

The background of the page is a photograph of industrial equipment. It shows two large, grey, rectangular units with "DAIKIN" branding, mounted on a metal platform with railings. The units are set against a light-colored, vertically-ribbed wall. A blue semi-transparent box is overlaid on the right side of the image, containing the title text.

Pricelist 2018-2019
Applied
Systems

Prices and technical information for Applied Systems

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NOTE:

All prices are list prices, excl. VAT and valid from 1 April 2018 till 31. March 2019. All prior pricelists are not valid anymore. The Daikin Commercial Terms and Conditions apply (see last page or <http://www.daikin-ce.com/legal-notice.jsp>). 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.eu/en_us/about/daikin-innovations/seasonal-efficiency.html

Key Information

Ecodesign Directive and Energy Labels

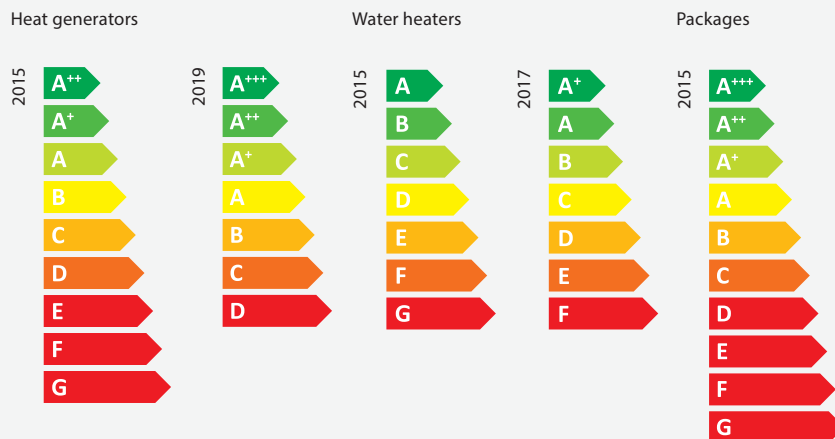
The Ecodesign Directive defines the minimum standards for the environmental characteristics of heaters, water heaters and combi appliances. From 26 September 2015, heat generators of up to 70 kW output and tanks of up to 500 litres must be marked with a label showing their energy efficiency. This applies 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>



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⁾	CZK	78.846,-	85.931,-	92.102,-	101.733,-	115.732,-	122.557,-	131.687,-
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	CZK	10.101,-	10.101,-	9.991,-	9.991,-	17.022,-	17.022,-	17.022,-
EKRP1HBA	digital I/O PCB Additional board with operating or fault message output, fan operating message, release contact for additional heating	CZK	n/a	n/a	n/a	n/a	4.278,-	4.278,-	4.278,-

Unit size (3 phase)	EWAQ	009ACW1P	011ACW1P	013ACW1P
Price	CZK	120.759,-	132.782,-	140.647,-
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	CZK	17.022,-	17.022,-	17.022,-
EKRP1HBA	digital I/O PCB Additional board with operating or fault message output, fan operating message, release contact for additional heating	CZK	4.278,-	4.278,-	4.278,-

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



NEW

Unit size (1 phase)		EWYQ	004BVP	005BVP	006BVP	008BVP	009ACV3P	010ACV3P	011ACV3P	
Price ⁽¹⁾		CZK	87.674,-	95.479,-	102.370,-	113.080,-	133.232,-	140.254,-	148.709,-	
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	ηs (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	CZK	10.101,-	10.101,-	9.991,-	10.101,-	17.022,-	17.022,-	17.022,-
EKRP1HBA	digital I/O PCB Additional board with operating or fault message output, fan operating message, release contact for additional heating	CZK	n/a	n/a	n/a	n/a	4.278,-	4.278,-	4.278,-

Unit size (3 phase)		EWYQ	009ACW1P	011ACW1P	013ACW1P
Price		CZK	138.428,-	150.282,-	158.793,-
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	ηs (Seasonal space heating efficiency)	%	126	134
	water outlet 35°C	SCOP		3,22	3,41
		Seasonal space heating eff. class		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	CZK	17.022,-	17.022,-	17.022,-
EKRP1HBA	digital I/O PCB Additional board with operating or fault message output, fan operating message, release contact for additional heating	CZK	4.278,-	4.278,-	4.278,-

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



NEW

Unit size (without pump)	EWAQ-CWN	016	021	025	032	040	050	064
Price	CZK	218.951,-	257.743,-	290.691,-	335.327,-	443.497,-	494.101,-	570.566,-
Unit size (with standard pump)	EWAQ-CWP	016	021	025	032	040	050	064
Price	CZK	242.570,-	282.036,-	315.486,-	367.465,-	477.440,-	528.818,-	606.546,-
Unit size (with high lift pump)	EWAQ-CWH	016	021	025	032	040	050	064
Price	CZK	251.955,-	291.421,-	324.871,-	380.219,-	490.675,-	542.174,-	619.902,-
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	CZK	17.782,-	17.790,-	17.775,-	17.806,-	22.370,-	22.366,-	22.368,-
OPZL	Low leaving water operation down to -10 °C	CZK	13.316,-	13.324,-	13.309,-	13.273,-	17.770,-	17.766,-	17.768,-

Kit									
EKRP1AHT	 Additional board for external control, on/off device, heating /cooling switch	CZK	4.305,-	4.305,-	4.305,-	4.305,-	4.305,- ^(2 pcs)	4.305,- ^(2 pcs)	4.305,- ^(2 pcs)
EKRUAHT	 Additional control unit	CZK	6.403,-	6.403,-	6.403,-	6.403,-	6.403,-	6.403,-	6.403,-
BHGP26A1	 Digital pressure display	CZK	14.872,-	14.872,-	14.872,-	14.872,-	14.872,- ^(2 pcs)	14.872,- ^(2 pcs)	14.872,- ^(2 pcs)
DTA104A62	 Additional board for demand and noise reduction	CZK	12.393,-	12.393,-	12.393,-	12.393,-	12.393,- ^(2 pcs)	12.393,- ^(2 pcs)	12.393,- ^(2 pcs)
RTD-W	 Modbus interface	CZK	10.465,-	10.465,-	10.465,-	10.465,-	10.465,-	10.465,-	10.465,-

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

Air cooled scroll inverter heat pump

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

NEW

Unit size (without pump)		EWYQ-CWN	016	021	025	032	040	050	064	
Price		CZK	251.775,-	296.411,-	334.332,-	385.558,-	509.891,-	568.079,-	656.107,-	
Unit size (with standard pump)		EWYQ-CWP	016	021	025	032	040	050	064	
Price		CZK	275.900,-	321.261,-	359.765,-	418.482,-	544.941,-	604.019,-	693.419,-	
Unit size (with high lift pump)		EWYQ-CWH	016	021	025	032	040	050	064	
Price		CZK	285.285,-	330.646,-	369.150,-	421.249,-	558.176,-	617.255,-	706.775,-	
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 η _s (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	CZK	17.758,-	17.789,-	17.801,-	17.776,-	22.376,-	22.388,-	22.360,-
OPZL	Low leaving water operation down to -10 °C	CZK	13.292,-	13.323,-	13.334,-	13.309,-	17.776,-	17.788,-	17.760,-

Kit									
	Additional board for external control, on/off device, heating /cooling switch	CZK	4.305,-	4.305,-	4.305,-	4.305,-	4.305,- ^(2 pcs)	4.305,- ^(2 pcs)	4.305,- ^(2 pcs)
	Additional control unit	CZK	6.403,-	6.403,-	6.403,-	6.403,-	6.403,-	6.403,-	6.403,-
	Digital pressure display	CZK	14.872,-	14.872,-	14.872,-	14.872,-	14.872,- ^(2 pcs)	14.872,- ^(2 pcs)	14.872,- ^(2 pcs)
	Additional board for demand and noise reduction	CZK	12.393,-	12.393,-	12.393,-	12.393,-	12.393,- ^(2 pcs)	12.393,- ^(2 pcs)	12.393,- ^(2 pcs)
	Modbus interface	CZK	10.465,-	10.465,-	10.465,-	10.465,-	10.465,-	10.465,-	10.465,-

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

NEW

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	CZK	131.240,-	146.694,-	153.806,-	156.587,-	
Outdoor unit Price per each	CZK	196.421,-	276.617,-	196.421,-	276.617,-	
Unit Price per each (indoor + outdoor(s))	CZK	327.661,-	423.311,-	546.648,-	709.821,-	
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) SCOP	%	154	138	149	138
			Seasonal space heating eff. class	A++	A+	A+
Sound power level (outdoor unit / each)	dB(A)	78	80	81	83	

Standard Options		SEHVX20BW	SEHVX32BW	SEHVX40BW	SEHVX64BW
Standard Hydraulic package	CZK	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	CZK	4.305,-	4.305,-	4.305,- ^(2 pcs)	4.305,- ^(2 pcs)
 DTA104A62 Additional board for demand and noise reduction	CZK	12.393,-	12.393,-	12.393,- ^(2 pcs)	12.393,- ^(2 pcs)
 RTD-W Modbus interface	CZK	10.465,-	10.465,-	10.465,-	10.465,-
 EKCC-W Additional module for cascade control of up to 16 EWAQ ** devices including power supply	CZK	29.546,-	29.546,-	29.546,-	29.546,-

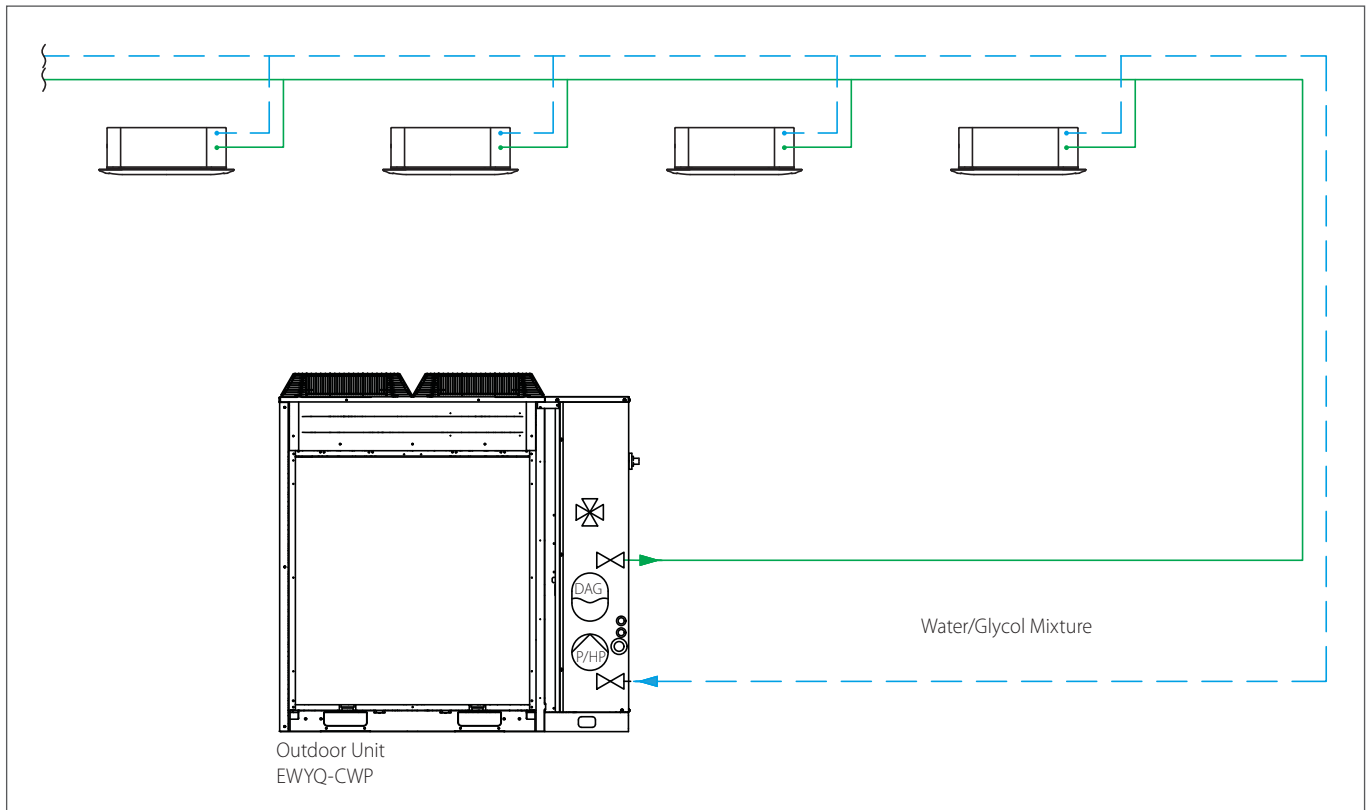
Notes:

