Cooling capacity (Total) ⁽¹⁾	kW	2,43	4,96	6,32	10,08
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	2,46	4,19	6,45	10,06
Airflow	m ³ /h	560	900	1.200	1.660
Sound power level	dB(A)	62	70	64	71

Factory mounted options		02	03	06	08
3-way on/off 24V valve	Lei	on request			
2-way on/off 230V valve	Lei	on request			
2-way on/off 24V valves	Lei	on request			
4-rows coil (for 2 pipe unit only)	Lei	on request			
Electric heater (for 2 pipe unit only)	Lei	on request			

Factory mounted options		02	03	06	08
FWEC3A Advanced Plus version	Lei	on request			
FWEC3AP power control board	Lei	on request			

Notes:

(1) Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C

(2) Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode

(3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

Accessories as kits are included on page 72.

Additional single row h/e (4-row coil) can not be used in combination with electric heater.

Independent power supply is necessary for 24 V valve. FWEC1/2/3A are not suitable to control 24 V valve.

Controller FWEC3A is necessary to control DC fan motor.

Cooling capacity is related to High Speed, standard unit.

FWS-A

Fan coil with DC fan motor

- › 2-pipe and 4-pipe devices in 10 sizes
- › Low sound level and up to 70% energy saving thanks to the BLDC motor technology
- › System pressure max. 10 bar
- › Water temperature from + 5°C to + 95°C
- › Factory mounted 3 way valve
- › Condensate pump not included
- › Continuous air flow regulation and fan speed modulation
- › Instant adjustment to temperature and relative humidity changes
- › Water connections standard - left
- › Electrical connections standard – right



FLEXI type unit with DC fan motor FWS		02	03	06	08
FWS**ATN , 2 pipe unit, standard, without valve	Lei	2.245,-	2.395,-	2.752,-	3.432,-
FWS**ATV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	Lei	3.277,-	3.418,-	3.817,-	4.581,-
FWS**AATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	Lei	2.771,-	2.927,-	3.316,-	4.018,-
Cooling capacity (Total) ⁽¹⁾	kW	2,64	4,96	6,32	10,08
Heating capacity (2-pipe at High Speed) ⁽²⁾	kW	3,47	6,40	7,51	11,18
Airflow	m ³ /h	560	900	1200	1660
Sound power level	dB(A)	62	70	64	71
FWS**AFN , 4 pipe unit, standard, without valves	Lei	2.479,-	2.693,-	3.078,-	3.856,-
FWS**AFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	Lei	4.334,-	4.548,-	4.948,-	5.814,-
FWS**AAFD6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	Lei	3.535,-	3.749,-	4.193,-	5.017,-
Cooling capacity (Total) ⁽¹⁾	kW	2,43	4,96	6,32	10,08
Heating capacity (4-pipe at High Speed) ⁽³⁾	kW	2,46	4,19	6,45	10,06
Airflow	m ³ /h	560	900	1.200	1.660
Sound power level	dB(A)	62	70	64	71

Factory mounted options		02	03	06	08
3-way on/off 24V valve	Lei	on request			
2-way on/off 230V valve	Lei	on request			
2-way on/off 24V valves	Lei	on request			
4-rows coil (for 2 pipe unit only)	Lei	on request			
Electric heater (for 2 pipe unit only)	Lei	on request			

Factory mounted options		02	03	06	08
FWEC3A Advanced Plus version	Lei	on request			
FWEC3AP power control board	Lei	on request			

Notes:

(1) Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C

(2) Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode

(3) Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C

Accessories as kits are included on page 72.

Additional single row h/e (4-row coil) can not be used in combination with electric heater.

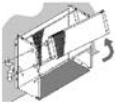
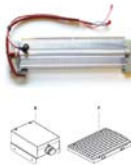





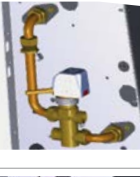

Independent power supply is necessary for 24 V valve. FWEC3A are not suitable to control 24 V valve.

Controller FWEC3A is necessary to control DC fan motor.

Cooling capacity is related to High Speed, standard unit.




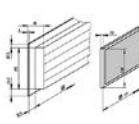
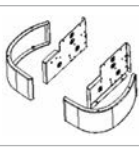






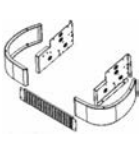

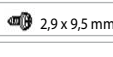
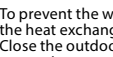

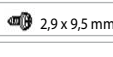
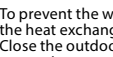

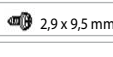
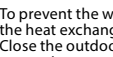
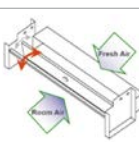
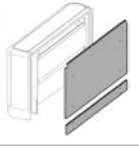
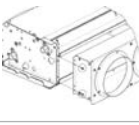
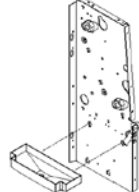

FWZ - FWR - FWS

Accessories

Accessories for FWZ/FWR/FWS			02	03	06	08																			
Additional heat exchanger 	The one-row heat exchanger is made of copper pipes and aluminum fins. Supplied as kit: 1) heat exchanger 2) fixing plate 3) self-tapping screws		ESRH02A6	ESRH03A6	ESRH06A6	ESRH10A6																			
		Lei	330,-	393,-	433,-	571,-																			
Electric heater 	Kit contains: 1/ EEH Electric heater tape 2/ E box = elec. wiring and operating relays 3/ Set of heat-resistant plastic grilles (std grilles need to be replaced)		EEH02A6	EEH03A6	EEH06A6	EEH10A6																			
		<table border="1"> <thead> <tr> <th>Unit</th> <th>Heater</th> <th>Power consumption kw</th> <th>Operting current A</th> </tr> </thead> <tbody> <tr> <td>FW02</td> <td>EEH02</td> <td>1,5</td> <td>6,8</td> </tr> <tr> <td>FW03</td> <td>EEH03</td> <td>1,6</td> <td>7,3</td> </tr> <tr> <td>FW06</td> <td>EEH06</td> <td>2,0</td> <td>9,1</td> </tr> <tr> <td>FW08</td> <td>EEH10</td> <td>3,0</td> <td>13,6</td> </tr> </tbody> </table>	Unit	Heater	Power consumption kw	Operting current A	FW02	EEH02	1,5	6,8	FW03	EEH03	1,6	7,3	FW06	EEH06	2,0	9,1	FW08	EEH10	3,0	13,6	Lei	1.328,-	1.407,-
Unit	Heater	Power consumption kw	Operting current A																						
FW02	EEH02	1,5	6,8																						
FW03	EEH03	1,6	7,3																						
FW06	EEH06	2,0	9,1																						
FW08	EEH10	3,0	13,6																						
2-pipe 3-ways 230V on/off valve kit 	Kit contains: 1/ 3way Valve Body SIZE 2÷3 valve = 1/2" (kvs=1,7) SIZE 6÷8 valve = 3/4" (kvs=2,8) 2/ Electrothermal actuator ON/OFF activation - power supply 230V - total opening time cca 4 minutes - NC (Normally Closed) 3/ Thermal insulation on pipes and valve 4/ 2pcs of lockshield valve		E2MV03A6		E2MV06A6	E2MV10A6																			
		Lei		1.062,-		1.062,-	1.126,-																		
4-pipe 3-ways 230V on/off valve kit 	Kit contains: 1/ 2 pcs of 3way Valve Body SIZE 2÷3 valve = 1/2" (kvs=1,7) SIZE 6÷8 valve = 3/4" (kvs=2,8) 2/ 2 pcs of Electrothermal actuator ON/OFF activation - power supply 230V - total opening time cca 4 minutes - NC (Normally Closed) 3/ Thermal insulation on pipes and valve 4/ 4pcs of lockshield valve		E4MV03A6		E4MV06A6	E4MV10A6																			
		Lei		1.922,-		1.922,-	2.027,-																		
2-ways 230V on/off valve kit cooling h/e 	Kit contains: 1/ 2way Valve Body SIZE 2÷6 valve = 1/2" (kvs=1,7) SIZE 8 valve = 3/4" (kvs=2,8) 2/ Electrothermal actuator ON/OFF activation - power supply 230V - total opening time cca 4 minutes - NC (Normally Closed) 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit			E2MV2B07A6		E2MV2B10A6																			
		Lei			458,-		458,-																		
2-ways 230V on/off valve kit additional h/e 	Kit contains: 1/ 2way Valve Body SIZE 2÷8 valve = 1/2" (kvs=1,7) 2/ Electrothermal actuator ON/OFF activation - power supply 230V - total opening time cca 4 minutes - NC (Normally Closed) 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit			E2MV2B07A6																					
		Lei			458,-																				
2-pipe simplified 3-ways 230V on/off valve kit 	Kit contains: 1/ 3way Valve Body SIZE 2÷3 valve = 1/2" (kvs=1,7) SIZE 6÷8 valve = 3/4" (kvs=2,8) 2/ Electrothermal actuator ON/OFF activation - power supply 230V - total opening time cca 4 minutes - NC (Normally Closed) 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit		E2MVD03A6		E2MVD06A6	E2MVD10A6																			
		Lei		620,-		634,-	644,-																		
4-pipe simplified 3-ways 230V on/off valve kit 	Kit contains: 1/ 2 pcs of 3way Valve Body SIZE 2÷3 valve = 1/2" (kvs=1,7) SIZE 6÷8 valve = 3/4" (kvs=2,8) 2/ 2 pcs of Electrothermal actuator ON/OFF activation - power supply 230V - total opening time cca 4 minutes - NC (Normally Closed) 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit		E4MVD03A6		E4MVD06A6	E4MVD10A6																			
		Lei		1.151,-		1.176,-	1.190,-																		
2-pipe 3-ways 24V on/off valve kit 	Kit contains: 1/ 3way Valve Body SIZE 2÷3 valve = 1/2" (kvs=1,7) SIZE 6÷8 valve = 3/4" (kvs=2,8) 2/ Electrothermal actuator ON/OFF activation - power supply 24V - total opening time cca 4 minutes - NC (Normally Closed) 3/ Thermal insulation on pipes and valve 4/ 2pcs of lockshield valve		E2M2V03A6		E2M2V06A6	E2M2V10A6																			
		Lei		1.062,-		1.062,-	1.126,-																		





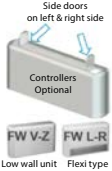
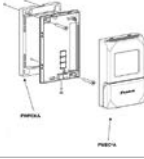