(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

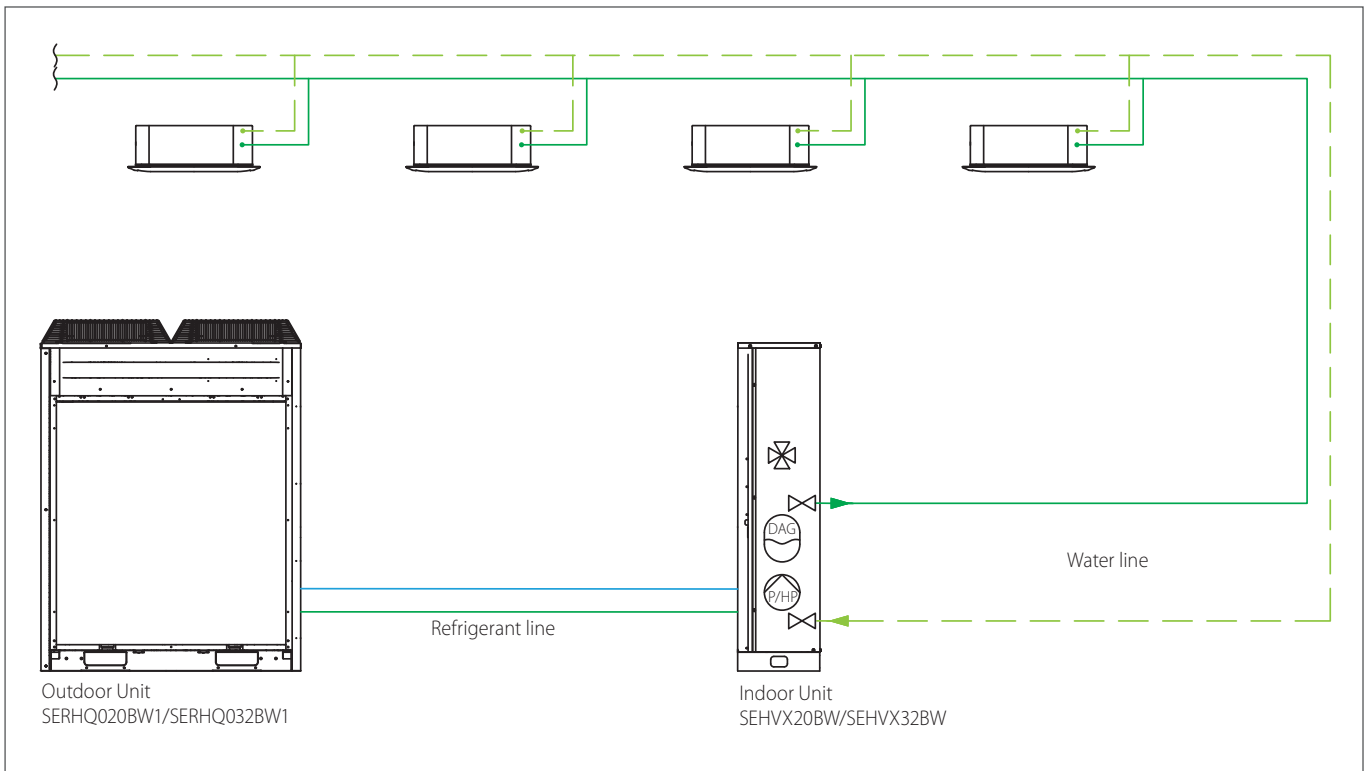
SEHVX-BW

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

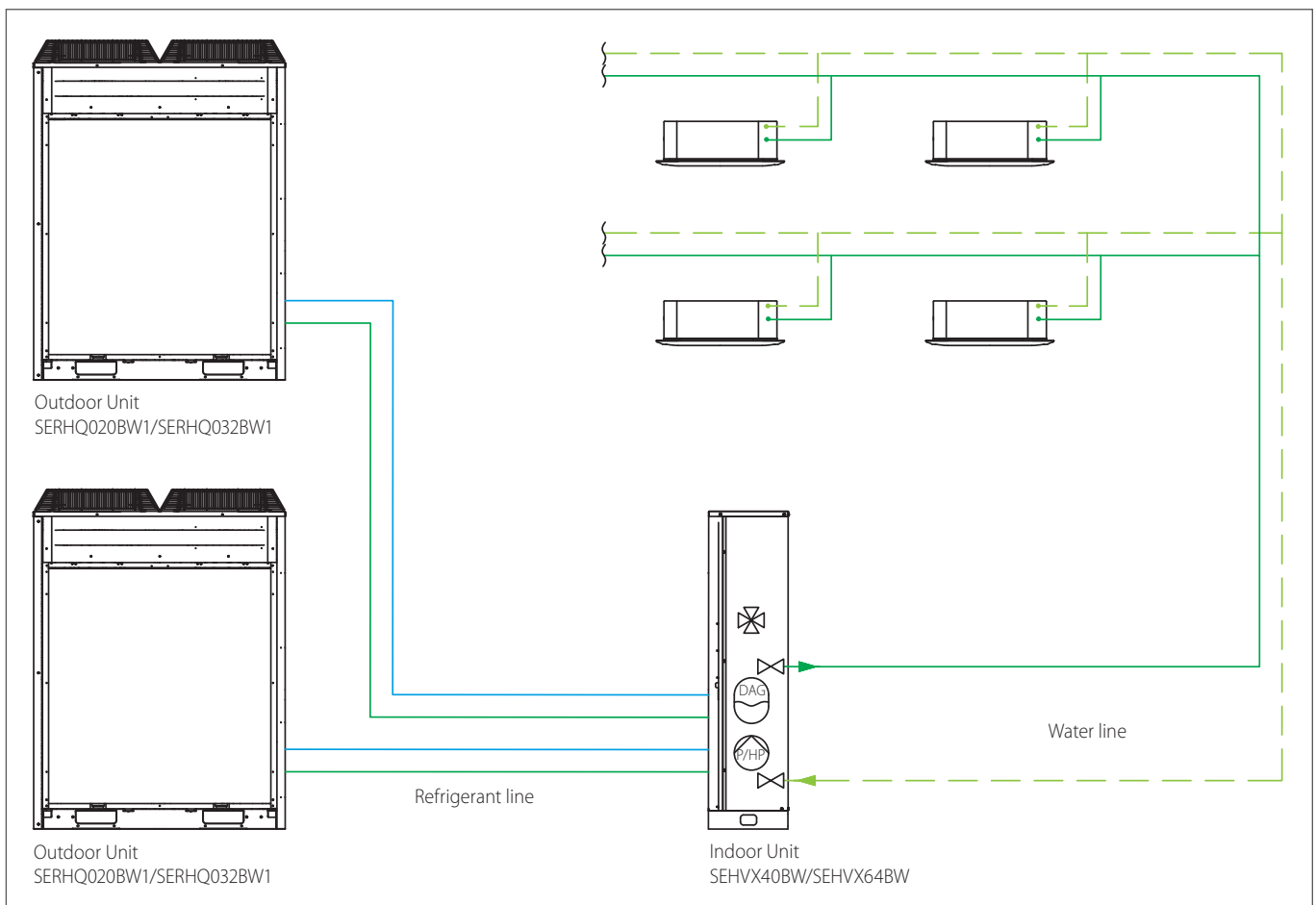
Picture 2 – outdoor unit **SERHQ020/032BW1** (size 20 or 32) with the hydronic connection to the related indoor unit SEHVX20/32BW.

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

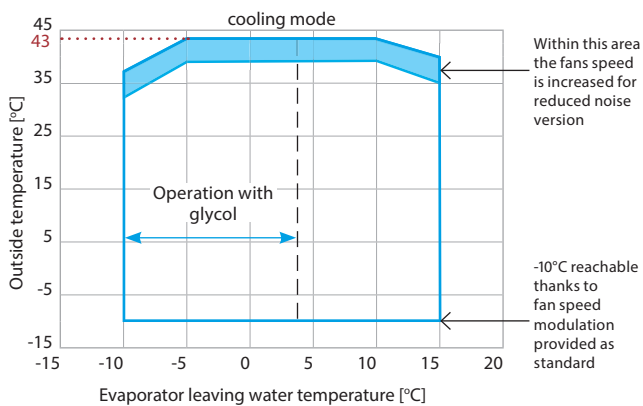


Standard equipment:

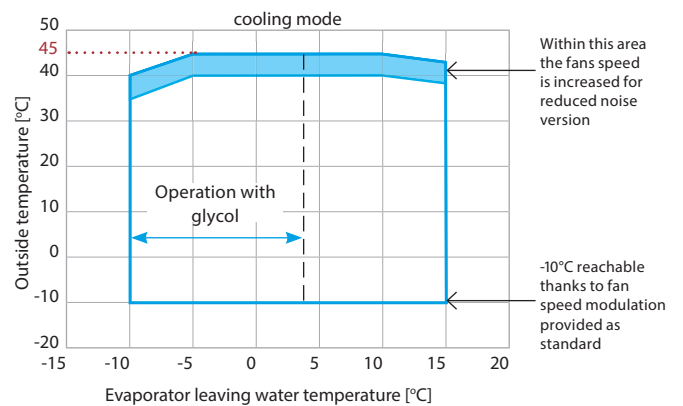
- > Main switch
- > Master/Slave Control
- > Direct start
- > Ventilator speed control (phase modulation)
- > Double setpoint value
- > Evaporator electric heater
- > Electronic expansion valve
- > Operating hours counter
- > Accumulative fault message

Operating limits, cooling only models:

EWAQ G SS/SR – cooling only, standard efficiency

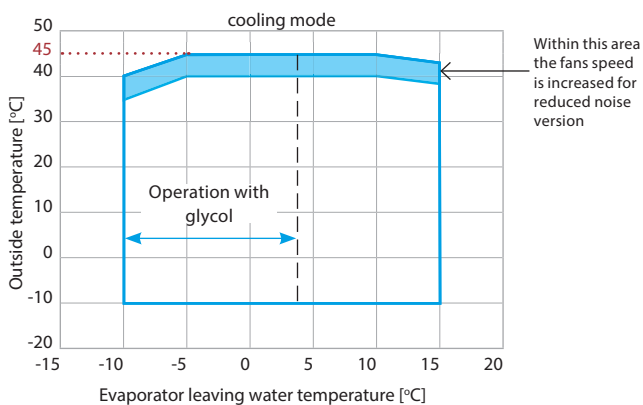


EWAQ G XS/XR – cooling only, high efficiency

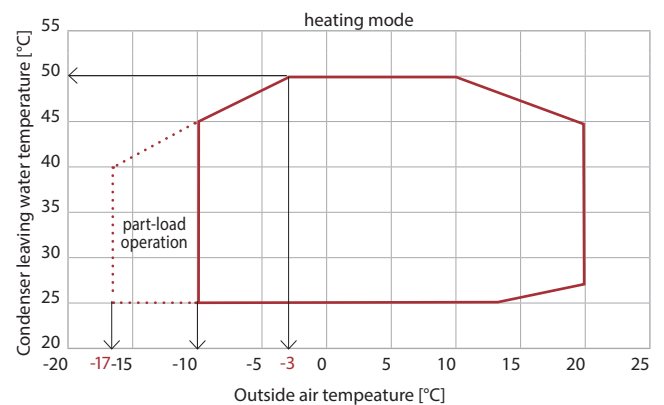


Operating limits, heat pump models:

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
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	2140	2680	2680	2680	3200	3200	3200
Width	mm	1195	1195	1195	1195	1195	1195	1195
Height	mm	1800	1800	1800	1800	1800	1800	1800
Weight of unit / Operating weight	kg	681/692	792/802	953/963	923/934	982/993	1037/1054	1066/1085
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
Price	CZK	475.321,-	513.818,-	562.831,-	583.053,-	612.844,-	688.392,-	734.678,-
Commissioning by DAIKIN service (net price)	CZK	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-

Optional accessories for chiller:

Code	Type of unit	EWAQ -G-SS	075	085	100	110	120	140	155
Mechanical									
20	Evaporator victaulic kit	CZK					Standard		
29	20mm evaporator insulation	CZK							
01a	Total heat recovery (including expansion card pol965)	CZK	81.000,-	81.000,-	81.390,-	88.594,-	88.594,-	88.594,-	93.295,-
03	Partial heat recovery	CZK	29.290,-	29.290,-	29.290,-	29.874,-	29.874,-	34.965,-	34.965,-
08	Brine version	CZK	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-
126	Discharge and suction line shut-off valve	CZK	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-
127	High and low pressure side manometers	CZK	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-
138	Condenser coil guard	CZK	11.265,-	12.434,-	12.434,-	12.434,-	13.519,-	13.519,-	13.519,-
78	One centrifugal pump (low lift)	CZK	57.106,-	60.861,-	60.861,-	60.861,-	63.559,-	67.621,-	67.621,-
79	One centrifugal pump (high lift)	CZK	68.956,-	74.380,-	74.380,-	74.380,-	77.078,-	77.078,-	77.078,-
80	Two centrifugal pump (low lift)	CZK	93.101,-	100.638,-	100.638,-	100.638,-	100.638,-	103.670,-	103.670,-
81	Two centrifugal pump (high lift)	CZK	109.401,-	118.079,-	118.079,-	118.079,-	120.332,-	120.332,-	120.332,-
134	One centrifugal pump (low lift) + tank	CZK	89.373,-	95.799,-	95.799,-	95.799,-	107.092,-	111.320,-	111.320,-
135	One centrifugal pump (high lift) + tank	CZK	101.223,-	109.345,-	109.345,-	109.345,-	120.805,-	120.805,-	120.805,-
136	Two centrifugal pump (low lift) + tank	CZK	142.697,-	149.178,-	149.178,-	149.178,-	150.985,-	153.239,-	153.239,-
137	Two centrifugal pump (high lift) + tank	CZK	154.407,-	163.030,-	163.030,-	163.030,-	165.284,-	165.284,-	165.284,-
91	Double pressure relief valve with diverter	CZK	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-
139	E-coating microchannel coils	CZK	21.196,-	31.238,-	31.238,-	31.238,-	40.834,-	40.834,-	40.834,-
115	Water filter	CZK	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-
Electrical / Control									
04	Direct on line starter (dol)	CZK							
10	Double setpoint	CZK							
57	Evaporator electric heater	CZK							
60	Electronic expansion valve	CZK							
67	Ambient outside temperature sensor and setpoint reset	CZK					Standard		
68	Hour run meter	CZK							
69	General fault contactor	CZK							
97	Main switch interlock door	CZK							
128	Master/Slave	CZK							
06	Soft starter	CZK	44.756,-	44.756,-	44.756,-	44.756,-	46.286,-	50.042,-	53.769,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-
17	Capacitors for power factor correction	CZK	17.246,-	17.246,-	17.246,-	17.246,-	17.246,-	19.193,-	22.531,-
58	Evaporator flow switch	CZK	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-
95	Compressors circuit breakers	CZK	7.927,-	8.234,-	8.568,-	8.568,-	8.568,-	9.736,-	10.821,-
96	Fans circuit breakers	CZK	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-
Installation									
75	Rubber anti vibration mounts	CZK	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-
77	Spring anti vibration mounts	CZK	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-
83	External tank without cabinet (500 l)	CZK	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-
84	External tank without cabinet (1000 l)	CZK	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-
87	External tank with cabinet (500 l)	CZK	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-
88	External tank with cabinet (1000 l)	CZK	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCMBAQMS1P	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCMMLON	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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
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	2140	2680	2680	2680	3200	3200	3200
Width	mm	1195	1195	1195	1195	1195	1195	1195
Height	mm	1800	1800	1800	1800	1800	1800	1800
Weight of unit / Operating weight	kg	711/722	822/832	983/993	953/963	1012/1023	1067/1084	1096/1115
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
Price	CZK	508.672,-	549.896,-	602.301,-	623.943,-	655.792,-	736.598,-	786.194,-
Commissioning by DAIKIN service (net price)	CZK	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-

Optional accessories for chiller:

Code	Type of unit	EWAQ-G-SR	075	085	100	110	120	140	155
Mechanical									
20	Evaporator victaulic kit	CZK							
29	20Mm evaporator insulation	CZK							
01A	Total heat recovery (including expansion card pol965)	CZK	81.000,-	81.000,-	81.390,-	88.594,-	88.594,-	88.594,-	93.295,-
03	Partial heat recovery	CZK	29.290,-	29.290,-	29.290,-	29.874,-	29.874,-	34.965,-	34.965,-
08	Brine version	CZK	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-
126	Discharge and suction line shut-off valve	CZK	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-
127	High and low pressure side manometers	CZK	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-
138	Condenser coil guard	CZK	11.265,-	12.434,-	12.434,-	12.434,-	13.519,-	13.519,-	13.519,-
78	One centrifugal pump (low lift)	CZK	57.106,-	60.861,-	60.861,-	60.861,-	63.559,-	67.621,-	67.621,-
79	One centrifugal pump (high lift)	CZK	68.956,-	74.380,-	74.380,-	74.380,-	77.078,-	77.078,-	77.078,-
80	Two centrifugal pump (low lift)	CZK	93.101,-	100.638,-	100.638,-	100.638,-	100.638,-	103.670,-	103.670,-
81	Two centrifugal pump (high lift)	CZK	109.401,-	118.079,-	118.079,-	118.079,-	120.332,-	120.332,-	120.332,-
134	One centrifugal pump (low lift) + tank	CZK	89.373,-	95.799,-	95.799,-	95.799,-	107.092,-	111.320,-	111.320,-
135	One centrifugal pump (high lift) + tank	CZK	101.223,-	109.345,-	109.345,-	109.345,-	120.805,-	120.805,-	120.805,-
136	Two centrifugal pump (low lift) + tank	CZK	142.697,-	149.178,-	149.178,-	149.178,-	150.985,-	153.239,-	153.239,-
137	Two centrifugal pump (high lift) + tank	CZK	154.407,-	163.030,-	163.030,-	163.030,-	165.284,-	165.284,-	165.284,-
91	Double pressure relief valve with diverter	CZK	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-
139	E-coating microchannel coils	CZK	21.196,-	31.238,-	31.238,-	31.238,-	40.834,-	40.834,-	40.834,-
115	Water filter	CZK	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-
Electrical / control									
04	Direct on line starter (dol)	CZK							
10	Double setpoint	CZK							
57	Evaporator electric heater	CZK							
60	Electronic expansion valve	CZK							
67	Ambient outside temperature sensor and setpoint reset	CZK							
68	Hour run meter	CZK							
69	General fault contactor	CZK							
97	Main switch interlock door	CZK							
128	Master/Slave	CZK							
06	Soft starter	CZK	44.756,-	44.756,-	44.756,-	44.756,-	46.286,-	50.042,-	53.769,-
15A	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-
17	Capacitors for power factor correction	CZK	17.246,-	17.246,-	17.246,-	17.246,-	17.246,-	19.193,-	22.531,-
58	Evaporator flow switch	CZK	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-
95	Compressors circuit breakers	CZK	7.927,-	8.234,-	8.568,-	8.568,-	8.568,-	9.736,-	10.821,-
96	Fans circuit breakers	CZK	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-
Installation									
75	Rubber anti vibration mounts	CZK	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-
77	Spring anti vibration mounts	CZK	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-
83	External tank without cabinet (500 l)	CZK	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-
84	External tank without cabinet (1000 l)	CZK	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-
87	External tank with cabinet (500 l)	CZK	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-
88	External tank with cabinet (1000 l)	CZK	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCMML0N	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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
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	2680	3200	3200	3200	3800	3800
Width	mm	1195	1195	1195	1195	1195	1195
Height	mm	1800	1800	1800	1800	1820	1820
Weight of unit / Operating weight	kg	734/744	850/860	1020/1035	991/1007	1086/1102	1123/1144
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
Price	CZK	589.673,-	633.511,-	688.253,-	725.026,-	784.719,-	841.631,-
Commissioning by DAIKIN service (net price)	CZK	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-

Optional accessories for chiller:

Code	Type of unit	EWAQ-G-XS	080	090	105	115	130	150
Mechanical								
20	Evaporator victaulic kit	CZK	Standard					
29	20Mm evaporator insulation	CZK	Standard					
01a	Total heat recovery (including expansion card pol965)	CZK	81.000,-	81.000,-	81.390,-	88.594,-	88.594,-	88.594,-
03	Partial heat recovery	CZK	29.290,-	29.290,-	29.290,-	29.874,-	29.874,-	34.965,-
08	Brine version	CZK	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-
126	Discharge and suction line shut-off valve	CZK	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-
127	High and low pressure side manometers	CZK	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-
138	Condenser coil guard	CZK	12.434,-	13.519,-	13.519,-	13.519,-	16.940,-	16.940,-
78	One centrifugal pump (low lift)	CZK	60.861,-	63.559,-	63.559,-	63.559,-	70.319,-	70.319,-
79	One centrifugal pump (high lift)	CZK	74.380,-	77.078,-	77.078,-	77.078,-	82.029,-	82.029,-
80	Two centrifugal pump (low lift)	CZK	100.638,-	100.638,-	100.638,-	100.638,-	107.732,-	107.732,-
81	Two centrifugal pump (high lift)	CZK	118.079,-	120.332,-	120.332,-	120.332,-	123.754,-	123.754,-
134	One centrifugal pump (low lift) + tank	CZK	95.799,-	107.092,-	107.092,-	107.092,-	113.852,-	113.852,-
135	One centrifugal pump (high lift) + tank	CZK	109.345,-	120.805,-	120.805,-	120.805,-	125.756,-	125.756,-
136	Two centrifugal pump (low lift) + tank	CZK	149.178,-	150.985,-	150.985,-	150.985,-	156.215,-	156.215,-
137	Two centrifugal pump (high lift) + tank	CZK	163.030,-	165.284,-	165.284,-	165.284,-	167.926,-	170.179,-
91	Double pressure relief valve with diverter	CZK	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-
139	E-coating microchannel coils	CZK	31.238,-	40.834,-	40.834,-	40.834,-	51.822,-	51.822,-
115	Water filter	CZK	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-
Electrical / Control								
04	Direct on line starter (dol)	CZK	Standard					
10	Double setpoint	CZK	Standard					
57	Evaporator electric heater	CZK	Standard					
60	Electronic expansion valve	CZK	Standard					
67	Ambient outside temperature sensor and setpoint reset	CZK	Standard					
68	Hour run meter	CZK	Standard					
69	General fault contactor	CZK	Standard					
97	Main switch interlock door	CZK	Standard					
128	Master/Slave	CZK	Standard					
06	Soft starter	CZK	44.756,-	44.756,-	44.756,-	44.756,-	46.286,-	50.042,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-
17	Capacitors for power factor correction	CZK	17.246,-	17.246,-	17.246,-	17.246,-	17.246,-	19.193,-
58	Evaporator flow switch	CZK	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-
95	Compressors circuit breakers	CZK	7.927,-	8.234,-	8.568,-	8.568,-	8.568,-	9.736,-
96	Fans circuit breakers	CZK	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-
Installation								
75	Rubber anti vibration mounts	CZK	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-
77	Spring anti vibration mounts	CZK	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-
83	External tank without cabinet (500 l)	CZK	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-
84	External tank without cabinet (1000 l)	CZK	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-
87	External tank with cabinet (500 l)	CZK	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-
88	External tank with cabinet (1000 l)	CZK	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCMML0N	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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
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	2860	3200	3200	3200	3800	3800
Width	mm	1195	1195	1195	1195	1195	1195
Height	mm	1800	1800	1800	1800	1820	1820
Weight of unit / Operating weight	kg	764/774	880/890	1050/1065	1021/1037	1116/1132	1153/1174
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
Price	CZK	623.024,-	669.588,-	727.725,-	765.916,-	827.668,-	889.864,-
Commissioning by DAIKIN service (net price)	CZK	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-

Optional accessories for chiller:

Code	Type of unit	EWAQ-G-XR	080	090	105	115	130	150
Mechanical								
20	Evaporator victaulic kit	CZK	Standard					
29	20mm evaporator insulation	CZK	Standard					
01a	Total heat recovery (including expansion card pol965)	CZK	81.000,-	81.000,-	81.390,-	88.594,-	88.594,-	88.594,-
03	Partial heat recovery	CZK	29.290,-	29.290,-	29.290,-	29.874,-	29.874,-	34.965,-
08	Brine version	CZK	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-	12.434,-
126	Discharge and suction line shut-off valve	CZK	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-
127	High and low pressure side manometers	CZK	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-	6.759,-
138	Condenser coil guard	CZK	12.434,-	13.519,-	13.519,-	13.519,-	16.940,-	16.940,-
78	One centrifugal pump (low lift)	CZK	60.861,-	63.559,-	63.559,-	63.559,-	70.319,-	70.319,-
79	One centrifugal pump (high lift)	CZK	74.380,-	77.078,-	77.078,-	77.078,-	82.029,-	82.029,-
80	Two centrifugal pump (low lift)	CZK	100.638,-	100.638,-	100.638,-	100.638,-	107.732,-	107.732,-
81	Two centrifugal pump (high lift)	CZK	118.079,-	120.332,-	120.332,-	120.332,-	123.754,-	123.754,-
134	One centrifugal pump (low lift) + tank	CZK	95.799,-	107.092,-	107.092,-	107.092,-	113.852,-	113.852,-
135	One centrifugal pump (high lift) + tank	CZK	109.345,-	120.805,-	120.805,-	120.805,-	125.756,-	125.756,-
136	Two centrifugal pump (low lift) + tank	CZK	149.178,-	150.985,-	150.985,-	150.985,-	156.215,-	156.215,-
137	Two centrifugal pump (high lift) + tank	CZK	163.030,-	165.284,-	165.284,-	165.284,-	167.926,-	170.179,-
91	Double pressure relief valve with diverter	CZK	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-	24.784,-
139	E-coating microchannel coils	CZK	31.238,-	40.834,-	40.834,-	40.834,-	51.822,-	51.822,-
115	Water filter	CZK	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-	13.018,-
Electrical / Control								
04	Direct on line starter (dol)	CZK	Standard					
10	Double setpoint	CZK	Standard					
57	Evaporator electric heater	CZK	Standard					
60	Electronic expansion valve	CZK	Standard					
67	Ambient outside temperature sensor and setpoint reset	CZK	Standard					
68	Hour run meter	CZK	Standard					
69	General fault contactor	CZK	Standard					
97	Main switch interlock door	CZK	Standard					
128	Master/Slave	CZK	Standard					
06	Soft starter	CZK	44.756,-	44.756,-	44.756,-	44.756,-	46.286,-	50.042,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-	10.180,-
17	Capacitors for power factor correction	CZK	17.246,-	17.246,-	17.246,-	17.246,-	17.246,-	19.193,-
58	Evaporator flow switch	CZK	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-	5.869,-
95	Compressors circuit breakers	CZK	7.927,-	8.234,-	8.568,-	8.568,-	8.568,-	9.736,-
96	Fans circuit breakers	CZK	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-	4.507,-
Installation								
75	Rubber anti vibration mounts	CZK	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-	10.236,-
77	Spring anti vibration mounts	CZK	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-	32.128,-
83	External tank without cabinet (500 l)	CZK	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-	79.192,-
84	External tank without cabinet (1000 l)	CZK	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-	105.728,-
87	External tank with cabinet (500 l)	CZK	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-	116.549,-
88	External tank with cabinet (1000 l)	CZK	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-	149.317,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCM8ACMSTP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCM1LON	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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
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	2826 x 1195 x 1800			3426 x 1195 x 1800		4026 x 1195 x 1800	
Weight of unit / Operating weight	kg	850/858	912/921	1077/1088	1183/1194	1213/1224	1333/1344	1394/1411
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)	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
Price	CZK	590.483,-	648.489,-	719.950,-	785.287,-	828.462,-	911.553,-	980.430,-
Commissioning by DAIKIN service (net price)	CZK	8.531,-	8.531,-	8.531,-	8.531,-	8.531,-	8.531,-	8.531,-


Optional accessories for chiller:

Code	Type of unit	EWYQ-G-XS	075	085	100	110	120	140	160
Mechanical									
20	Evaporator victaulic kit	CZK							
29	20mm evaporator insulation	CZK				Standard			
49	Alucoat fins coil	CZK							
03	Partial heat recovery	CZK	29.578,-	29.578,-	29.578,-	30.169,-	30.169,-	35.309,-	35.309,-
08	Brine version	CZK	12.556,-	12.556,-	12.556,-	12.556,-	12.556,-	12.556,-	12.556,-
126	Discharge and suction line shut-off valve	CZK	20.927,-	20.927,-	20.927,-	20.927,-	20.927,-	20.927,-	20.927,-
127	High and low pressure side manometers	CZK	6.825,-	6.825,-	6.825,-	6.825,-	6.825,-	6.825,-	6.825,-
138	Condenser coil guard	CZK	12.556,-	12.556,-	12.556,-	13.652,-	13.652,-	17.107,-	17.107,-
78	One centrifugal pump (low lift)	CZK	61.461,-	61.461,-	61.461,-	64.186,-	64.186,-	71.012,-	71.012,-
79	One centrifugal pump (high lift)	CZK	75.113,-	75.113,-	75.113,-	77.837,-	77.837,-	82.837,-	82.837,-
80	Two centrifugal pump (low lift)	CZK	101.630,-	101.630,-	101.630,-	101.630,-	101.630,-	108.794,-	108.794,-
81	Two centrifugal pump (high lift)	CZK	119.242,-	119.242,-	119.242,-	121.518,-	121.518,-	124.973,-	124.973,-
134	One centrifugal pump (low lift) + tank	CZK	96.743,-	96.743,-	96.743,-	108.147,-	108.147,-	114.973,-	114.973,-
135	One centrifugal pump (high lift) + tank	CZK	110.422,-	110.422,-	110.422,-	121.996,-	121.996,-	126.995,-	126.995,-
136	Two centrifugal pump (low lift) + tank	CZK	150.647,-	150.647,-	150.647,-	152.473,-	152.473,-	157.754,-	157.754,-
137	Two centrifugal pump (high lift) + tank	CZK	164.637,-	164.637,-	164.637,-	166.912,-	166.912,-	171.856,-	171.856,-
91	Double pressure relief valve with diverter	CZK	25.028,-	25.028,-	25.028,-	25.028,-	25.028,-	25.028,-	25.028,-
115	Water filter	CZK	13.147,-	13.147,-	13.147,-	13.147,-	13.147,-	13.147,-	13.147,-
114	Nordic kit	CZK	25.028,-	25.028,-	25.028,-	29.578,-	29.578,-	34.129,-	34.129,-
Electrical / Control									
04	Direct on line starter (dol)	CZK							
10	Double setpoint	CZK							
57	Evaporator electric heater	CZK							
60	Electronic expansion valve	CZK							
67	Ambient outside temperature sensor and setpoint reset	CZK				Standard			
68	Hour run meter	CZK							
69	General fault contactor	CZK							
97	Main switch interlock door	CZK							
128	Master/Slave	CZK							
06	Soft starter	CZK	45.197,-	45.197,-	45.197,-	45.197,-	46.742,-	50.535,-	54.298,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.281,-	10.281,-	10.281,-	10.281,-	10.281,-	10.281,-	10.281,-
17	Capacitors for power factor correction	CZK	17.416,-	17.416,-	17.416,-	17.416,-	17.416,-	19.382,-	22.753,-
58	Evaporator flow switch	CZK	5.927,-	5.927,-	5.927,-	5.927,-	5.927,-	5.927,-	5.927,-
95	Compressors circuit breakers	CZK	8.005,-	8.315,-	8.652,-	8.652,-	8.652,-	9.832,-	10.928,-
96	Fans circuit breakers	CZK	4.551,-	4.551,-	4.551,-	4.551,-	4.551,-	4.551,-	4.551,-
Installation									
75	Rubber anti vibration mounts	CZK	10.337,-	10.337,-	10.337,-	10.337,-	10.337,-	10.337,-	10.337,-
77	Spring anti vibration mounts	CZK	32.444,-	32.444,-	32.444,-	32.444,-	32.444,-	32.444,-	32.444,-
83	External tank without cabinet (500 l)	CZK	79.973,-	79.973,-	79.973,-	79.973,-	79.973,-	79.973,-	79.973,-
84	External tank without cabinet (1000 l)	CZK	106.770,-	106.770,-	106.770,-	106.770,-	106.770,-	106.770,-	106.770,-
87	External tank with cabinet (500 l)	CZK	117.698,-	117.698,-	117.698,-	117.698,-	117.698,-	117.698,-	117.698,-
88	External tank with cabinet (1000 l)	CZK	150.788,-	150.788,-	150.788,-	150.788,-	150.788,-	150.788,-	150.788,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCMMLON	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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
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		2826 x 1195 x 1800			3426 x 1195 x 1800		4026 x 1195 x 1800	
Weight of unit / Operating weight	kg		880/888	942/951	1107/1118	1233/1224	1243/1254	1363/1374	1424/1441
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
Price	CZK		624.162,-	684.894,-	759.810,-	826.581,-	871.833,-	960.261,-	1.029.138,-
Commissioning by DAIKIN service (net price)	CZK		8.531,-	8.531,-	8.531,-	8.531,-	8.531,-	8.531,-	8.531,-