FWZ - FWR - FWS

Accessories

Accessories for FWZ/FWR/FWS		02	03	06	08																					
4-pipe 3-ways 24V on/off valve kit 	Kit contains: 1/ 2 pcs of 3way Valve Body SIZE 2÷3 valve = 1/2" (kvs=1,7) SIZE 6÷8 valve = 3/4" (kvs=2,8) 2/ 2 pcs of Electrothermal actuator ON/OFF activation - power supply 24V - total opening time cca 4 minutes - NC (Normally Closed) 3/ Thermal insulation on pipes and valve 4/ 4pcs of lockshield valve		E4M2V03A6	E4M2V06A6	E4M2V10A6																					
	Lei	1.922,-	1.922,-	2.027,-																						
2-ways 24V on/off valve kit cooling h/e 	Kit contains: 1/ 2way Valve Body SIZE 2÷6 valve = 1/2" (kvs=1,7) SIZE 8 valve = 3/4" (kvs=2,8) 2/ Electrothermal actuator ON/OFF activation - power supply 24V - total opening time cca 4 minutes - NC (Normally Closed) 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit		E2M2V207A6		E2M2V210A6																					
	Lei	458,-	458,-																							
2-ways 24V on/off valve kit additional h/e 	Kit contains: 1/ 2way Valve Body SIZE 2÷8 valve = 1/2" (kvs=1,7) 2/ Electrothermal actuator ON/OFF activation - power supply 24V - total opening time cca 4 minutes - NC (Normally Closed) 3/ without thermal insulation 4/ NO lockshield /shut of valve in the kit		E2M2V207A6																							
	Lei	458,-	458,-																							
Air intake & discharge grille 	S: Back suction grille fixed fins, made of anodised aluminium complete with filter and galvanised steel plate subframe and recyclable acrylic fibre air filter. D: Discharge grille with double row of anodised aluminium swinging fins, complete with galvanised steel plate subframe.		EAIDF02A6	EAIDF03A6	EAIDF06A6	EAIDF10A6																				
	Lei	910,-	1.101,-	1.431,-	1.697,-																					
Supporting feet 	Kit contains: <table border="1"> <thead> <tr> <th></th> <th>ESFV</th> <th>ESFVG</th> <th>FWZ</th> <th>FWS</th> </tr> </thead> <tbody> <tr> <td></td> <td>2</td> <td>2</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>2</td> <td>2</td> <td>✓</td> <td>-</td> </tr> </tbody> </table>		ESFV	ESFVG	FWZ	FWS		2	2	✓	✓		2	2	✓	-		ESFV06A6		ESFV10A6						
		ESFV	ESFVG	FWZ	FWS																					
	2	2	✓	✓																						
	2	2	✓	-																						
Lei	113,-	113,-																								
Supporting feet & grille 	<table border="1"> <thead> <tr> <th></th> <th>ESFV</th> <th>ESFVG</th> <th>FWZ</th> <th>FWS</th> </tr> </thead> <tbody> <tr> <td></td> <td>0</td> <td>1</td> <td>✓</td> <td>-</td> </tr> <tr> <td></td> <td>4</td> <td>8</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>4</td> <td>4</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>		ESFV	ESFVG	FWZ	FWS		0	1	✓	-		4	8	✓	✓		4	4	✓	✓		ESFVG02A6	ESFVG03A6	ESFVG06A6	ESFVG10A6
		ESFV	ESFVG	FWZ	FWS																					
	0	1	✓	-																						
	4	8	✓	✓																						
	4	4	✓	✓																						
Lei	162,-	201,-	226,-	315,-																						
Fresh air intake 	To prevent the water from freezing inside the heat exchanger during winter. Close the outdoor air inlet louvre when the system is not operational or use an anti-freeze solution.		EFA02A6	EFA03A6	EFA06A6	EFA10A6																				
	Lei	393,-	433,-	482,-	531,-																					
Rear panel 	It is supplied for installation of units, in case rear side can be seen (example: installation at the back of glass windows). Unit, in case of rear panel installation, can not be fixed to wall. Kit consists of: 1. rear upper closing panel 2. rear lower closing panel 3. screws		ERPV02A6	ERPV03A6	ERPV06A6	ERPV10A6																				
	Lei	201,-	217,-	266,-	330,-																					
Plenum box with circular connections (only for FWS-A) 	<table border="1"> <thead> <tr> <th>Unit size</th> <th>Plenum box</th> <th>Ø [mm] x n</th> </tr> </thead> <tbody> <tr> <td>Size 02</td> <td>EPCC02A6</td> <td>180 x 2</td> </tr> <tr> <td>Size 03</td> <td>EPCC03A6</td> <td>180 x 2</td> </tr> <tr> <td>Size 06</td> <td>EPCC06A6</td> <td>180 x 3</td> </tr> <tr> <td>Size 08</td> <td>EPCC10A6</td> <td>180 x 4</td> </tr> </tbody> </table>	Unit size	Plenum box	Ø [mm] x n	Size 02	EPCC02A6	180 x 2	Size 03	EPCC03A6	180 x 2	Size 06	EPCC06A6	180 x 3	Size 08	EPCC10A6	180 x 4		EPCC02A6	EPCC03A6	EPCC06A6	EPCC10A6					
	Unit size	Plenum box	Ø [mm] x n																							
Size 02	EPCC02A6	180 x 2																								
Size 03	EPCC03A6	180 x 2																								
Size 06	EPCC06A6	180 x 3																								
Size 08	EPCC10A6	180 x 4																								
Lei	467,-	521,-	659,-	900,-																						
Vertical auxiliary drainpan 	Install it to collect condensation. Used for vertical FCUs			EDPVB6																						
	Lei	40,-	40,-																							
Horizontal auxiliary drainpan 	Install it to collect condensation. Used for horizontal FCUs			EDPHB6																						
	Lei	40,-	40,-																							

FWZ - FWR - FWS

Accessories

Accessories for FWZ/FWR/FWS		02	03	06	08
Wired remote controller, Advanced Plus version 	All functionality of FWEC1A/2A (see page 51), but additionally: - Management of BLDC fan motor - Management of proportional valve - Weekly timer programmed operating mode - Configurable digital outputs			FWEC3A	
		Lei			998,-
Split type controller 	Power control board			FWEC3AP	
		Lei			
	Control panel for remote or on board installation (connected to the power control board) All functionality of FWEC3A, but additionally: - Master & Slave System on Conveyed Waves (CW)			FWEC3AC	
		Lei			571,-
On board mounting kit, for FWEC*A, remote airprobe incl. 	To install FWEC1/2/3A thermostat on board. (left or right side) Use it only for FWV / FWZ or FWL / FWR	 <p>Side doors on left & right side Controllers Optional FWV-Z FWL-R Low wall unit Flexi type</p>		FWECKA	
		Lei			88,-
Wall mounting kit (spacing collar), for FWEC 1A /2A and 3A 	Wall mounting kit (spacing collar), for FWEC 1A /2A and 3A			FWFCKA	
		Lei			63,-
Temperature sensor kit, for FWEC*A 	FWTSK sensor should be connected to the FWEC*A remote control using the supplied cable as accessory and, in case of prolongations, a shielded cable only. The sensor cable (1.5 m) can be cut to measure if necessary. Sensor must be positioned on the heat exchanger OR at the valve inlet (with or without valve installation)			FWTSKA	
		Lei			63,-
Relative humidity sensor kit, for FWEC2A and FWEC3A (temperature sensor kit is required) 	Bound together the air temperature remote probe, the installation of the humidity remote probe allows: - To display on the controller the environment humidity - To select the Dehumidification function The dehumidification function, available only in the cooling mode, uses the terminal to reduce the environmental humidity by approximately 10% compared to the humidity present at the moment of function selection.			FWHSKA	
		Lei			113,-
Drain pump	For FWR only vertical installation			CDRP1A	
		Lei			1.026,-

Outdoor units

ERQ Inverter heat pump condensing units

ERQ-A

High efficiency inverter heat pump outdoor units for connection to DX heat exchangers in Air Handling Units (AHU) or to CYQ Air Curtains



Type for 1~ 230V power supply		ERQ100AV1	ERQ125AV1	ERQ140AV1
Capacity index		100	125	140
Nominal cooling capacity	kW	11,2	14,0	15,5
Nominal heating capacity	kW	12,5	16,0	18,0
Price	Lei	15.181,-	16.530,-	21.251,-

Type for 3N~ 400V power supply		ERQ125AW1	ERQ200AW1	ERQ250AW1
Capacity index		125	200	250
Nominal cooling capacity	kW	14,0	22,4	28,0
Nominal heating capacity	kW	16,0	25,0	31,5
Price	Lei	18.977,-	26.358,-	30.738,-

Notes:

- When using for connection to CYQ Air Curtains, select an ERQ outdoor unit with an equal or higher capacity index than the capacity index of the Air Curtain
- Specified capacity values are for evaporation temperature = 6 °C (cooling) / condensing temperature = 46 °C (heating), evaporator superheat = 5K, condenser sub-cool = 3K, on-coil temperature = 27 °CDB / 19 °CWB (cooling) / = 20 °CDB (heating)

Control box	EKEQDCB	EKEQFCBA
Control type	Daikin control	Free (External) control
Control options	Room temperature control [via Remote Controller (accessory) or via External room temperature sensor (accessory)] Return air temperature control (via a supplied thermistor)	<ul style="list-style-type: none"> • (X-Control): 0~10V direct capacity control (5V = maintain capacity, >5V colder air wanted, <5V warmer air wanted) • (Y-Control): Fixed evaporation / condensation temperature control • (W-Control): 0~10V linear capacity control (0V = 0% capacity, 10V = 100% capacity) • Connection ratio 50 ~ 110% (ERQ)
Price	Lei	3.711,-
		3.852,-

Notes:

- A control box is a necessary component of the system for AHU applications; it is not necessary for connection to CYQ Air Curtains
- A wired remote controller (Standard or Basic) is required for the EKEQDCB control box; for the EKEQFCBA box, it is optional (required for commissioning and servicing only)
- Switching between cooling/heating operation with the EKEQFCBA box must be done from the external control system, or via the optional KRC19-26 Cool/Heat selector

Expansion valve kit	Allowed heat exchanger capacity [kW]		Combinable units					Price Lei
	Minimum	Maximum	ERQ100-	ERQ125-	ERQ140-	ERQ200-	ERQ250-	
EKEXV63	6,3	7,8	•	•				849,-
EKEXV80	7,9	9,9	•	•	•			892,-
EKEXV100	10,0	12,3	•	•	•	•		931,-
EKEXV125	12,4	15,4	•	•	•	•	•	984,-
EKEXV140	15,5	17,6		•	•	•	•	1.013,-
EKEXV200	17,7	24,6				•	•	1.104,-
EKEXV250	24,7	30,8				•	•	1.173,-

Notes:

- An expansion valve kit is a necessary component of the system for AHU applications; it is not necessary for connection to CYQ Air Curtains,
- The expansion valve kit needs to be selected based on the nominal design of the AHU heat exchanger,
- The AHU heat exchanger needs to be designed for 40bar pressures, with an internal (refrigerant) volume between 0,3 and 8,3 l (not counting headers and distributors)
- Specified capacity values are for evaporation temperature = 6 °C (cooling) / condensing temperature = 46 °C (heating), evaporator superheat = 5K, condenser sub-cool = 3K, on-coil temperature = 27 °CDB / 19 °CWB (cooling) / = 20 °CDB (heating)

Unit-specific Accessories

		EKEQDCB	EKEQFCBA	Price Lei
BRC1D52	Basic wired remote controller with weekly timer	•	•	562,-
BRC1E53A	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria		•	795,-
BRC1E53B	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian		•	795,-
BRC1E53C	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian		•	795,-
KRP4A51	Adaptor for external monitoring/control	•		916,-
RTD-20	Adaptor for external monitoring/control with 0-10VDC linear capacity control	•		2.156,-
KRCS01-1	External room temperature sensor	•		441,-
KRC19-26	Mechanical cool/heat selector	•	•	311,-
KJB111A	Fixing box for cool/heat selector	•	•	151,-

Notes:

- A wired remote controller (Standard or Basic) is required for the EKEQDCB control box; for the EKEQFCBA box, it is optional (required for commissioning and servicing only)
- Switching between cooling/heating operation with the EKEQFCBA box must be done from the external control system, or via the optional KRC19-26 Cool/Heat selector

Pre-sized fresh air solution

High end ventilation with heat recovery

- › Pre-sized making selection, quotation, ordering easy
- › Connects directly to pre-selected Daikin DX outdoor units
- › IE premium efficiency motor
- › High efficiency heat wheel (heat recovery)
- › Compact design
- › Indoor air quality compliant with VDI hygiene guideline
- › Operating limits from -20°C up to +46 °C ambient temperature
- › Direct integration in intelligent Touch Manager for monitoring and control



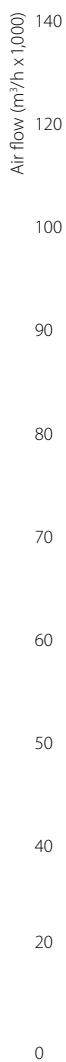
				ADT03FDI-80	ADT03FDI-100	ADT03FDI-125	ADT04FDI-125	ADT04FDI-140	ADT04FDI-200	ADT05FDI-200	ADT05FDI-250	
Airflow	Nominal Air Flow valid for Cooling (1) and Heating(2)		m3/h	2.200	2.700	3.200	3.600	4.100	4.700	5.500	6.200	
Expansion valve kit	Type Number			EKEXV80	EKEXV100	EKEXV125	EKEXV125	EKEXV140	EKEXV200	EKEXV200	EKEXV250	
Control box	Type Number			EKEQFCBA 1								
Outdoor unit	Type Number			ERQ100AV1		ERQ125AV1		ERQ140AV1		ERQ200AW1	ERQ250AW1	
Energy Rating	Eurovent Energy Class ERP Compliance			A+		A		A+		A	A+	
Heat Recovery Technology	Winter	Nom.	%	Sorption Heat Wheel								
Heat Recovery Technology	Winter	Nom.	%	81,5	79,2	76,9	81,1	79,6	77,8	79	77,4	
ESP	Nom.		Pa	200								
SFPv	Nom.		W/(m3/s)	1.388	1.508	1.660	1.402	1.512	1.637	1.456	1.575	
Supply Fan power input	Nom.		W	0,53	0,7	0,92	0,89	1,08	1,35	1,4	1,72	
Filter class	Supply Extract			F7+ F7 F7+ F7								
Dimensions	Unit	Height	mm	1.540				1740				
		Width	mm	2.500				2.620		2.780		
		Depth	mm	990				1.200		1.400		
Weight			Kg	549				659		840		
Total Power Input	Nom.		kW	1,55	2	2,3	2,25	2,63	3,15	3,25	3,86	
Power supply	Electrical voltage		V/ph/Hz	230V/1Ph/50Hz				400V/3Ph/50Hz				
Door opening (following supply air direction)				Right								
				ADT06FDI-250	ADT07FDI-250	ADT07FDI-140	ADT07FDI-200	ADT08FDI-200	ADT09FDI-200	ADT09FDI-250	ADT10FDI-250	
Airflow	Nominal Air Flow valid for Cooling ⁽¹⁾ and Heating ⁽²⁾		m3/h	6.900	7.400	8.000	8.700	10.000	11.500	13.200	14.900	
Expansion valve kit	Type Number			EKEXV250		EKEXV140	EKEXV200			EKEXV250	EKEXV250	
Control box	Type Number			1			2					
Control box	Type Number			EKEQFCBA								
Outdoor unit	Type Number			1			2					
Outdoor unit	Type Number			ERQ250AW1		ERQ140AV1	ERQ200AW1		ERQ250AW1			
Energy Rating	Eurovent Energy Class ERP Compliance			A	A+		A		A+	A	A+	
Heat Recovery Technology	Winter	Nom.	%	Sorption Heat Wheel								
Heat Recovery Technology	Winter	Nom.	%	77,9	80,2	79,3	78,1	78,4	79,7	77,9	80,2	
ESP	Nom.		Pa	200								
SFPv	Nom.		W/(m3/s)	1.580	1.438	1.491	1.581	1.429	1.438	1.569	1.397	
Supply Fan power input	Nom.		W	1,86	1,82	2,04	2,35	2,48	2,82	3,54	3,62	
Filter class	Supply Extract			F7+ F7 F7+ F7								
Dimensions	Unit	Height	mm	1.920				2.180		2.460		2.570
		Width	mm	2.980	3.100		3.150		2.980		3.100	
		Depth	mm	1.400	1.600				1.940		2.300	
Weight			Kg	887	1.063		1.489		1.594		1.973	
Total Power Input	Nom.		kW	4,14	4,07	4,48	5,08	5,37	6,06	7,44	7,6	
Power supply	Electrical voltage		V/ph/Hz	400V/3Ph/50Hz								
Door opening (following supply air direction)				Right								