Optional accessories for chiller:

Code	Type of unit	EWYQ-G-XR	075	085	100	110	120	140	160
Mechanical									
20	Evaporator victaulic kit	CZK							
29	20mm evaporator insulation	CZK				Standard			
49	Alucoat fins coil	CZK							
03	Partial heat recovery	CZK	29.578,-	29.578,-	29.578,-	30.169,-	30.169,-	35.309,-	35.309,-
08	Brine version	CZK	12.556,-	12.556,-	12.556,-	12.556,-	12.556,-	12.556,-	12.556,-
126	Discharge and suction line shut-off valve	CZK	20.927,-	20.927,-	20.927,-	20.927,-	20.927,-	20.927,-	20.927,-
127	High and low pressure side manometers	CZK	6.825,-	6.825,-	6.825,-	6.825,-	6.825,-	6.825,-	6.825,-
138	Condenser coil guard	CZK	12.556,-	12.556,-	12.556,-	13.652,-	13.652,-	17.107,-	17.107,-
78	One centrifugal pump (low lift)	CZK	61.461,-	61.461,-	61.461,-	64.186,-	64.186,-	71.012,-	71.012,-
79	One centrifugal pump (high lift)	CZK	75.113,-	75.113,-	75.113,-	77.837,-	77.837,-	82.837,-	82.837,-
80	Two centrifugal pump (low lift)	CZK	101.630,-	101.630,-	101.630,-	101.630,-	101.630,-	108.794,-	108.794,-
81	Two centrifugal pump (high lift)	CZK	119.242,-	119.242,-	119.242,-	121.518,-	121.518,-	124.973,-	124.973,-
134	One centrifugal pump (low lift) + tank	CZK	96.743,-	96.743,-	96.743,-	108.147,-	108.147,-	114.973,-	114.973,-
135	One centrifugal pump (high lift) + tank	CZK	110.422,-	110.422,-	110.422,-	121.996,-	121.996,-	126.995,-	126.995,-
136	Two centrifugal pump (low lift) + tank	CZK	150.647,-	150.647,-	150.647,-	152.473,-	152.473,-	157.754,-	157.754,-
137	Two centrifugal pump (high lift) + tank	CZK	164.637,-	164.637,-	164.637,-	166.912,-	166.912,-	171.856,-	171.856,-
91	Double pressure relief valve with diverter	CZK	25.028,-	25.028,-	25.028,-	25.028,-	25.028,-	25.028,-	25.028,-
115	Water filter	CZK	13.147,-	13.147,-	13.147,-	13.147,-	13.147,-	13.147,-	13.147,-
114	Nordic kit	CZK	25.028,-	25.028,-	25.028,-	29.578,-	29.578,-	34.129,-	34.129,-
Electrical / Control									
04	Direct on line starter (dol)	CZK							
10	Double setpoint	CZK							
57	Evaporator electric heater	CZK							
60	Electronic expansion valve	CZK							
67	Ambient outside temperature sensor and setpoint reset	CZK				Standard			
68	Hour run meter	CZK							
69	General fault contactor	CZK							
97	Main switch interlock door	CZK							
128	Master/Slave	CZK							
06	Soft starter	CZK	45.197,-	45.197,-	45.197,-	45.197,-	46.742,-	50.535,-	54.298,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.281,-	10.281,-	10.281,-	10.281,-	10.281,-	10.281,-	10.281,-
17	Capacitors for power factor correction	CZK	17.416,-	17.416,-	17.416,-	17.416,-	17.416,-	19.382,-	22.753,-
58	Evaporator flow switch	CZK	5.927,-	5.927,-	5.927,-	5.927,-	5.927,-	5.927,-	5.927,-
95	Compressors circuit breakers	CZK	8.005,-	8.315,-	8.652,-	8.652,-	8.652,-	9.832,-	10.928,-
96	Fans circuit breakers	CZK	4.551,-	4.551,-	4.551,-	4.551,-	4.551,-	4.551,-	4.551,-
Installation									
75	Rubber anti vibration mounts	CZK	10.337,-	10.337,-	10.337,-	10.337,-	10.337,-	10.337,-	10.337,-
77	Spring anti vibration mounts	CZK	32.444,-	32.444,-	32.444,-	32.444,-	32.444,-	32.444,-	32.444,-
83	External tank without cabinet (500 l)	CZK	79.973,-	79.973,-	79.973,-	79.973,-	79.973,-	79.973,-	79.973,-
84	External tank without cabinet (1000 l)	CZK	106.770,-	106.770,-	106.770,-	106.770,-	106.770,-	106.770,-	106.770,-
87	External tank with cabinet (500 l)	CZK	117.698,-	117.698,-	117.698,-	117.698,-	117.698,-	117.698,-	117.698,-
88	External tank with cabinet (1000 l)	CZK	150.788,-	150.788,-	150.788,-	150.788,-	150.788,-	150.788,-	150.788,-
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCMBACKSTP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCM1LON	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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	CZK		129.523,-	173.850,-	201.300,-	274.500,-	
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	CZK	6.507,-	6.507,-	6.507,-	6.507,-
OPZL	glycol application to -10 °C LWE	CZK	6.507,-	6.507,-	6.507,-	6.507,-

Kit						
EKLS1	low noise kit 5 HP	CZK	8.470,-	-	-	-
EKLS2	low noise kit 8/10/12 HP	CZK	-	8.470,-	8.470,-	8.470,-
EKAC10C⁽³⁾	BMS address card	CZK	4.808,-	4.808,-	4.808,-	4.808,-
EKRUMCA	remote user interface	CZK	8.917,-	8.917,-	8.917,-	8.917,-

Unit size			EWWQ064KBW1N	EWWQ049KAW1M*	EWWQ064KAW1M*	
Price	CZK		325.333,-	225.700,-	276.533,-	
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	CZK	6.507,-	6.507,-	6.507,-	6.507,-
OPZL	glycol application to -10 °C LWE	CZK	6.507,-	6.507,-	6.507,-	6.507,-

Kit						
EKLS2	low noise kit 8/10/12 HP (2 pcs.)	CZK	8.470,-	8.470,-	8.470,-	8.470,-
EKAC10C⁽³⁾	BMS address card	CZK	4.808,-	4.808,-	4.808,-	4.808,-
EKRUMCA⁽³⁾	remote user interface	CZK	8.917,-	8.917,-	8.917,-	8.917,-

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

EWWQ-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		EWWQ049KAW1M	EWWQ049KAW1M	EWWQ064KAW1M
		EWWQ049KAW1M	EWWQ064KAW1M	EWWQ064KAW1M
Control box		ECB2MUAW	ECB2MUAW	ECB2MUAW
Price	CZK	535.994,-	586.827,-	637.660,-
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	CZK 13.014,-	13.014,-	13.014,-
OPZL	glycol application to -10°C LWE	CZK 13.014,-	13.014,-	13.014,-

Capacity index		147	162	177	192
Basic model		EWWQ049KAW1M	EWWQ049KAW1M	EWWQ049KAW1M	EWWQ064KAW1M
		EWWQ049KAW1M	EWWQ049KAW1M	EWWQ064KAW1M	EWWQ064KAW1M
		EWWQ049KAW1M	EWWQ064KAW1M	EWWQ064KAW1M	EWWQ064KAW1M
Control box		ECB3MUAW	ECB3MUAW	ECB3MUAW	ECB3MUAW
Price	CZK	761.694,-	812.527,-	863.360,-	914.193,-
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	CZK 19.521,-	19.521,-	19.521,-	19.521,-
OPZL	glycol application to -10°C LWE	CZK 19.521,-	19.521,-	19.521,-	19.521,-

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



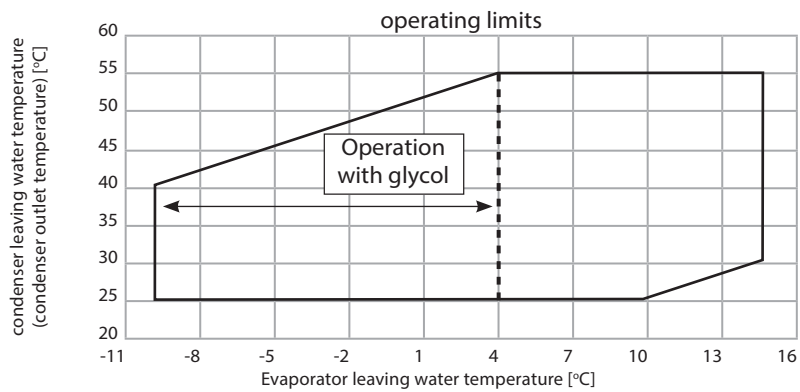
Standard equipment

- › 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	
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) SCOP	%	163	163	165	168	168	167	164	162	166	-
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	
Price	CZK	487.310,-	519.743,-	554.903,-	592.315,-	626.697,-	687.614,-	741.966,-	758.683,-	811.144,-	981.323,-	1.118.707,-	
Commissioning by DAIKIN service (net price)	CZK	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	

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	CZK	Standard										
29	20Mm evaporator insulation	CZK	Standard										
60	Electronic expansion valve	CZK	Standard										
07a	Heat pump version (with reversibility on water side)	CZK	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-
133	Stacked installation	CZK	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-
08	Brine version	CZK	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-
03	Partial heat recovery	CZK	30.960,-	30.960,-	30.960,-	31.433,-	31.626,-	36.967,-	38.052,-	40.501,-	47.899,-	50.681,-	53.963,-
33	20Mm condenser insulation	CZK	4.756,-	4.756,-	4.756,-	4.756,-	4.756,-	4.756,-	4.756,-	4.756,-	4.756,-	4.756,-	4.756,-
126	Discharge and suction line shut-off valve	CZK	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-
127	High and low pressure side manometers	CZK	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-
76-c	Sound proof system (compressors jacket)	CZK	25.118,-	22.726,-	20.473,-	20.473,-	20.473,-	20.473,-	20.473,-	Not available			
76-b	Sound proof system (compressor)	CZK	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-
91	Double pressure relief valve with diverter	CZK	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-
115	Water filter	CZK	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	21.558,-
122	Evaporator single pump (low lift)	CZK	31.989,-	31.989,-	34.075,-	34.075,-	34.075,-	56.466,-	56.466,-	56.466,-	56.466,-	56.466,-	52.405,-
123	Evaporator single pump (high lift)	CZK	36.772,-	36.772,-	39.137,-	39.137,-	39.137,-	64.978,-	64.978,-	64.978,-	64.978,-	64.978,-	60.278,-
124	Condenser single pump (low lift)	CZK	38.386,-	38.386,-	40.834,-	40.834,-	40.834,-	40.834,-	67.815,-	67.815,-	67.815,-	67.815,-	62.920,-
125	Condenser single pump (high lift)	CZK	44.172,-	44.172,-	46.954,-	46.954,-	46.954,-	77.968,-	77.968,-	77.968,-	77.968,-	77.968,-	72.322,-
Electrical / Control													
04	Dol starter	CZK	Standard									Not available	
132	Part winding start	CZK	Not available									Standard	
10	Double setpoint	CZK	Standard									Not available	
68	Hour run meter	CZK	Standard									Standard	
69	General fault contactor	CZK	Standard									Standard	
97	Main switch interlock door	CZK	Standard									Standard	
128	Master/Slave	CZK	Standard									Standard	
06	Soft starter	CZK	74.436,-	67.815,-	61.223,-	65.618,-	69.985,-	75.131,-	80.305,-	85.368,-	87.509,-	Not available	
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-
17	Capacitors for power factor correction	CZK	19.972,-	19.972,-	19.972,-	19.972,-	19.972,-	19.972,-	35.299,-	35.299,-	35.299,-	49.318,-	49.318,-
58	Evaporator flow switch	CZK	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-
59	Condenser flow switch	CZK	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-
95	Compressors circuit breakers	CZK	8.373,-	8.707,-	9.068,-	9.068,-	9.068,-	10.236,-	11.460,-	11.905,-	12.351,-	42.058,-	71.737,-
102	Ground fault relay	CZK	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-
Installation													
75	Rubber anti vibration mounts	CZK	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-
Communication cards / Accessories													
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCM200MSTP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCM200LON	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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
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
EER		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	ηs (Seasonal space heating efficiency) SCOP	%	155	155	158	162	161	161	167	166	158	-
			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
Price	CZK	550.592,-	587.364,-	627.085,-	669.254,-	708.141,-	776.987,-	789.086,-	857.320,-	916.651,-	1.108.943,-	1.264.157,-
Commissioning by DAIKIN service personnel (net price)	CZK	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-	8.448,-