(1) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m
 (2) Heating: indoor temp. 20°CDB; outdoor temp. -15°CDB; equivalent refrigerant piping: 5m; level difference: 0m

Products overview



D-AHU Professional



Professional

- › Pre-configured sizes
- › **Tailored to the individual customer**
- › Modular construction



750 m³/h
up to 144.000 m³/h

Modular R

- › Pre-configured sizes
- › Plug and play concept
- › EC fan technology
- › **Heat recovery wheel (sorption and sensible technology)**
- › **Compact design**



D-AHU
Modular R

500 m³/h
up to 25.000 m³/h

Modular P

- › Pre-configured sizes
- › Plug and play concept
- › EC Fan technology
- › **High efficiency aluminium counter flow plate heat exchanger**
- › **Compact design**



D-AHU
Modular P

500 m³/h
up to 15.000 m³/h

› Modular L

- › Pre-configured sizes
- › Plug and play concept
- › EC Fan technology
- › **High efficiency aluminium counter flow plate heat exchanger**
- › **Low height unit**
- › **For false ceiling applications**



D-AHU
Modular L

100 m³/h
up to 3.400 m³/h

Selection software

ASTRA Web

- › Quick AHU selection that will save you precious time, drastically reducing selection time through the new software interface.
- › Very competitive solution available within the Wizard thanks to pre-uploaded parameters.
- › High selection quality, thanks to the intelligence embedded within the software core.

Quickly select your air handling unit by following the wizard:

- 1 Select the series: D-AHU Professional or D-AHU Modular R
- 2 Insert the air flow supply and return
- 3 Insert the summer/winter air supply setpoint
- 4 Insert the summer/winter outdoor and extract temperature

You will get immediately your 3D result and it's ready to customize!

Adding or changing the components: coils for the Modular R or filters, recuperators etc for the Professional range. Options as insulation type and metal sheet can be selected.

When finished a technical report, price list, fan curve chart and psychrometric chart can be generated. These final reports can be downloaded in different formats.



Eurovent certification

Daikin Applied Europe S.p.A. participates in the Eurovent Certified Performance programme for Air Handling Units.

Check ongoing validity of certificate:
www.eurovent-certification.com
 or www.certiflash.com



Energy TermiC° S2	Eurovent Classification according to EN1886					
D1	Casing strength class Max. relative deflection mm x m ⁻¹	D1 4,00	D2 10,00	D3 EXCEEDING10		
L1	Casing air leakage class at -400 Pa Max. leakage rate (f ₄₀₀) l x s ⁻¹ x m ⁻²	L1 0,15	L2 0,44	L3 1,32		
L1	Casing air leakage class Max. leakage rate (f ₇₀₀) l x s ⁻¹ x m ⁻²	L1 0,22	L2 0,63	L3 1,90		
F9	Filter bypass leakage class Max. filter bypass leakage rate k in % of the volume flow rate	F9 0,50	F8 1	F7 2	F6 4	G1 TO F5 6
T2	Thermal transmittance (U) W/m ² x K	T1 U <= 0,5	T2 0,5 < U <= 1	T3 1 < U <= 1,4	T4 1,4 < U <= 2	T5 No requirements
TB2	Thermal bridging factor (kb) W x m ⁻² x K-1	TB1 0,75 < K _b <= 1	TB2 0,6 < K _b <= 0,75	TB3 0,45 < K _b <= 0,6	TB4 0,3 < K _b <= 0,45	TB5 No requirements

NEW ALB-R/LB(S)








Premium efficiency heat recovery ventilation unit







- › Available in 6 sizes with an air flow up to 3.600 m³/h
- › Compliant with VDI 6022
- › Exceeding ERP 2018 requirement
- › Reduced energy consumption thanks to EC fans with IE4 motor efficiency
- › From 150 Pa up to 500 Pa of external static pressure, depending on the model sizes
- › Premium quality counter flow plate heat exchanger with efficiency up to 93%» Smallest size is 280 mm of height, while the biggest size is 500 mm of height
- › Energy saving solution thanks to the 100% automatic bypass
- › Free-cooling operation and energy efficient defrost logic
- › Double filter on supply and return, up to F7+F9 filtration level
- › Possibility to have pre – filter (G4, M5, F7)
- › CO₂ level management thanks to optional CO₂ sensor
- › 50 mm double skin panels, mineral wool insulated
- › Modbus and BACnet compatible (accessory)
- › Available also with integrated heating coil (water)



- › VAM PCB (Smart)
- › F1/F2 and P1/P2 protocol (Smart)
- › Fully compatible with SkyAir and VRV systems (Smart)
- › Direct integration into DIII-net (Smart)
- › Controlled through any Daikin local, centralized controllers iTAB, iTM, iTC (Smart)

ALB-R/LB(S) ⁽¹⁾			02	03	04	05	06	07
ALB-R/LB		Lei	44.342,-	52.284,-	68.457,-	76.646,-	98.126,-	104.428,-
ALB-R/LB(S) (Smart)		Lei	39.158,-	47.188,-	63.398,-	71.603,-	93.101,-	99.560,-
Airflow/Airflow Smart		m ³ /h	300	600	1.200	1.500	2.500/2.300	3.000
Thermal efficiency ⁽²⁾ /Thermal efficiency ⁽²⁾ Smart		%	93/90	93/91	93/90	92/90	94/92	93/91
External static pressure	Nom.	Pa	100	100	100	100	100	100
Current/Current Smart	Nom.	A	0,52	1,17	1,91	2,48	4,39/3,76	5,39
Power input/Power input Smart	Nom.	kW	0,12	0,27	0,44	0,57	1,01/0,87	1,24
SFPv ⁽³⁾ /SFPv Smart		kW/m ³ /s	1,24	1,49	1,25/1,28	1,31/1,32	1,42/1,32	1,46
Electrical supply	Phase	ph	1	1	1	1	1	1
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60
	Voltage	V	220/240 Vac	220/240 Vac	220/240 Vac	220/240 Vac	220/240 Vac	220/240 Vac
Dimensions unit	Width	mm	920	1.100	1.600	1.600	2.000	2.000
	Height	mm	280	350	415	415	500	500
	Length	mm	1.660	1.800	2.000	2.000	2.000	2.000
Weight unit		kg	125	180	270	280	355	360
Rectangular duct flange	Width	mm	250	400	500	500	700	700
	Height	mm	150	200	300	300	400	400
Unit sound power level/Unit sound power level Smart		dBA	48	54	57	53	62/60	57
Unit sound pressure level ⁽⁴⁾ /Unit sound pressure level Smart		dBA	34	39	41	37	46	41

Accessories for ALB-R/LB			02	03	04	05	06	07
	Compact filter	G4	ALF02G4A	ALF03G4A	ALF05G4A	ALF07G4A		
		Lei	204,-	242,-	299,-	337,-		
		M5	ALF02M5A	ALF03M5A	ALF05M5A	ALF07M5A		
		Lei	613,-	836,-	1.154,-	1.396,-		
		F7	ALF02F7A	ALF03F7A	ALF05F7A	ALF07F7A		
		Lei	631,-	893,-	1.174,-	1.416,-		
		F9	ALF02F9A	ALF03F9A	ALF05F9A	ALF07F9A		
		Lei	688,-	950,-	1.249,-	1.454,-		
	Silencer	900 mm depth	ALS0290A	ALS0390A	ALS0590A	ALS0790A		
		Lei	2.346,-	3.429,-	4.636,-	6.612,-		
	Probes	CO ₂			ALP00COA			
		Lei			5.178,-			
		Humidity (%RH)			ALP00HUA			
		Lei			2.979,-			
		Temperature			ALP00TEA			
		Lei			613,-			
	Coil module	Electric pre-heating	ALD02HEFA	ALD03HEFA	ALD05HEFA	ALD07HEFA		
		Lei	13.784,-	14.379,-	19.167,-	25.109,-		
		Electric post-heating	ALD02HESA	ALD03HESA	ALD05HESA	ALD07HESA		
		Lei	13.988,-	14.734,-	22.781,-	25.109,-		
		Water cooling (post-heating)	ALD02CWSA	ALD03CWSA	ALD05CWSA	ALD07CWSA		
		Lei	9.181,-	10.617,-	12.816,-	17.546,-		
		Water heating (pre/post-heating)	ALD02HWUA	ALD03HWUA	ALD05HWUA	ALD07HWUA		
		Lei	4.157,-	4.361,-	6.204,-	8.550,-		
	Mechanical accessories	Rail	ALA02RLA	ALA03RLA	ALA05RLA	ALA07RLA		
		Lei	1.454,-	1.563,-	1.771,-	1.919,-		
		Rectangular - Circular duct transition	ALA02RCA	ALA03RCA	ALA05RCA	ALA07RCA		
		Lei	950,-	1.435,-	1.659,-	2.199,-		
	Valves	2-way valve water heating	ALV02HW2A	ALV03HW2A	ALV05HW2A	ALV07HW2A		
		Lei	561,-	613,-	821,-	893,-		
		3-way valve water heating	ALV02HW3A	ALV03HW3A	ALV05HW3A	ALV07HW3A		
		Lei	688,-	821,-	893,-	950,-		
		2-way valve water cooling	ALV02CW2A	ALV03CW2A	ALV05CW2A	ALV07CW2A		
		Lei	561,-	613,-	821,-	893,-		
		3-way valve water cooling	ALV02CW3A	ALV03CW3A	ALV05CW3A	ALV07CW3A		
		Lei	688,-	821,-	893,-	950,-		
	Electrical Accessories	Modulating actuator			ALE00AMVA			
		Lei			1.848,-			
	Controls	Module bacnet Interface			ALC00908A			
		Lei			1.981,-			
		Module modbus Interface			ALC00902A			
		Lei			1.283,-			
		Room thermostat (included in the main unit)			ALC00822A			
Lei			850,-					
		Commissioning module			ALC00895A			
		Lei			2.237,-			

Accessories for ALB-R/LBS			02	03	04	05	06	07
	Compact filter	G4	ALF02G4A	ALF03G4A	ALF05G4A	ALF07G4A		
		Lei	204,-	242,-	299,-	337,-		
		M5	ALF02M5A	ALF03M5A	ALF05M5A	ALF07M5A		
		Lei	613,-	836,-	1.154,-	1.396,-		
		F7	ALF02F7A	ALF03F7A	ALF05F7A	ALF07F7A		
		Lei	631,-	893,-	1.174,-	1.416,-		
		F9	ALF02F9A	ALF03F9A	ALF05F9A	ALF07F9A		
		Lei	688,-	950,-	1.249,-	1.454,-		
	Silencer	900 mm depth	ALS0290A	ALS0390A	ALS0590A	ALS0790A		
		Lei	2.346,-	3.429,-	4.636,-	6.612,-		
	Probes	CO ₂			BRYMA200			
		Lei			on request			
	Coil module	Electric pre-heating	ALD02HEFB	ALD03HEFB	ALD05HEFB	ALD07HEFB		
		Lei	11.107,-	11.685,-	15.748,-	20.929,-		
	Mechanical accessories	Rail	ALA02RLA	ALA03RLA	ALA05RLA	ALA07RLA		
		Lei	1.454,-	1.563,-	1.771,-	1.919,-		
		Rectangular - Circular duct transition	ALA02RCA	ALA03RCA	ALA05RCA	ALA07RCA		
		Lei	950,-	1.435,-	1.659,-	2.199,-		
	Control	Room Thermostat (Not included in the main unit)			BRC1H519W/S/K			
		Lei			914,-			

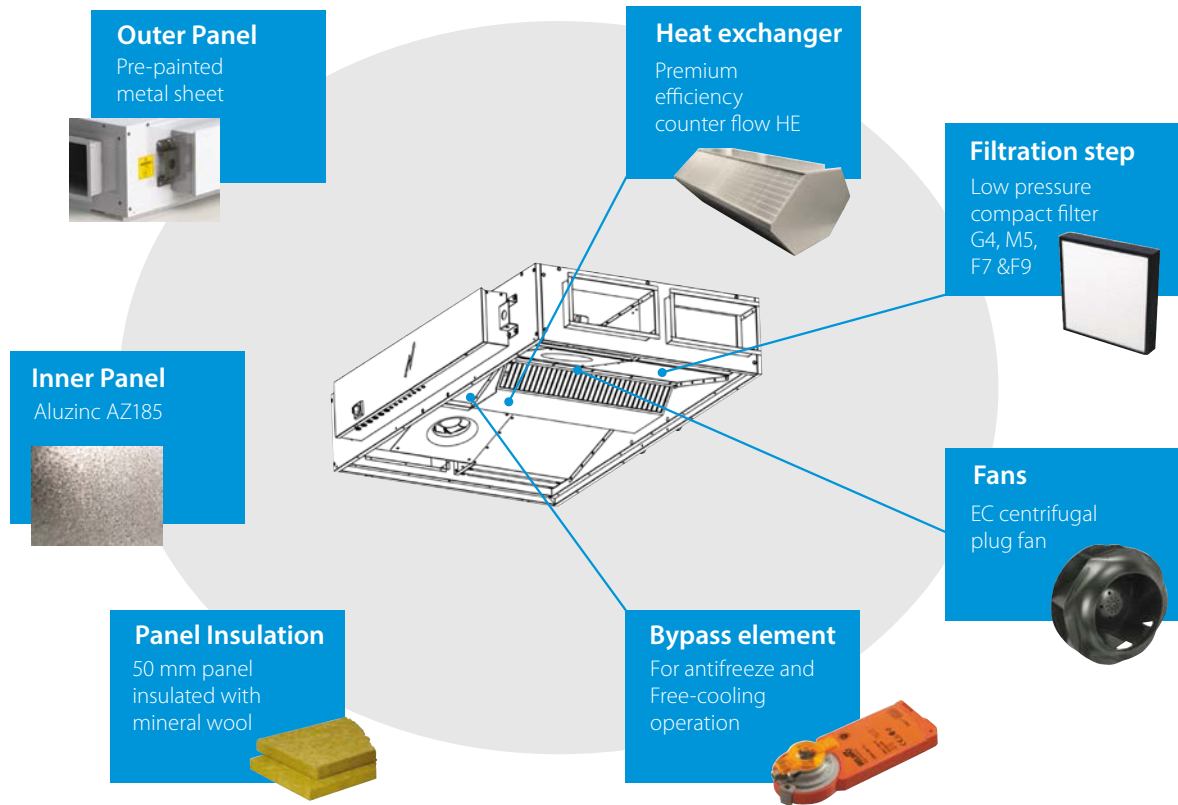
Notes: (1) R= right connection and L= left connection; S = Smart Solution (Daikin PCB)

(2) Nominal condition: Outdoor: -10°C (-5°C for Modular Light Smart), 90% Indoor: 22°C, 50%

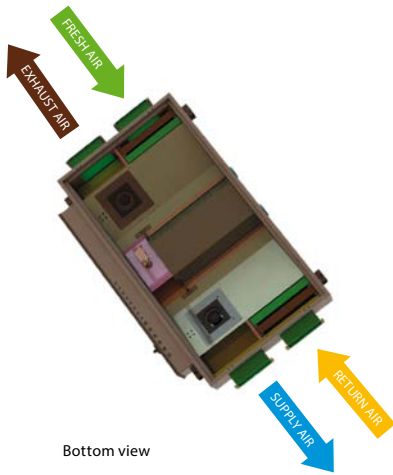
(3) SFPv is a parameter that quantifies the fan efficiency (the lower it is the better will be). This reduces if airflow decreases.

(4) EN 3744. Surrounding, Directivity (Q) = 2, @1,5m distance

Modular Light unique features



Accessories



Modular Smart

Possible position of the element

	FRESH AIR	SUPPLY AIR	EXHAUST AIR	RETURN AIR
Compact filter	✓			✓
Silencer	✓	✓	✓	✓
CO₂ sensor			✓	
Electric coil	✓			

Modular Light

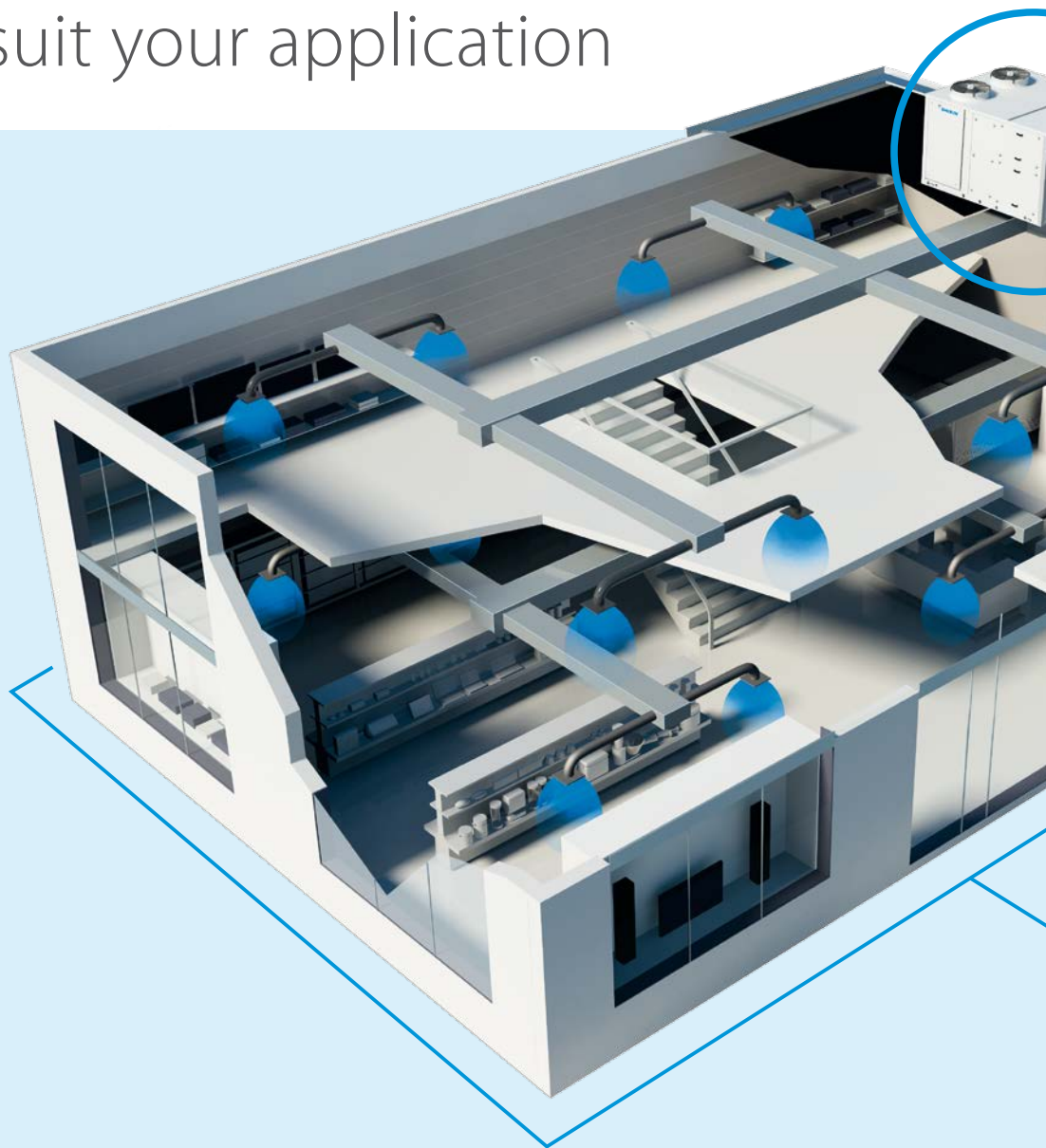
Possible position of the element

	FRESH AIR	SUPPLY AIR	EXHAUST AIR	RETURN AIR
Compact filter	✓			✓
Silencer	✓	✓	✓	✓
CO₂ sensor				✓
Humidity sensor		✓		✓
Electric coil	✓	✓		
Water coil (2&3 way valve)	✓*	✓		

* Heating only

Daikin rooftops

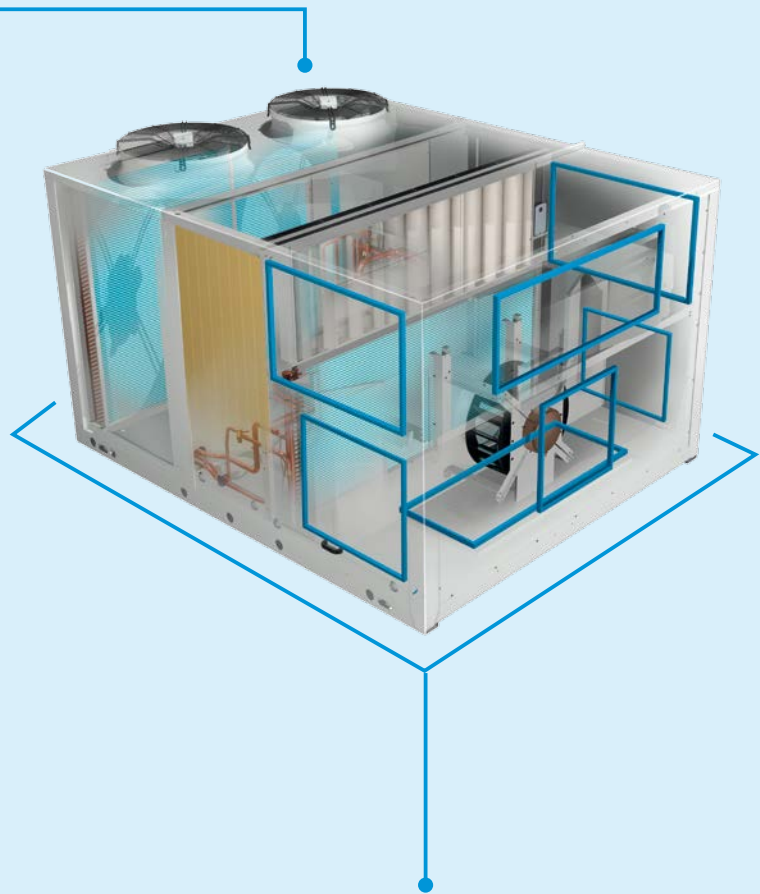
Flexible to suit your application



Rooftop for Retail & Department Stores

Retail & department stores need challenging design because of **limited space and complex building structure, containing different floors and spaces**. Daikin rooftops provide the solution:

- › Ductwork can be connected flexibly (front, left, right, bottom) to optimize installation space.
- › High efficiency EC plug fans are maintenance free, limiting the downtime of the system for maintenance.
- › Extraction damper and fan ensure there is no overpressure in the building and air circulation is optimised.
- › High indoor air quality can be guaranteed thanks to integrated fresh air provision.



Supply and extract ducting ensures even distribution in the building.

Plug & play installation as indoor and outdoor are in one package.

Rooftop for Warehouses & Industry

For building managers and engineers, warehouses or industrial applications can pose serious HVAC **challenges because of their size and unique design**. Daikin rooftops provide the solution:

- › Pre-connected indoor/outdoor units and factory charged refrigerant provide cost-effective installation.
- › High ESP up to 300Pa allows extensive ductwork to evenly distribute the air across a large space.
- › Scroll compressor and free cooling ensure highly efficient 24/7 operation.
- › Clogged filter alarm indicates when filter needs cleaning, ensuring optimum operation and minimized energy consumption.