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	CZK											
29	20Mm evaporator insulation	CZK											
33	20Mm condenser insulation	CZK							Standard				
60	Electronic expansion valve	CZK											
133	Stacked installation	CZK	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-	45.257,-
08	Brine version	CZK	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-	13.129,-
03	Partial heat recovery	CZK	30.960,-	30.960,-	30.960,-	31.433,-	31.626,-	36.967,-	38.052,-	40.501,-	47.899,-	50.681,-	53.963,-
129	Liquid line dishut of valve	CZK	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	8.373,-	8.373,-	8.373,-	8.373,-	9.541,-	9.541,-
126	Discharge and suction line shut-off valve	CZK	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-	21.892,-
127	High and low pressure side manometers	CZK	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-	7.149,-
76-c	Sound proof system (compressors jacket)	CZK	25.118,-	22.726,-	20.473,-	20.473,-	20.473,-	20.473,-	20.473,-	Not available			
76-b	Sound proof system (compressor)	CZK	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-	82.558,-
91	Double pressure relief valve with diverter	CZK	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-
115	Water filter	CZK	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	21.558,-
122	Evaporator single pump (low lift)	CZK	31.989,-	31.989,-	34.075,-	34.075,-	34.075,-	56.466,-	56.466,-	56.466,-	56.466,-	56.466,-	52.405,-
123	Evaporator single pump (high lift)	CZK	36.772,-	36.772,-	39.137,-	39.137,-	39.137,-	64.978,-	64.978,-	64.978,-	64.978,-	64.978,-	60.278,-
124	Condenser single pump (low lift)	CZK	31.989,-	31.989,-	34.075,-	34.075,-	34.075,-	56.466,-	56.466,-	56.466,-	56.466,-	56.466,-	52.405,-
125	Condenser single pump (high lift)	CZK	36.772,-	36.772,-	39.137,-	39.137,-	39.137,-	64.978,-	64.978,-	64.978,-	64.978,-	64.978,-	60.278,-
Electrical / Control													
04	Dol starter	CZK						Standard					Not available
132	Part winidng start	CZK						Not available					
10	Double setpoint	CZK											
68	Hour run meter	CZK											
69	General fault contactor	CZK						Standard					
97	Main switch interlock door	CZK											
128	Master/Slave	CZK											
06	Soft starter	CZK	74.436,-	67.815,-	61.223,-	65.618,-	69.985,-	75.131,-	80.305,-	85.368,-	87.509,-		Not available
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card po1965)	CZK	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-
17	Capacitors for power factor correction	CZK	19.972,-	19.972,-	19.972,-	19.972,-	19.972,-	19.972,-	35.299,-	35.299,-	35.299,-	49.318,-	49.318,-
58	Evaporator flow switch	CZK	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-
59	Condenser flow switch	CZK	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-
95	Compressors circuit breakers	CZK	8.373,-	8.707,-	9.068,-	9.068,-	9.068,-	10.236,-	11.460,-	11.905,-	12.351,-	42.058,-	71.737,-
102	Ground fault relay	CZK	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-
Installation													
75	Rubber anti vibration mounts	CZK	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-	5.229,-
Communication cards / Accessories													
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCMML0N	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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	
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	η _s (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	
Price	CZK	922.242,-	929.808,-	997.262,-	1.062.213,-	1.135.008,-	1.227.718,-	
Commissioning by DAIKIN service personnel (net price)	CZK	12.260,-	12.260,-	12.260,-	12.260,-	12.260,-	12.260,-	

Optional accessories for chiller:

Code	Type of unit		180	205	230	260	290	330
Mechanical								
130	Evaporator and condenser victaulic kit	CZK	Standard					
29	20Mm evaporator insulation	CZK	Standard					
60	Electronic expansion valve	CZK	Standard					
07a	Heat pump version with reversibility on water side (including pursuit mode)	CZK	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-	8.373,-
08	Brine version	CZK	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-	26.203,-
03	Partial heat recovery	CZK	63.476,-	63.476,-	63.476,-	63.476,-	64.395,-	76.161,-
33	20Mm condenser insulation	CZK	9.541,-	9.541,-	9.541,-	9.541,-	9.541,-	9.541,-
126	Discharge and suction line shut-off valve	CZK	43.838,-	43.838,-	43.838,-	43.838,-	43.838,-	43.838,-
127	High and low pressure side manometers	CZK	14.297,-	14.297,-	14.297,-	14.297,-	14.297,-	14.297,-
76-c	Sound proof system (compressors jacket)	CZK	58.581,-	53.129,-	47.649,-	47.649,-	47.649,-	47.649,-
76-b	Sound proof system (compressor)	CZK	165.089,-	165.089,-	165.089,-	165.089,-	165.089,-	165.089,-
91	Double pressure relief valve with diverter	CZK	39.221,-	39.221,-	39.221,-	39.221,-	39.221,-	39.221,-
115	Water filter	CZK	13.714,-	13.714,-	13.714,-	13.714,-	13.714,-	21.558,-
122	Evaporator single pump (low lift)	CZK	Contact Factory					
123	Evaporator single pump (high lift)	CZK	Contact Factory					
Electrical / Control								
04	Dol starter	CZK	Standard					
10	Double setpoint	CZK	Standard					
68	Hour run meter	CZK	Standard					
69	General fault contactor	CZK	Standard					
97	Main switch interlock door	CZK	Standard					
128	Master/Slave	CZK	Standard					
132	Part winding start	CZK	Not available					
06	Soft starter	CZK	160.582,-	147.119,-	133.795,-	142.947,-	152.154,-	162.724,-
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-	10.765,-
17	Capacitors for power factor correction	CZK	36.633,-	36.633,-	36.633,-	36.633,-	36.633,-	36.633,-
58	Evaporator flow switch	CZK	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-
59	Condenser flow switch	CZK	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-	6.175,-
95	Compressors circuit breakers	CZK	16.551,-	17.246,-	17.970,-	17.970,-	17.970,-	20.333,-
102	Ground fault relay	CZK	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-	20.723,-
Installation								
75	Rubber anti vibration mounts	CZK	7.399,-	7.399,-	7.399,-	7.399,-	7.399,-	7.399,-
Communication cards / Accessories								
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCM8ACN5TP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCM1LON	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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



NEW		Unit size	EWLQ014KBW1N	EWLQ025KBW1N	EWLQ033KBW1N	EWLQ049KBW1N	EWLQ064KBW1N
	Price	CZK	115.246,-	154.679,-	179.079,-	244.109,-	289.314,-
	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	CZK	6.972,-	6.972,-	6.972,-	6.972,-
	OPZL	glycol application to -10°C LWE	CZK	6.972,-	6.972,-	6.972,-	6.972,-
Kit							
	EKLS1	low noise kit 5 HP	CZK	8.470,-	-	-	-
	EKLS2	low noise kit 8/10/12 HP	CZK	-	8.470,-	8.470,-	8.470,-
	EKAC10C⁽²⁾	BMS address card	CZK	4.808,-	4.808,-	4.808,-	4.808,-
	EKRUMCA⁽²⁾	remote user interface	CZK	8.917,-	8.917,-	8.917,-	8.917,-

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
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	967/1044	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
Price	CZK	444.071,-	473.695,-	505.732,-	539.796,-	571.120,-	626.643,-	676.109,-	691.401,-	739.277,-	894.335,-	1.019.548,-
Commissioning by DAIKIN service (net price)	CZK	8.323,-	8.323,-	8.323,-	8.323,-	8.323,-	8.323,-	8.323,-	8.323,-	8.323,-	8.323,-	8.323,-

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	CZK	Standard										
29	20mm evaporator insulation	CZK	Standard										
60	Electronic expansion valve	CZK	Standard										
133	Stacked installation	CZK	44.588,-	44.588,-	44.588,-	44.588,-	44.588,-	44.588,-	44.588,-	44.588,-	44.588,-	44.588,-	44.588,-
08	Brine version	CZK	12.935,-	12.935,-	12.935,-	12.935,-	12.935,-	12.935,-	12.935,-	12.935,-	12.935,-	12.935,-	12.935,-
03	Partial heat recovery	CZK	Not available										
126	Discharge and suction line shut-off valve	CZK	21.568,-	21.568,-	21.568,-	21.568,-	21.568,-	21.568,-	21.568,-	21.568,-	21.568,-	21.568,-	21.568,-
127	High and low pressure side manometers	CZK	7.043,-	7.043,-	7.043,-	7.043,-	7.043,-	7.043,-	7.043,-	7.043,-	7.043,-	7.043,-	7.043,-
76-c	Sound proof system (compressors jacket)	CZK	24.747,-	22.390,-	20.170,-	20.170,-	20.170,-	20.170,-	20.170,-	Not available			
76-b	Sound proof system (compressor)	CZK	81.338,-	81.338,-	81.338,-	81.338,-	81.338,-	81.338,-	81.338,-	81.338,-	81.338,-	81.338,-	81.338,-
91	Double pressure relief valve with diverter	CZK	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-
115	Water filter	CZK	13.511,-	13.511,-	13.511,-	13.511,-	13.511,-	13.511,-	13.511,-	13.511,-	13.511,-	13.511,-	21.239,-
122	Evaporator single pump (low lift)	CZK	31.516,-	31.516,-	33.571,-	33.571,-	33.571,-	55.632,-	55.632,-	55.632,-	55.632,-	55.632,-	51.631,-
123	Evaporator single pump (high lift)	CZK	36.229,-	36.229,-	38.559,-	38.559,-	38.559,-	64.018,-	64.018,-	64.018,-	64.018,-	64.018,-	59.387,-
Electrical / Control													
04	Dol starter	CZK	Standard									Not available	
132	Part winding start	CZK	Not available									Standard	
10	Double setpoint	CZK	Standard										
68	Hour run meter	CZK	Standard										
69	General fault contactor	CZK	Standard										
97	Main switch interlock door	CZK	Standard										
128	Master/Slave	CZK	Standard										
06	Soft starter	CZK	73.336,-	66.813,-	60.318,-	64.648,-	68.951,-	74.021,-	79.118,-	84.106,-	89.121,-	Not available	
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card pol965)	CZK	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-
17	Capacitors for power factor correction	CZK	19.677,-	19.677,-	19.677,-	19.677,-	19.677,-	19.677,-	34.777,-	34.777,-	34.777,-	48.589,-	48.589,-
58	Evaporator flow switch	CZK	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-
95	Compressors circuit breakers	CZK	8.249,-	8.578,-	8.934,-	8.934,-	8.934,-	10.085,-	11.291,-	11.729,-	12.168,-	41.436,-	70.677,-
102	Ground fault relay	CZK	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-
Installation													
75	Rubber anti vibration mounts	CZK	5.152,-	5.152,-	5.152,-	5.152,-	5.152,-	5.152,-	5.152,-	5.152,-	5.152,-	5.152,-	5.152,-
Communication cards / Accessories													
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-
EKCMBA0MSTP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-
EKCMML0N	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-