Daikin rooftops series

An extensive package included in all models



1 Standard integrated high efficiency EC plug fans

- › Static pressure up to 300Pa
- › Inverter controlled
- › Maintenance free

2 Standard flexible air delivery

- › Up to 4 possible sides can be selected on site (front, left, right, bottom)

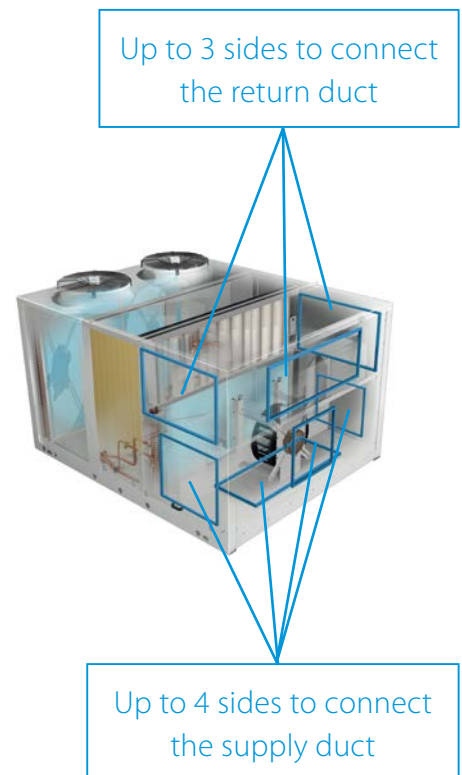
3 Latest pCO⁵ controller

- › Direct integration into Daikin intelligent Touch Manager BMS (via optional BACnet protocol)
- › Easy integration in 3rd party BMS systems
 - › Standard Modbus protocol
 - › Optional BACnet protocol

4 Standard clogged filter alarm

- › Indicates when a filter requires cleaning
- › Improved indoor air quality and efficiency

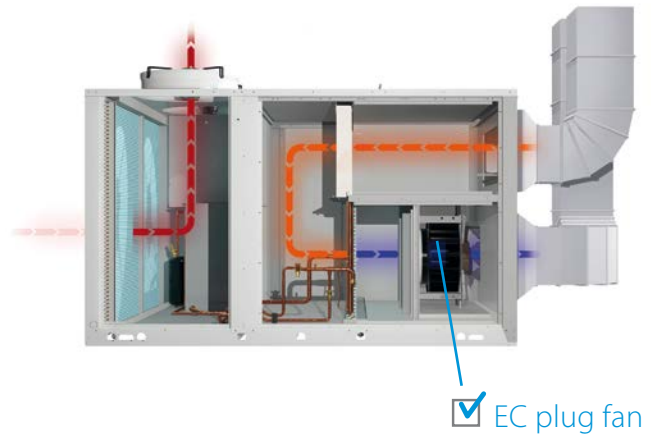
5 Hydrophilic coated aluminium fins on indoor and outdoor side



UATYQ-ABAY1

High installation flexibility and easy servicing

- › Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- › High efficiency and reliable scroll compressor
- › Factory pre-charged refrigerant ensures clean and efficient operation

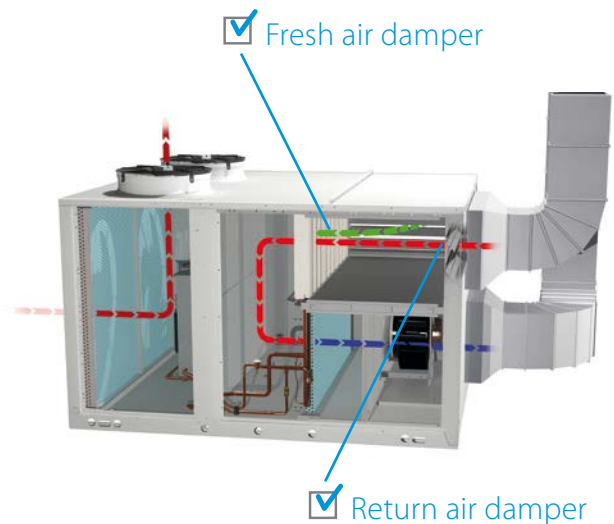


Cooling operation example

UATYQ-AFC2Y1

2 damper version, with integrated fresh air

- › Free cooling with 100% fresh air possible
 - › Improved air quality
 - › Energy saving using fresh outdoor air to cool the building
- › Standard CO₂ sensor connection
 - › Ideal balance between efficiency and indoor air quality
- › Includes all Base model features

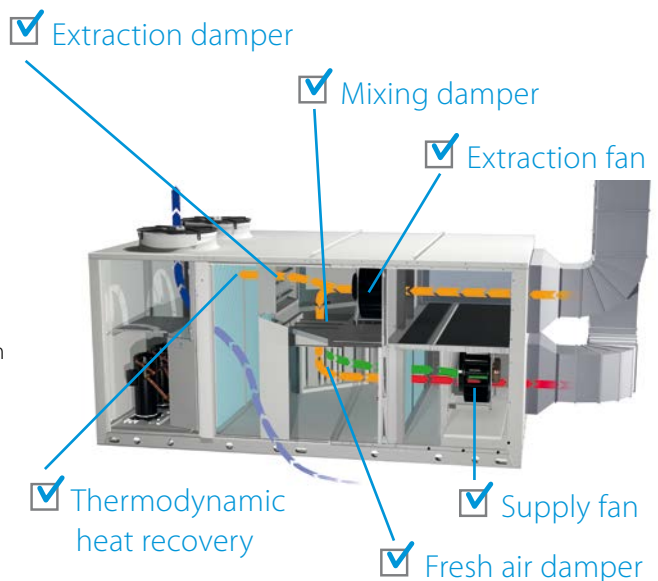


Cooling operation example

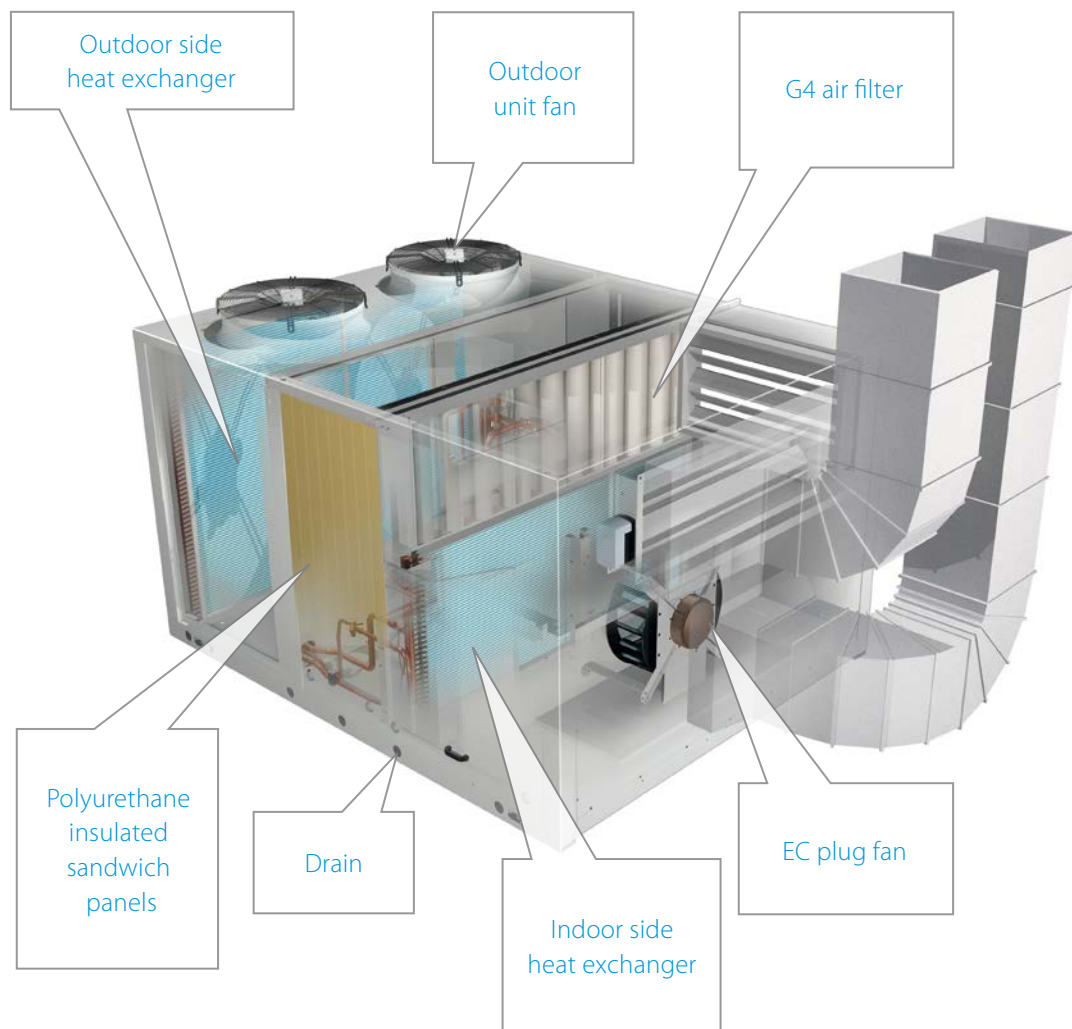
UATYQ-AFC3Y1

3 damper version, with integrated fresh air and extraction

- › Extraction damper integrated
 - › Eliminates excessive overpressure in the building
 - › UATYQ45-115AFC3Y1 models include high efficient extraction fan for optimum air circulation in larger buildings
- › Thermo dynamic heat recovery
 - › Saves energy by recovering waste heat through the outdoor heat exchanger
 - › Available on UATYQ20-55AFC3Y1



Heating operation example



UATYQ20ABAY1

UATYQ25-30ABAY1

UATYQ45-55ABAY1

UATYQ65-75ABAY1

UATYQ90-115ABAY1

UATYQ20AFC2Y1

UATYQ25-30AFC2Y1

UATYQ25-30AFC2Y1

UATYQ65-75AFC2Y1

UATYQ90-115AFC2Y1

UATYQ20AFC3Y1

UATYQ25-30AFC3Y1

UATYQ25-30AFC3Y1

UATYQ65-75AFC3Y1

UATYQ90-115AFC3Y1

Products overview rooftops

System	Type	Model	Product name	Refrigerant	Capacity class (kW)										
					20	25	30	45	50	55	65	75	90	100	115
For EU region	Air cooled Heat pump	Rooftop unit With extensive base package for high installation flexibility and easy servicing - 'Plug and play' for easy installation - High efficiency - Field convertible return and supply air - Direct integration with Daikin or third party BMS - Factory pre-charged refrigerant	UATYQ-ABAY1	R-410A	●	●	●	●	●	●	●	●	●	●	●
		Rooftop unit 2 damper version with integrated fresh air - 'Plug and play' for easy installation - Free cooling with up to 100% fresh air intake - High efficiency - Field convertible return and supply air - Direct integration with Daikin or third party BMS	UATYQ-AFC2Y1		●	●	●	●	●	●	●	●	●	●	
		Rooftop unit 3 damper version with integrated fresh air and extraction - 'Plug and play' for easy installation - Integrated extraction damper eliminates over-pressure - Thermo dynamic heat recovery, recovering waste heat - Free cooling with up to 100% fresh air intake - Field convertible return and supply air	UATYQ-AFC3Y1		●	●	●	●	●	●	●	●	●	●	

UATYQ-ABAY1

BASE version:
Working with 100% indoor air recirculation.



UATYQ-ABAY1				20	25	30	45	50	55	65	75	90	100	115		
Price			Lei	90.938,-	102.609,-	103.403,-	134.687,-	144.814,-	154.936,-	178.975,-	190.209,-	228.874,-	234.526,-	253.166,-		
Cooling capacity	Nom.		kW	19,5	28,0	30,4	44,1	49,2	51,6	63,5	73,9	90,3	101,6	106,8		
Heating capacity	Nom.		kW	17,9	27,0	31,3	46,1	51,9	56,3	63,8	76,6	93,3	104,5	114,2		
Space cooling	Capacity	Pdesign	kW	19,5	28,0	30,4	44,1	49,2	51,6	63,5	73,9	90,3	101,6	106,8		
	η _{s,c}		%	135,0	143,5	127,5	119,5	134,1	129,0	130,4	124,6	118,2	137,9	127,0		
Space heating (Average climate)	Capacity	Pdesign	kW	17,9	27,0	31,3	46,1	51,9	56,3	63,8	76,6	93,3	104,5	114,2		
	η _{s,h}		%	115,4	129,0	119,5	115,4	125,2	124,8	121,0	118,2	116,0	125,3	124,3		
Power input	Cooling	Nom.	kW	6,6	10,0	12,0	17,0	19,7	22,5	23,6	29,7	33,8	39,0	44,3		
	Heating	Nom.	kW	5,8	8,0	9,6	14,6	16,3	18,1	20,0	25,1	29,9	33,2	37,3		
EER				2,94	2,79	2,54	2,60	2,50	2,29	2,69	2,49	2,67	2,60	2,41		
COP				3,07	3,38	3,26	3,15	3,19	3,11	3,20	3,05	3,12	3,15	3,06		
Evaporator	Supply side	Fan	Air flow rate	m ³ /h	4.950	7.260	8.250	11.000	12.100	13.200	15.400	17.600	20.900	23.650	25.300	
			Nom. external static pressure	Pa	300											
	Return side	Air discharge direction		Frontal, Left			Frontal, Left, Right, Bottom			Left, Right, Bottom						
		Air intake direction		Rear			Rear, Right, Left			Rear						
Condensator	Air flow rate	Cooling	m ³ /h	11.500	12.000			19.000			33.200		44.000			
Condensator	Refrigerant	Type / GWP		R410-A / 2.087,5												
Condensator	Charge	TCO ₂ Eq / kg		15,7 / 7,5	27,1 / 13,0			35,5 / 17,0			31,3 / 15,0		41,8 / 20,0	43,8 / 21,0	48,0 / 23,0	
Dimensions	Unit	Height x Width x Depth	mm	1.576x1.828x1.762	2.126x1.828x1.762			1.799x2.712x2.263			1.799x3.760x2.252		2.180x4.059x2.252			
Weight	Unit		kg	672	780			1,068	1,221	1,247	1,553	1,581	1,738	1,742	1,794	
Casing	Colour			RAL 7035												
Sound pressure level	Cooling		dB(A)	60			61	63			64		65			
Sound power level	Cooling		dB(A)	77	78			79	81			83		85		
Operation range	Cooling	Min. ~ Max.	°CDB	0 ~ 47												
	Heating	Min. ~ Max.	°CWB	-12,1 ~ 19,5												
Power supply	Voltage / Phase / Frequency		V / Hz	400/3+N/50 ±5%								400/3/50 ±5%				
Current	Recommended fuses		A	25	32	40	50	63	80	100	125					

UATYQ-AFC2Y1

FC2S version:
Including free cooling up to 100% with 2 dampers. Integrated fresh air management. The air extraction is done in the building separately.



UATYQ-AFC2Y1			20	25	30	45	50	55	65	75	90	100	115		
Price		Lei	98.035,-	110.732,-	111.516,-	142.557,-	152.679,-	162.807,-	189.720,-	199.491,-	239.642,-	246.316,-	263.933,-		
Cooling capacity	Nom.	kW	19,5	28,0	30,4	44,1	49,2	51,6	63,5	73,9	90,3	101,6	106,8		
	with 30% fresh air	kW	20,9	30,0	32,5	47,8	52,3	55,1	68,1	78,9	96,7	108,2	114,2		
Heating capacity	Nom.	kW	17,9	27,0	31,3	46,1	51,9	56,3	63,8	76,6	93,3	104,5	114,2		
	with 30% fresh air	kW	18,3	27,5	31,8	48,8	52,6	57,2	65,5	77,8	94,9	106,0	116,6		
Space cooling	Capacity	Pdesign	kW	19,5	28,0	30,4	44,1	49,2	51,6	63,5	73,9	90,3	101,6	106,8	
	ηs,c	%	135,0	143,5	127,5	119,5	134,1	129,0	130,4	124,6	118,2	137,9	127,0		
Space heating (Average climate)	Capacity	Pdesign	kW	17,7	27,0	31,3	46,1	51,9	56,3	63,8	76,6	93,3	104,5	114,2	
	ηs,h	%	115,4	129,0	119,5	115,4	125,2	124,8	121,0	118,2	116,0	125,3	124,3		
Power input	Cooling	Nom.	kW	6,6	10,0	12,0	17,0	19,7	22,5	23,6	29,7	33,8	39,0	44,3	
	Heating	Nom.	kW	5,8	8,0	9,6	14,6	16,3	18,1	20,0	25,1	29,9	33,2	37,3	
EER	with 30% fresh air		3,14	2,95	2,67	2,74	2,60	2,41	2,85	2,61	2,82	2,73	2,53		
COP	with 30% fresh air		3,37	3,75	3,56	3,42	3,48	3,40	3,64	3,31	3,38	3,43	3,35		
Evaporator	Supply side	Fan	Air flow rate	m³/h	4.950	7.260	8.250	11.000	12.100	13.200	15.400	17.600	20.900	23.650	25.300
			Nom. external static pressure	Pa	300										
Return side	Air discharge direction		Frontal, Left				Frontal, Left, Right, Bottom				Left, Right, Bottom				
	Air intake direction		Rear												
Fresh air	Standard		yes												
	Ratio	Standard	30												
	In free cooling		100												
Condensator	Air flow rate	Cooling	m³/h	11.500	12.000	19.000			33.200		44.000				
Condensator	Refrigerant	Type / GWP	R410-A / 2.087,5												
Condensator	Charge	TCO2Eq/kg	15,7 / 7,5	27,1 / 13,0			35,5 / 17,0			31,3 / 15,0		41,8 / 20,0	43,8 / 21,0	48,0 / 23,0	
Dimensions	Unit	Height x Width x Depth	mm	1.576x1.828x1.762	2.126x1.828x1.762			1.799x2.712x2.263			1.799x4.675x2.252		2.180x4.875x2.252		
Weight	Unit	kg	679	788			1.098	1.251	1.277	1.698	1.726	1.906	1.914	1.966	
Casing	Colour	RAL 7035													
Sound pressure level	Cooling	dBA	60			61	63		64		65				
Sound power level	Cooling	dBA	77	78			79	81		83		85			
Operation range	Cooling	Min. ~ Max.	°CDB 0 ~ 47												
	Heating	Min. ~ Max.	°CWB -12,1 ~ 19,5												
Power supply	Voltage / Phase / Frequency		V / Hz	400/3+N/50 ±5%								400/3/50 ±5%			
Current	Recommended fuses		A	25	32	40	50	63		80	100		125		

UATYQ-AFC3Y1





FC3S version:

A third version including free cooling up to 100% fitted with 3 dampers. The third damper will assure the building overpressure is compensated by the unit.



























				UATYQ-AFC3Y1													
				20	25	30	45	50	55	65	75	90	100	115			
Price				Lei	111.691,-	125.970,-	126.768,-	175.494,-	188.689,-	198.816,-	233.058,-	242.121,-	279.714,-	290.054,-	311.159,-		
Cooling capacity	Nom.			kW	19,5	28,0	30,4	44,1	49,2	51,6	63,5	73,9	90,3	101,6	106,8		
	with 30% fresh air			kW	21,1	30,4	33,2	47,8	53,4	56,3	68,1	78,9	96,7	108,2	114,2		
Heating capacity	Nom.			kW	17,9	27,0	31,3	46,1	51,9	56,3	63,8	76,6	93,3	104,5	114,2		
	with 30% fresh air			kW	18,9	28,7	33,2	48,8	54,9	59,7	65,5	77,8	94,9	106,0	116,6		
Space cooling	Capacity	Pdesign		kW	19,5	28,0	30,4	44,1	49,2	51,6	63,5	73,9	90,3	101,6	106,8		
	ηs,c			%	135,0	143,5	127,5	119,5	134,1	129,0	130,4	124,6	118,2	137,9	127,0		
Space heating (Average climate)	Capacity	Pdesign		kW	17,9	27,0	31,3	46,1	51,9	56,3	63,8	76,6	93,3	104,5	114,2		
	ηs,h			%	115,4	129,0	119,5	115,4	125,2	124,8	121,0	118,2	116,0	125,3	124,3		
Power input	Cooling	Nom.		kW	6,6	10,0	12,0	17,0	19,7	22,5	23,6	29,7	33,8	39,0	44,3		
	Heating	Nom.		kW	5,8	8,0	9,6	14,6	16,3	18,1	20,0	25,1	29,9	33,2	37,3		
EER	with 30% fresh air				3,25	3,08	2,82	2,82	2,70	2,51	2,82	2,58	2,79	2,70	2,51		
	with 30% fresh air				3,46	3,84	3,66	3,44	3,51	3,42	3,58	3,26	3,33	3,38	3,30		
Evaporator	Supply side	Fan	Air flow rate	m³/h	4.950	7.260	8.250	11.000	12.100	13.200	15.400	17.600	20.900	23.650	25.300		
			Nom. external static pressure	Pa	300												
Return side	Fan	Air discharge direction	Frontal, Left			Frontal, Left, Right, Bottom			Left, Right, Bottom								
		Air flow rate	m³/min	N/A			11.000	12.100	13.200	15.400	17.600	20.900	23.650	25.300			
Fresh air	Standard	Ratio	Nom. external static pressure	Pa	N/A												
			Air intake direction	Rear			Rear, Right, Left			Rear, Right, Left, Bottom							
Fresh air	Therm. heat recovery	yes			no												
		Standard	yes														
Fresh air	Ratio	Standard	30														
		In free cooling	100														
Condensator	Air flow rate	Cooling	m³/h	11.500	12.000			19.000			33.200			44.000			
Condensator	Refrigerant	Type / GWP	R410-A / 2.087,5														
Condensator	Charge	TCO2Eq/kg	15,7 / 7,5	27,1 / 13,0			35,5 / 17,0			31,3 / 15,0			41,8 / 20,0	43,8 / 21,0	48,0 / 23,0		
Dimensions	Unit	Height x Width x Depth	mm	1.576x1.828x1.762	2.126x1.828x1.762			1.799x3.518x2.272			1.799x5.660x2.252			2.180x5.660x2.252			
Weight	Unit		kg	686	796			1.382	1.535	1.561	2.142	2.166	2.338	2.346	2.398		
Casing	Colour	RAL 7035															
Sound pressure level	Cooling		dB(A)	60			61	63			64			65			
Sound power level	Cooling		dB(A)	77	78			79	81			83			85		
Operation range	Cooling	Min. ~ Max.	°CDB	0 ~ 47													
	Heating	Min. ~ Max.	°CWB	-12,1 ~ 19,5													
Power supply	Voltage / Phase / Frequency		V / Hz	400/3+N/50 ±5%									400/3/50 ±5%				
Current	Recommended fuses		A	25	32	40	63	80			100			125			

Options

Option	UATYQ-ABAY1			UATYQ-AFC2Y1					UATYQ-AFC3Y1					
	20-55	65-75	90-115	20	25-30	45-55	65-75	90-115	20	25-30	45-55	65-75	90-115	
 Remote controller for remote installation, standard there is always one controller pre-fitted onto the rooftop unit	UATYQWRC													
Lei	3.377,-													
 BMS interface BACnet (IP), for iTM integration)	UATYQBACNET													
Lei	4.949,-													
 Anti-vibration mounts to minimize unit vibration and enhance the sound absorption	UATYQAVM1													
Lei	532,-(2 pcs)	532,-(3 pcs)	532,-(4 pcs)	532,-(2 pcs)	532,-(2 pcs)	532,-(2 pcs)	532,-(4 pcs)	532,-(4 pcs)	532,-(2 pcs)	532,-(2 pcs)	532,-(3 pcs)	532,-(4 pcs)	532,-(4 pcs)	
 Rainproof hood & protection grill				UATYQRAPI	UATYQRAPIH2	UATYQRAPIH3	UATYQRAPIH4	UATYQRAPIH5	UATYQRAPIH1	UATYQRAPIH2			UATYQRAPIH4 ⁽¹⁾	UATYQRAPIH5 ⁽¹⁾
Lei	-	-	-	2.104,-	2.807,-	3.063,-	5.116,-	6.289,-	2.104,-	2.807,-	-	5.116,-(2 pcs)	6.289,-(2 pcs)	