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
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
Price	CZK	821.821,-	828.590,-	888.717,-	946.569,-	1.011.409,-	1.094.062,-
Commissioning by DAIKIN service personnel (net price)	CZK	12.079,-	12.079,-	12.079,-	12.079,-	12.079,-	12.079,-

Optional accessories for chiller:

Code	Type of unit	EWLQ-L-SS	180	205	230	260	290	330	
Mechanical									
20	Evaporator victaulic kit	CZK	Standard						
29	20mm evaporator insulation	CZK	Standard						
60	Electronic expansion valve	CZK	Standard						
08	Brine version	CZK	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-	25.816,-	
126	Discharge and suction line shut-off valve	CZK	43.190,-	43.190,-	43.190,-	43.190,-	43.190,-	43.190,-	
127	High and low pressure side manometers	CZK	14.086,-	14.086,-	14.086,-	14.086,-	14.086,-	14.086,-	
76-c	Sound proof system (compressors jacket)	CZK	57.715,-	52.344,-	46.945,-	46.945,-	46.945,-	46.945,-	
76-b	Sound proof system (compressor)	CZK	162.649,-	162.649,-	162.649,-	162.649,-	162.649,-	162.649,-	
91	Double pressure relief valve with diverter	CZK	38.641,-	38.641,-	38.641,-	38.641,-	38.641,-	38.641,-	
115	Water filter	CZK	13.511,-	13.511,-	13.511,-	13.511,-	13.511,-	21.239,-	
122	Evaporator single pump (low lift)	CZK	Contact Factory						
123	Evaporator single pump (high lift)	CZK	Contact Factory						
Electrical / Control									
04	Dol starter	CZK	Standard						
10	Double setpoint	CZK	Standard						
68	Hour run meter	CZK	Standard						
69	General fault contactor	CZK	Standard						
97	Main switch interlock door	CZK	Standard						
128	Master/Slave	CZK	Standard						
132	Part winidng start	CZK	Not available						
06	Soft starter	CZK	158.209,-	144.945,-	131.818,-	140.834,-	149.905,-	160.319,-	
15a	Control expansion pack including (under / over voltage control, setpoint reset, demand limit, alarm from external device, expansion card POL965)	CZK	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-	10.606,-	
17	Capacitors for power factor correction	CZK	36.092,-	36.092,-	36.092,-	36.092,-	36.092,-	36.092,-	
58	Evaporator flow switch	CZK	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-	6.084,-	
95	Compressors circuit breakers	CZK	16.306,-	16.991,-	17.704,-	17.704,-	17.704,-	20.033,-	
102	Ground fault relay	CZK	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-	20.417,-	
Installation									
75	Rubber anti vibration mounts	CZK	7.290,-	7.290,-	7.290,-	7.290,-	7.290,-	7.290,-	
Communication cards / Accessories									
EKCM200J	BMS card (ModBUS-RTU)	CZK	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	9.951,-	
EKCM3ACIN5TP	BMS card (BacNet/ MSTP)	CZK	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	11.880,-	
EKCM1LON	BMS card (LonWorks)	CZK	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	11.573,-	

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



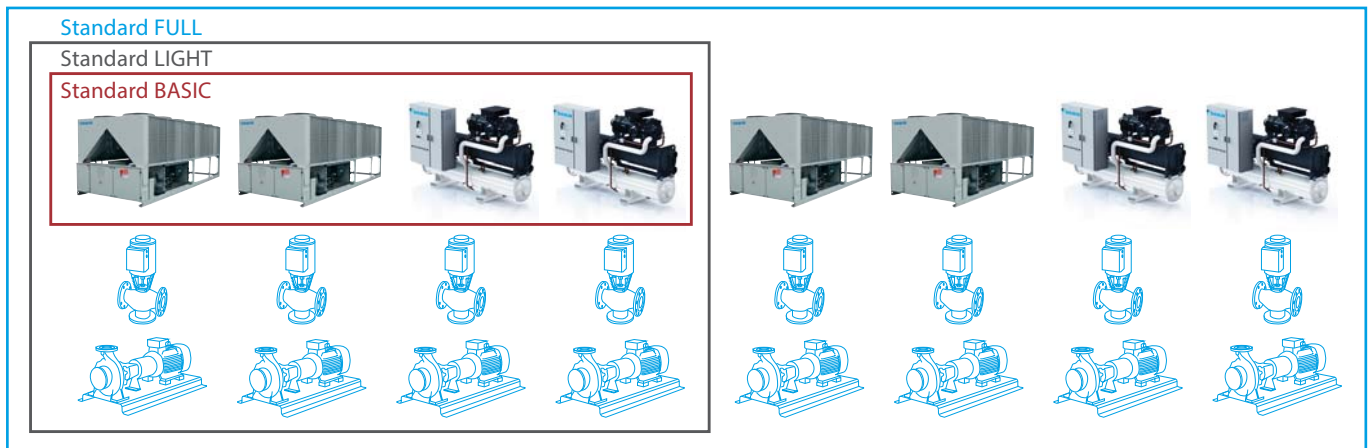
(Free-programmable)



(Customised)

Customised version

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



NEW	intelligent Chiller Manager	
	iCM Basic⁽¹⁾ only the chiller (without peripheral device) manageable	EKDICMPAB 173.754,-
	iCM Light⁽¹⁾ , for air/water-cooled chillers up to 4 primary pumps and up to 4 evaporator shut-off valves manageable	EKDICMPAL 420.351,-
	iCM Full⁽¹⁾ , for air/water-cooled chillers up to 8 primary pumps and up to 8 evaporator shut-off valves manageable	EKDICMPAF 626.035,-
	iCM Light , for water-cooled chillers up to 4 chillers plus condenser and evaporator shut-off valves and 4 evaporator pumps and 4 condenser pumps manageable	EKDICMPWL on request
	iCM Full , for water-cooled chillers up to 4 chillers plus condenser and evaporator shut-off valves and 8 evaporator pumps and 8 condenser pumps manageable	EKDICMPWF on request
	iCM Customised based on <i>ad hoc</i> specifications	CZK on request

Scope and type of equipment which can be controlled by iCM

	Air-cooled	Water-cooled
Chiller (Dedicated/Manifolded)	≤8	≤8
Operating mode	Cooling	Cooling
Evaporator pumps (CSD/VFD) &(Dedicated/Manifolded)	≤8	≤8
Shut-off valves (evaporator side)	≤8	≤8
Bypass valve (evaporator side)	✓	✓
Condenser pumps (CSD/VFD)	-	≤8
Shut-off valves (condenser side)	-	≤8
Bypass valve (condenser side)	-	✓
Cooling tower fans (CSD/VFD)	-	≤(8x3) - Coming soon

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

Notes:

(1)The iCM option is available for the following chiller series: EWAD~TZ (&B), EWAD~T- (B), EWAD~E-, EWAD~D-, EWAQ~G-, EWAQ~E (single), EWAQ~F (dual), EWAD~C-, EWAD~CZ, EWAD~CF, EW_Q-G, EW_Q-L, EWWD~G-, EWLD~G-, EWWD~I-, EWLD~I-, EWWD~J-, EWLD~J-, EWWQ~B-, EWWD~VZ A, EWWD~FZ, DWSC & DWDC;

(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	CZK	7.125,-	8.057,-	8.770,-	11.428,-	12.360,-	14.415,-	17.347,-
FWE**CTV , 2 pipe unit, with 3-ways 230V on/off valve, factory mounted	CZK	12.360,-	13.264,-	13.977,-	16.635,-	17.567,-	19.622,-	22.554,-
FWE**CTT , 2 pipe unit, with 2-ways 230V on/off valve, factory mounted	CZK	10.058,-	11.072,-	11.702,-	14.415,-	15.265,-	17.347,-	20.280,-
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	1195	1559	1753	2177
Sound power level	dB(A)	51	61	58	62	62	64	65
FWE**CF- , 4 pipe unit, standard, without valves	CZK	8.359,-	9.427,-	10.195,-	13.127,-	14.059,-	16.498,-	19.403,-
FWE**CFV , 4 pipe unit, with 3-ways 230V on/off valves, factory mounted	CZK	17.402,-	18.553,-	19.348,-	22.280,-	23.130,-	25.541,-	28.474,-
FWE**CFT , 4 pipe unit, with 2-ways 230V on/off valves, factory mounted	CZK	14.141,-	15.210,-	15.977,-	18.909,-	19.841,-	22.280,-	25.185,-
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	1193	1548	1742	2166
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			
	CZK				3.019,-			
 2 pipes 2-ways on/off 230V valve kit On / Off function, including piping unit					EK2MV2B10C5			
	CZK				2.264,-			
 4 pipes 3-ways on/off 230V valve kit On / Off function, including piping unit					EK4MV3B10C5			
	CZK				5.199,-			
 4 pipes 2-ways on/off 230V valve kit On / Off function, including piping unit					EK4MV2B10C5			
					4.417,-			

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-wire 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	CZK	13.785,-	14.634,-	15.484,-	18.772,-	19.403,-	21.184,-	25.624,-	27.049,-	28.830,-
FWB**BTV , 2 pipe unit, with 3-ways 230V on/off valve, factory mounted	CZK	18.115,-	19.046,-	19.923,-	23.130,-	23.842,-	25.624,-	30.255,-	31.680,-	33.462,-
FWB**BTNE , 2 pipe unit, without valves and electric heater, factory mounted	CZK	22.116,-	23.048,-	23.979,-	28.035,-	28.748,-	30.557,-	35.599,-	37.052,-	38.833,-
FWB**BTVE , 2 pipe unit, with 3-ways 230V on/off valve and electric heater, factory mounted	CZK	26.555,-	27.405,-	28.337,-	32.475,-	33.105,-	34.969,-	40.258,-	41.683,-	43.464,-
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		
	CZK	4.808,-			5.591,-			7.603,-		
 3-way valve add. h/e Actuator 230V included		E2MV307A6						E2MV310A6		
	CZK	4.976,-						4.976,-		
 2-way valve add. h/e Actuator 230V included		E2MV207A6						E2MV210A6		
	CZK	2.796,-						2.796,-		
 Fan stop thermostat Needed with controller FWEC1A		YFSTA6								
		531,-								

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-wire 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	CZK	19.622,-	20.472,-	21.266,-	24.911,-	25.185,-	26.912,-
FWP**ATV , 2 pipe unit, with 3-ways 230V on/off valve, factory mounted	CZK	23.979,-	24.829,-	25.624,-	29.323,-	29.625,-	31.324,-
FWP**ATNE , 2 pipe unit, without valves and electric heater, factory mounted	CZK	28.035,-	28.912,-	29.680,-	34.256,-	34.530,-	36.257,-
FWP**ATVE , 2 pipe unit, with 3-ways 230V on/off valve and electric heater, factory mounted	CZK	32.393,-	33.270,-	34.037,-	38.668,-	38.970,-	40.669,-
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		
	CZK	4.808,-			5.591,-		
 3-way valve add. h/e Actuator 230V included		E2MV307A6					
	CZK	4.976,-					
 2-way valve add. h/e Actuator 230V included		E2MV207A6					
	CZK	2.796,-					