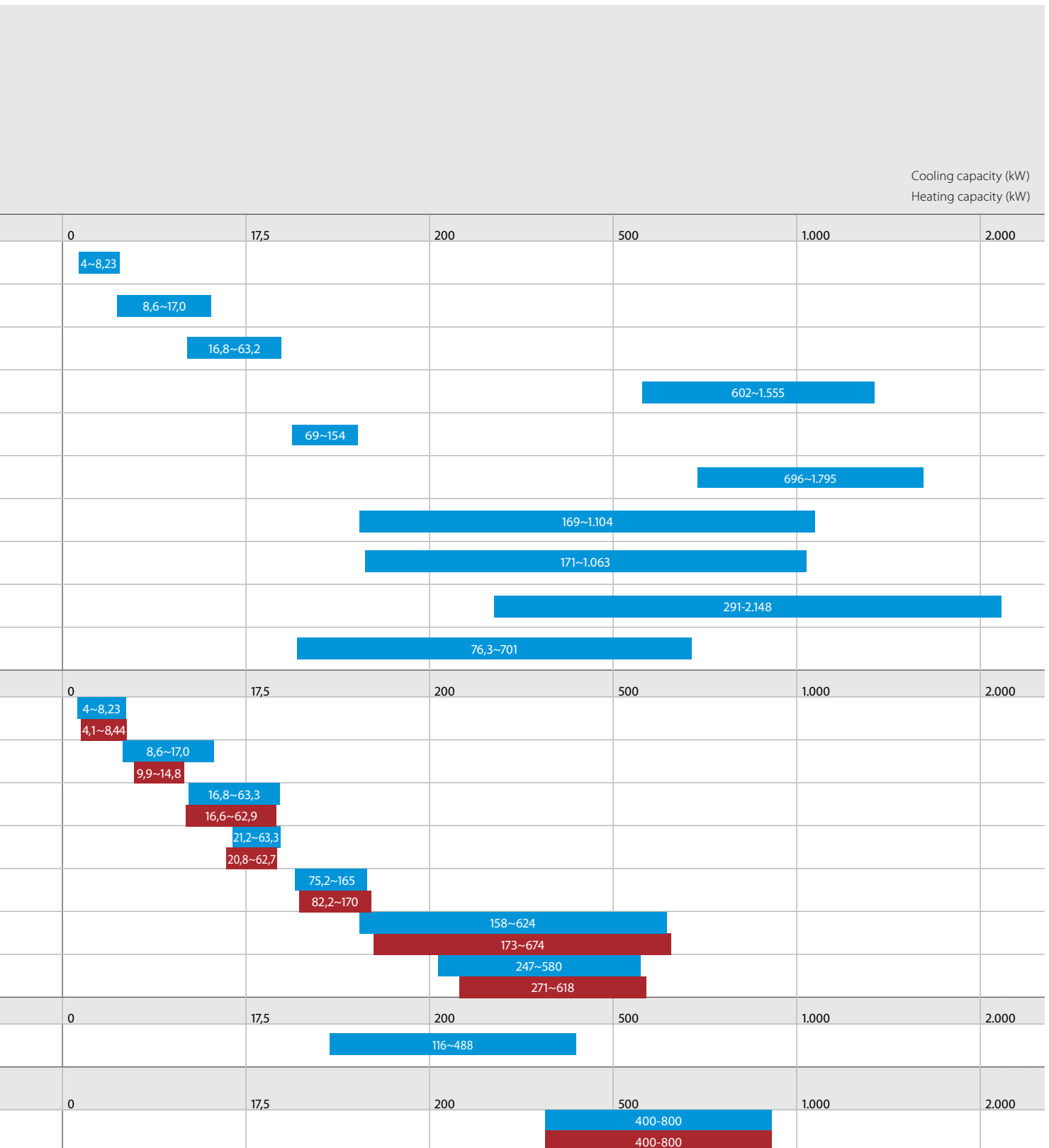
Note: (1) Requires 2 kits for both fresh air and exhaust air

Products overview





















	Refrigerant type *	Refrigerant circuits	Inverter 	Free cooling 	Compressor			Water heat exchanger		Efficiency version			Sound version			
					Swing 	Scroll 	Screw 	Plate **	Single pass shell and tube	Standard	High	Premium	Standard	Low	Reduced	
Cooling only																
EWAQ~BVP		R-410A	1	●		●			●	BPHE	●			●		
EWAQ~ACV3/ACW1		R-410A	1	●			●		●	BPHE	●			●		
EWAQ~CWN/P/H		R-410A	1-2	●			●		●	BPHE	●			●		
EWAD~CF		R-134a	2		●			●	●			●		●	●	
EWAQ-G		R-410A	1				●		●	BPHE	●	●		●		●
EWAD-CZ Models in the range 1200 kW - 1800 kW are available		R-134a	2-3	●				●	●			●		●	●	
EWAQ-TZ B NEW		R-134a	1-2	●				●	●		●	●	●	●	●	
EWAH-TZ B NEW		R-1234ze(E)	1-2	●				●	●		●	●	●	●	●	
EWAD-T-		R-134a	2					●	●		●	●	●	●	●	
EWAT-B NEW		R-32	1-2				●		●		●	●	●	●	●	
Heat pump																
EWYQ~BVP		R-410A	1	●		●			●	BPHE	●			●		
EWYQ~ACV3/ACW1		R-410A	1	●			●		●	BPHE	●			●		
EWYQ~CWN/P/H		R-410A	1-2	●			●		●	BPHE	●			●		
SEHVX-BW SERHQ-BW1		R-410A	1	●			●		●	BPHE	●			●		
EWYQ~G-		R-410A	1				●		●	BPHE		●		●		●
EWYQ~F-		R-410A	1-2				●		●			●		●	●	
EWYD~BZ		R-134a	2-3	●				●	●		●			●	●	
Condensing unit																
ERAD~E-		R-134a	1					●			●			●	●	
Multipurpose unit																
EWYD-4Z		R-134a	2	●				●	●		●			●	●	●

* (GWP) : R-410A (2.087,5), R-134a (1.430) - ** BPHE: Brazed plate heat exchanger

Air cooled chillers, condensing units and Multipurpose units



Products overview

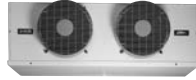
	Refrigerant Type *	Refrigerant circuits	Inverter 	Compressor			Water heat exchanger			Efficiency version			Sound version
				Scroll 	Screw 	Centrifugal 	Plate **	Single pass shell and tube	Shell and tube	Standard	High	Premium	Standard
Water cooled chillers (Cooling only & Heating only)													
EWQW-KBWIN 	R-410a	1-2		●			●			●			●
EWHQ~G- 	R-410A	1		●			●			●			●
EWQW~G- 	R-410A	1		●			●			●			●
EWQW~L- 	R-410A	2		●			●			●			●
EWWD~J- 	R-134a	1			●		●			●			●
Water cooled chillers (Cooling only)													
EWWD-VZ 	R-134a	1	●		●				● Flooded	●	●	●	●
EWWH-VZ NEW 	R-1234ze(E)	1	●		●				● Flooded	●	●	●	●
Condenserless chillers													
EWLQ-KBWIN 	R-410a	1-2		●			● BPHE			●			●
EWLQ~G- 	R-410A	1		●			●			●			●
EWLQ~L- 	R-410A	2		●			●			●			●
EWLD~J- 	R-134a	1			●		●			●			●
EWLD~I- 	R-134a	1-2-3			●			●		●			●
Water cooled centrifugal chillers													
EWWD-DZ NEW 	R-134a	1				●			●		●		●
EWWH-DZ NEW 	R-1234ze(E)	1				●			●		●		●
DWSC DWDC 	R-134a	1	optional			●		● Flooded			●		●
6,000 RT CENTRIFUGAL 	R-134a	2 per chiller				●		● Flooded			●		●

* (GWP) : R-410A (2.087,5), R-134a (1.430), R-407C (1.773,9) - ** BPHE: Brazed plate heat exchanger

AIR COOLER

1-162 kW

On request we can offer you the most suitable air cooler for your application based on a brine/water solution.



AIR HANDLING UNIT

500-140.000 m³/h

On request we can offer you the most suitable air handling unit for your application.

- › Air handling units for filtering, heating, cooling, humidifying, and air drying
- › Air handling units with heat recovery
- › Air handling units for outdoor installation
- › Air handling units in hygienic execution for hospital and clean room
- › Air handling units with indirect gas fired heating
- › Air handling units for swimming pool applications
- › Air handling units with higher air volumes manufactured on request
- › Air handling units with thermal uncoupled frame



DRY COOLER & CONDENSER

3-2.400 kW

On request we can offer you the most suitable dry cooler and condenser for your application.

For correct selection we need following info:

- › Heat rejection capacity (kW) or chiller type and working conditions
- › Liquid inlet and outlet temperature (dry cooler)
- › Liquid type (dry cooler)
- › Condensing temperature (condenser)
- › Refrigerant type and number of circuits (condenser)
- › Maximum/Minimum ambient temperature
- › Maximum sound level
- › Space restrictions



COOLING TOWER

70-9.200 kW

On request we can offer you the most suitable cooling tower for your application.

For correct selection we need following info:

- › Heat rejection capacity (kW) or chiller type and working conditions
- › Liquid inlet and outlet temperature
- › Liquid type
- › Maximum/Minimum ambient temperature
- › Maximum sound level
- › Space restrictions



COMPRESSOR

Inspection/repair/overhaul

To extend the lifetime of your compressor, Daikin offers a compressor overhaul service as preventive maintenance.

In case of broken compressor, Daikin can offer an inspection to determine whether the compressor is repairable or not. Based on the findings the broken parts will be replaced and the compressor will be restored into operational condition.



Inspection	
Inspection fee/ compressor*	on request
Repair	
Repair cost/ compressor*	After inspection, on quotation base
Overhaul	
Overhaul cost/ compressor*	on request

Remarks

The above is only valid for DAIKIN semi-hermetic compressors

* Excluding transport cost and other site related costs

MENTIONED CAPACITIES, EFFICIENCY RATIOS, SOUND POWER LEVELS, DIMENSIONS

Weights are indicative and valid under the following conditions:

Chillers			
Air cooled units	Cooling	7 °C / 12 °C water	35 °C ambient temp
	Heating	40 °C / 45 °C water	7 °C ambient temp
Condenserless units	Heat recovery	7 °C / 12 °C water	40°C / 45°C heat recovery 35 °C ambient temp
	Cooling	7 °C / 12 °C water	45 °C condensing temp / 5 K subcooling
Water cooled units	Cooling	7 °C / 12 °C evaporator water	30 °C / 35 °C condenser water
	Heating	7 °C / 12 °C evaporator water	40 °C / 45 °C condenser water
Condensing units			
Cooling:	evaporation temperature:	6 °C	outdoor temperature: 35 °C
	condensing temperature:	46 °C	on-coil temperature: 27 °CDB / 19 °CWB
Heating:	evaporator superheat:	5K	outdoor temperature: 7 °C
	condenser sub-cool:	3K	on-coil temperature: 20 °CDB
General:	7,5 m equivalent refrigerant piping		
	0 m level difference		
Fan coil units			
Cooling:	Room temperature DB/WB: 27 °C/19 °C		
	Entering/Leaving water temperature: 7 °C/12 °C		
Heating:	Room temperature: 20 °C		
	Entering water temperature: 50 °C (2-pipe, water flow rate same as for the cooling) / 70 °C (4-pipe, water temperature leaving 60°C)		



Daikin Service

Saving energy doesn't stop with the purchase or installation of energy-efficient equipment; it has to be kept running under optimum conditions.

Good maintenance and servicing are key elements in ensuring the maximum performance.

**Are you sure the filters are clean and none of the components are defective?
Are all of your settings correct?**

Any of these things may lead to a reduced level of comfort. And while you may not notice the difference right away, you will certainly notice it at the end of the year – when you pay your energy bill.

Our Daikin design team is constantly striving to improve the energy efficiency of our systems.

We at Daikin Service are here to support you in keeping your units up and running efficiently by means of optimised commissioning and start-up, regular and preventative maintenance, remote monitoring, improving the performance of units, and providing cost effective upgrades to benefit from the efficiency gains from our latest state of the art technology.

Optimisation and upgrades



European Remote Monitoring Center



Upgrading / optimisation

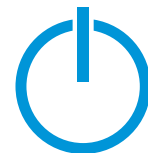
Keep the installation in top condition



Care Packages

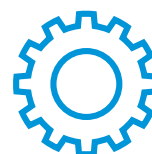


Installation support



Commissioning

Parts and repairs



Spare parts



Repair service

Commissioning

To guarantee your Daikin unit efficiency and long term performance, Daikin offers the **professional start-up of your Daikin system** by highly qualified, OEM educated engineers as part of the commissioning services.

Commissioning through an authorized Partner or by Daikin itself assures you that your unit is working as it should and is delivering all the benefits of a unique climate.

Every commissioning is documented as per Daikin standard and a detailed commissioning report is provided, detailing all activities done and recording the functioning of the units.



The prices listed are based on completion of the Pre-Commissioning checklist which covers a range of core activities including the general conditions at the site, provision of power and the required electrical distribution as well as installation related topics. This ensures that the service can be provided efficiently, on time and giving the best results. For the latest edition of the Pre-Commissioning checklist please visit: www.daikin-ce.com

Description	Nr. of circuits	Nr. of compressors	Compressor type	Material Number	COMMISSIONING PRICE [Lei]
Type					
Minichillers	1	1	swing	CE.S_COM_APS	1.315,-
Multi-Scroll chillers	1	1-2	scroll	CE.S_COM_APS_S	1.770,-
	2	2-4	scroll	CE.S_COM_APS_S	2.276,-
Screw-Chillers air- & watercooled DX-version	1	1	screw	CE.S_COM_APS_S	3.287,-
	2	2	screw	CE.S_COM_APS_M	4.045,-
	3	3	screw	CE.S_COM_APS_M	4.804,-
	4	4	screw	CE.S_COM_APS_M	5.816,-
Screw-Chillers watercooled, flooded	1	1	screw	CE.S_COM_APS_M	3.540,-
	1	2	screw	CE.S_COM_APS_L	4.551,-
Centrifugal Chillers	1	1	centrifugal	CE.S_COM_APS_C	9.607,-
	1	2	centrifugal	CE.S_COM_APS_C	11.915,-
AHU	-	-	-		based on quotation

Additional Services & Materials

On Request		On Request
Labour rates		
Labour hour service engineer	CE.S_LA_HOUR	255,-
Labour hour service engineer +50%	CE.S_LA_HOUR50	375,-
Labour hour service engineer +100%	CE.S_LA_HOUR100	500,-
Labour hour service foreman	CE.S_LA_FOR	375,-
Labour hour project design	CE.S_LA_PRO	375,-
Normal working hours without surcharge	MON – THU: 08:00-17:00, FRI: 08:00-12:00	
50% surcharge	MON – FRI: 07:00-08:00 and 17:00-20:00, SAT: 07:00-20:00	
100% surcharge	Before 07:00 and after 20:00 and on Sundays and holidays	
Travel Costs (not including parking, highway tolls etc)		
Cost allowance per km	CE.S_TR_KM_AL	On Request
Flat travel fee per case	CE.S_TR_CASE	On Request
Special travel cost (plane, ferry...)	CE.S_TR_SPEC	On Request
Travel zone 1	CE.S_TR_Z1	On Request
Travel zone 2	CE.S_TR_Z2	On Request
Travel zone 3	CE.S_TR_Z3	On Request
Travel zone 4	CE.S_TR_Z4	On Request
Hourly rate for car travel	CE.S_TR_HOUR	On Request
Cancellation		
Failed travel (customer fault)	CE.S_COM_FAILTRAV	50% of planned activity
Training		
Full day Training per person per day (minimum 5 participants)	CE.S_LA_TRA	1.552,-

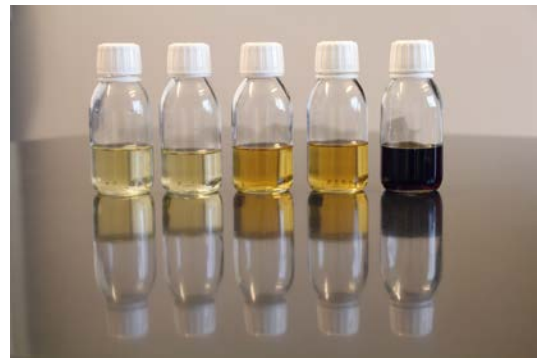
Maintenance

Maintenance is the key element to ensure the quality, efficiency and flawless operation of any asset. Our Care agreements are based on years of experience to ensure you reap the full benefits of having Daikin Certified engineers maintain your equipment. Preventive maintenance and regular service is a key component in securing your investment. Dust, temperature, humidity and load degrade the reliability and performance of a HVAC system over time. Regular maintenance of a unit or

system ensures that electricity costs and performance are not jeopardized, and that the safety features and the entire system are in line with the latest standards and regulations.

Regular care safeguards your investment for the full lifetime of the Daikin System. Downtime and failures are avoided, while keeping operating costs low, as they should be throughout the entire system lifecycle.

Preventive care plans give you cost transparency avoiding unexpected repair costs or degradation of comfort, quality or production loss.



Daikin Cares contains 3 different levels of maintenance agreements catering to your every need. In addition to these 3 Care packages Daikin offers a comprehensive set of options you can choose from.

Daikin Cares contains 3 different levels of maintenance agreements catering to your every need. In addition to these 3 Care packages Daikin offers a comprehensive set of options you can choose from.

1. Care:

Care is the minimal requirement to fulfil current legislation requirements, and makes sure your machine is operating in a correct fashion and according to parameters.

The Care package includes the following services:

- Inspections based on predefined activities
- On-site system diagnostic and/or analysis during service intervention
- Recorded, retrievable service history of each machine
- Validated Log book

2. Preventive Care:

Preventive Care keeps the machine in optimal condition and that the Warranty is valid for the long run.

In addition to the maintenance activities included in the Care package, Preventive Care includes:

- › Mechanical inspection (star gate) of screw compressor
- › Capacity regulator overhaul
- › Comprehensive oil analysis
- › Lifecycle report with status & measurement report
- › Access to Emergency support & callout
- › Technical assistance and repair service

3. Extended Care:

Extended Care provides maximum equipment availability at the minimum Total Cost of Ownership.

In addition to the activities mentioned in the Preventive care package, Extended Care includes:

- Oil analysis, refill and/or change if required
- Labor- & travel cost, spare parts for planned maintenances are included
- › Labor- & travel cost, spare parts for repairs are included
- › Remote Predictive Performance monitoring & Analysis
- › Extension of warranty

Options:

- Leak test
- Remote monitoring
- Factory inspection/refurbishment
- Specialist support and consultancy

Description	Care	Preventive Care	Extended Care
Maintenance Minichiller	CE.S_AS_C_MINI	On Request	On Request
Maintenance Multi-Scroll chiller, 1 circuit, up to 2 compressors	CE.S_AS_C_MS12	On Request	On Request
Maintenance Multi-Scroll chiller, 2 circuits, 2-4 compressors	CE.S_AS_C_MS24	On Request	On Request
Maintenance Screw-Chiller, 1 circuit, 1 compresor	CE.S_AS_C_SC11	On Request	On Request
Maintenance Screw-Chiller, 2 circuits, 2 compressors	CE.S_AS_C_SC22	On Request	On Request
Maintenance Screw-Chiller, 3 circuits, 3 compressors	CE.S_AS_C_SC33	On Request	On Request
Maintenance Screw-Chiller, 4 circuits, 4 compressors	CE.S_AS_C_SC44	On Request	On Request
Maintenance Centrifugal Chiller, 1 circuit, 1 compresor	CE.S_AS_C_CC11	On Request	On Request
Maintenance Centrifugal Chiller, 1 circuit, 2 compressors	CE.S_AS_C_CC12	On Request	On Request

Options

Description	
Factory inspection/refurbishment	On Request
Specialist support and consultancy	On Request
Major Overhaul	On Request

Description	DoS1	DoS2	DoS3
Daikin on Site (DoS) -Applied Systems (AS)	On Request	On Request	On Request
Daikin on Site (DoS) - Air Handling Units (AHU)	On Request	On Request	On Request

Service

E-Parts

Find the correct spare part for your Daikin unit, check availability (real-time) and order online.

All in just a few simple steps.

Your benefits:

- › fast handling
- › free shipment
- › 24/7 accessibility
- › flexible delivery
- › "real time" availability

Register now to use the E-Parts service

Create access for you and your colleagues.

- Simply go to my.daikin.eu
- download the registration form
- fill it in
- and email it back to your local Daikin office

Always accessible for you

You can find the links to E-Parts and to the spareparts bank on our Business Portal:

<http://eparts.daikin-ce.com>
<https://my.daikin.eu>



Service Academy

The Daikin Service Academy offers individual learning paths covering all service cases for Daikin products. Our goal is to help you delivering better Service on site and therefore grow your business.

Goals & Objectives

With the Daikin Service Academy we want to offer a uniform European learning program for service technicians (internal & external) to become the best of the best.

- › Ensure that our partners have skilled labour available
- › Enable and deliver high quality Service to our end users
- › Enhance performance and efficiency, using less time for service interventions
- › Improve quality and hence customer satisfaction on site
- › Foster career paths to keep service technicians in the HVAC-R industry
- › Offer trainings in local language wherever possible

Our training packages cover following areas:

- › Installation & Pre-Commissioning
- › Commissioning
- › Maintenance
- › Troubleshooting & Repair
- › Application & Design

Applied Systems Price List 2019-2020



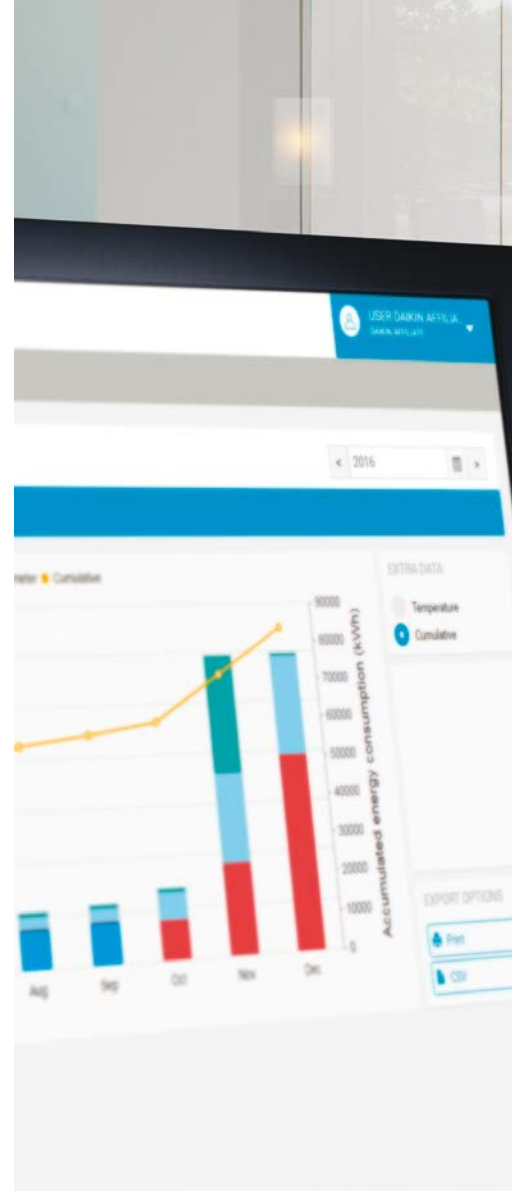
Want to know more?

Please contact us for more information about the Daikin Academy Central Europe: academy@daikin-ce.com

Remote Monitoring Services

The latest technology matched with superb service to improve the efficiency and reliability of your HVAC-R installation.

Connected air conditioning works smarter. We offer several ways to manage your products and installations remotely. From performance monitoring to predictive logic and analyses and more, our Intelligent Network is a cost-efficient way to increase the security, uptime and reliability of your installation.



Analytics

Data is our raw material, and data analytics is our product. The continuous monitoring and analysis of a system's operating data is not only the key to ensuring efficient operation, cutting operating and maintenance costs and optimizing user comfort. Data analysis also provides further valuable and often surprising insights.

Hassle-free connection

We know that connecting a system to the cloud can often be a real challenge – but that's no longer your problem. We'll take care of the connection, including the mobile network and the router, both of which are remotely monitored to maximize infrastructure reliability.

Daikin Cloud Service

Our web-based service provides reliable and secure remote monitoring. Our top priority is to earn your trust. Daikin Cloud Service meets the highest security standards in all respects – safeguarding your data privacy as well as transporting and storing your data securely at all times.

The benefits of remote monitoring

Remote control

Daikin Cloud Service is a web-based remote monitoring and control solution for HVAC systems that can even manage the energy consumption of several buildings at once. There's no need to install any special software. Everything is accessible using a standard browser, whether via a computer or a mobile device.

No potential problem goes unnoticed

What's more, Daikin Cloud Service provides automatic notification if it detects a possible malfunction. This unique predictive notification feature enables service measures to be initiated even before the user notices that a problem has arisen – thus maximizing reliability and minimizing service costs.

Maximum performance

The performance of even the best system can be impaired if it is not properly operated. Continuous monitoring allows load profiles, usage patterns and operating conditions to be closely followed. The data obtained is the basis for optimizing a system's operation and maintenance as well as its return on investment.



Real case

Real life examples, how continuous monitoring and data analysis could be useful:



-20%

Lower VRV consumption

Thanks to analysis of the VRV systems energy consumption data, we could provide the recommendation, how to change the usage pattern. The result was 20% reduction of electricity costs for cooling and about 15% in heating.



30%

Higher outlet temperature

Thanks to operation data analysis, we identified the possible comfort issues. Following operation assessment provided the base for taking the countermeasures to increase their comfort.



40%

Spare refrigeration capacity

Long term monitoring of the Conveni pack, identified that the client has a 40% spare refrigeration capacity. This allowed to reduce the number of installed devices and thus save the investment costs.



-20%

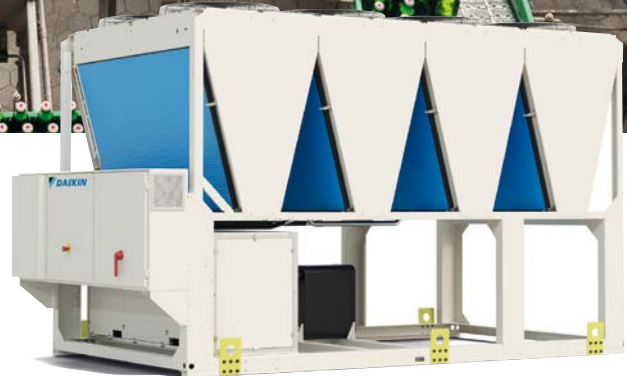
Lower investment costs

Operation data analysis of the old VRV system confirmed, that the replacement capacity and system layout could be optimized. This allowed to decrease investment costs of the replacement system and to resolve comfort issues.



Future-proof choice in chillers

BLUEvolution **R-32**



EWAT-B - First air cooled chiller series with R-32 and free-cooling options

DAIKIN AIRCONDITIONING CENTRAL EUROPE – ROMANIA SRL

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We reserve the right for printing errors and model changes





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