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	CZK	20.736,-	22.248,-	37.152,-	39.339,-	40.635,-	42.525,-
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	CZK	23.382,-	25.515,-	40.311,-	42.309,-	44.415,-	46.899,-
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	
	Electric heater high capacity	EDEH04A6		EDEHB06A6		EDEHB10A6	
	Capacity	2,0		6,0		9,0	
	2-pipe 3-way valve Actuator 230V included	ED2MV04A6		ED2MV10A6			
	Price	6.904,-		6.904,-			
	4-pipe 3-way valve Actuator 230V included	ED4MV04A6		ED4MV10A6			
	Price	13.277,-		13.277,-			
	Vertical drainpan	EDDPV10A6					
	Price	531,-					
	Horizontal drainpan	EDDPH10A6					
	Price	531,-					
	Fresh air intake Servomotor 24V ~ Incl. Positioner 0 ... 100%	EDMFA04A6		EDMFA06A6		EDMFA10A6	
	Price	31.223,-		31.615,-		32.370,-	

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

FWD-A

AC fan motor unit for horizontal concealed mounting

- › 2 and 4-wire 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	CZK	16.498,-	21.705,-	25.404,-	28.255,-	35.106,-	45.026,-	49.521,-
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	1250	1600	1600	2200	3000	3000
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	CZK	19.348,-	25.267,-	29.488,-	32.694,-	41.190,-	52.179,-	57.167,-
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	1250	1600	1600	2200	3000	3000
Sound power level	dB(A)	66	69	72	72	74	78	78

Accessories for FWD		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
	CZK	9.336,-	16.138,-	16.138,-	16.138,-	16.138,-	18.204,-	18.204,-
Electric heater high capacity		EDEH04A6	EDEHB06A6	EDEHB10A6		EDEHB12A6	EDEHB18A6	
	kW	2,0	6,0	9,0	9,0	9,0	12,0	12,0
	CZK	9.336,-	16.138,-	16.138,-	16.138,-	16.138,-	18.204,-	18.204,-
2-pipe 3-way valve Actuator 230V included		ED2MV04A6	ED2MV10A6			ED2MV12A6	ED2MV18A6	
	CZK	6.904,-	6.904,-			6.904,-	7.156,-	
4-pipe 3-way valve Actuator 230V included		ED4MV04A6	ED4MV10A6			2 x ED2MV12A6	2 x ED2MV18A6	
	CZK	13.277,-	13.277,-			13.808,- <small>(2 pcs)</small>	14.312,- <small>(2 pcs)</small>	
Vertical drainpan		EDDPV10A6				EDDPV18A6		
	CZK	531,-				699,-		
Horizontal drainpan		EDDPH10A6				EDDPH18A6		
	CZK	531,-				699,-		
Fan stop thermostat		YFSTA6						
	CZK	531,-						
Fresh air intake Servomotor 24V ~ Incl. Positioner 0 ... 100%		EDMFA04A6	EDMFA06A6	EDMFA10A6		EDMFA12A6	EDMFA18A6	
	CZK	31.223,-	31.615,-	32.370,-		34.019,-	34.857,-	

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		
	CZK		3.103,-			3.103,-		
	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		
	CZK		4.500,-			4.500,-		
	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		
	CZK		6.122,-			6.122,-		
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					
	CZK		4.669,-					
	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					
			3.495,-					
	Wall mounting kit (spacing collar) for FWEC 1A /2A and 3A	CZK	FWFCKA					
			392,-					
	Temperature sensor kit for FWEC*A; with 1.5 meters of cable	CZK	FWTSKA					
			392,-					
	Relative humidity sensor kit for FWEC2A and FWEC3A; with 1.5 meters of cable	CZK	FWHSKA					
			699,-					
	Master/Slave interface for connection of max. 4 devices to a remote control; max. 3.2 Amp. operating current per device connection	CZK	EPIMSA6					
			4.517,-					
	Power interface for using electronic remote controller FWEC(1,2,3)A + new split controller FWECSA	CZK	-			EPIB6		
						4.584,-		

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-wire device
- › 3-stage fan motor
- › System pressure max. 16 bar
- › Water temperature from + 5 ° C to + 50 ° C (2-wire 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	CZK	14.991,-	16.909,-	17.128,-
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	CZK		DCP600TC 4.948,-	
 Standard wired remote control	CZK		MERCA 3.970,-	
 Simplified wired remote control (cooling only)	CZK		SRC-COA 2.096,-	
 Simplified wired remote control (heating only)	CZK		SRC-HPA 2.096,-	
 Wireless control	CZK		WRC-HPC 782,-	
 2-pipe 3-way valve Actuator 230V and assembling kit included	CZK		MCKCW2T3VN 4.500,-	





FWT-C

Fan coil

- › 2-wire 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	CZK	9.701,-	10.058,-	11.565,-	13.922,-	14.908,-
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	1053
Sound power level	dB(A)	45	48	55	55	59

Accessories FWT-C		02	03	04	05	06
 Standard wired remote control	CZK			MERCA 3.970,-		
 Simplified wired remote control (cooling only)	CZK			SRC-COA 2.096,-		
 Simplified wired remote control (heating only)	CZK			SRC-HPA 2.096,-		
 Wireless control	CZK			WRC-HPC 782,-		

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-wire or 4-wire device
- › System pressure max. 16 bar
- › Water temperature from + 5°C to + 50°C for 2-wire devices
- › Water temperature from + 5°C to + 70°C for 4-wire 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	CZK	29.844,-	32.694,-	34.613,-
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	1053	1512	1800
Sound power level	dB(A)	46	57	59
FWG**AF 4 pipe unit , incl, condensate pump, without valves	CZK	32.612,-	35.599,-	37.463,-
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	1053	1512	1800
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	CZK		DCP900BTA 5.115,-	
 Decoration Panel / FWG AF 4 pipes include GS02 wireless controller	CZK		DCP900BFA 5.115,-	
 Wired controller	CZK		BRC51A61 3.103,-	
Wireless controller Decoration panel already include	CZK		Type GS02 Decoration panel already included	
 Valve kit 3-ways ON/OFF 230 V 2 pipe version	CZK		VKFWGA012T3V 3.718,-	VKFWGA022T3V 4.025,-
 Valve kit 3-ways ON/OFF 230 V 4 pipe version	CZK		VKFWGA014T3V 7.603,-	VKFWGA024T3V 7.911,-

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-wire devices
- › Water temperature from + 5°C to + 70°C for 4-wire 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	CZK	19.266,-	20.554,-	21.705,-	22.828,-
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	CZK	20.992,-	22.417,-	23.404,-	24.418,-
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 39.

(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-wire devices
- › Water temperature from + 5°C to + 70°C for 4-wire 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	CZK	27.542,-	29.406,-	31.050,-	32.694,-
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	1062	1236	1518	1776
Sound power level	dB(A)	43	47	53	57
FWC**BF , 4 pipe unit, incl. condensate pump, without valves	CZK	34.475,-	36.832,-	38.531,-	40.176,-
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	1032	1200	1476	1746
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 39.












FWC-B, FWF-B

Accessories

Options		FWC-B	FWF-B
 Decoration Panel Round Flow Standard	CZK	BYCQ140C 7.491,-	-
 Decoration Panel 4-way blow	CZK	-	BYFQ60B3 7.684,-
Sealing member of air discharge outlet	CZK	KDBHQ55C140 3.197,-	KDBH44BA60 4.081,-
 Long-life filter	CZK	KAFP551K160 2.919,-	KAFQ441BA60 on request
 Panel spacer	CZK	-	KDBQ44B60 13.825,-
 Fresh air intake kit	CZK	CE.KDDQ55C140 18.783,-	KDDQ44XA60 4.627,-
 Remote Control Wired	CZK		BRC315D ⁽¹⁾ 3.495,-
 Central remote control Up to 64 groups can be controlled with a maximum of 128 devices per group	CZK		DCS302C51 ⁽²⁾ 49.131,-
Electrical box with earth terminal (3 blocks)	CZK		KJB311A 2.366,-
 Unified on/off control Up to 16 device groups can be controlled; operating indication given by LED	CZK		DCS301B51 ⁽⁵⁾ 25.860,-
Electrical box with earth terminal (2 blocks)	CZK		KJB212A 2.275,-
 Schedule timer 2 programmable on/off times per day; power reserve 48 hours	CZK		DST301B51 ⁽⁵⁾⁽⁸⁾ 25.860,-
 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.	CZK		KRP2A52 ⁽⁴⁾⁽⁸⁾ 9.969,-
 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.	CZK		KRP4A53 ⁽⁴⁾⁽⁸⁾ 5.067,-
 Remote control Infrared H/P	CZK	BRC7F532F ⁽¹¹⁾ 5.122,-	BRC7E530 ⁽¹¹⁾ 5.281,-
 Remote control Infrared C/O	CZK	BRC7F533F ⁽¹¹⁾ 3.720,-	BRC7E531 ⁽¹¹⁾ 8.698,-

FWC-B, FWF-B

Accessories

Options		FWC-B	FWF-B
 Installation box for adapter PCB		KRP1H98 ⁽⁹⁾	KRP1BA101 ⁽⁹⁾
	CZK	1.487,-	1.955,-
 Remote Sensor with 12 meters of cable		KRCS01-4	KRCS01-1
		2.424,-	2.424,-
 Intelligent touch controller Up to 2 device groups can be controlled with a maximum of 64 devices per group		DCS601C51 ⁽³⁾⁽⁷⁾	
	CZK	54.557,-	
 Electrical installation box		KJB411A	
	CZK	4.087,-	
 Optional PCB for MOD-bus connection		EKFCMBCB ⁽⁴⁾⁽⁸⁾	
	CZK	2.879,-	
 2-way valve - On/Off Actuator 230V and piping unit included		EKMV2C09B ⁽⁴⁾⁽⁶⁾⁽¹⁰⁾	
	CZK	2.404,-	
 3-way valve - On/Off Actuator 230V and piping unit included		EKMV3C09B ⁽⁴⁾⁽⁶⁾⁽¹⁰⁾	
	CZK	2.711,-	
 Valve control PCB		EKRP1C11	
	CZK	2.286,-	
Remote "On/Off" and "forced off" kit		-	EKRORO ⁽¹²⁾
	CZK		769,-
 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	
	CZK	9.997,-	
 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	
	CZK	7.491,-	
 Modbus Interface DIII External control via the building management system; connection to maximum 64 devices		EKMBOXA	
	CZK	76.286,-	

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 KRP1H98 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 KRP1H98 box can be mounted on the unit.
Max. 2 PCB's can be mounted in 1 KRP1H98 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 KRP1H98 + 1 x valve control PCB EKRP1C11
FWC-B - 4-pipe unit: 2 x valve kit + 1 x installation box for PCB KRP1H98 + 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-wire and 4-wire 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	CZK	9.208,-	9.564,-	10.140,-	10.852,-	11.126,-	12.195,-	12.771,-	13.840,-	18.334,-	20.828,-
FWV**DTV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	CZK	15.566,-	15.977,-	16.498,-	17.210,-	17.567,-	18.635,-	19.348,-	20.417,-	25.487,-	27.981,-
FWV**DATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	CZK	12.497,-	12.853,-	13.428,-	14.141,-	14.415,-	15.484,-	16.279,-	17.347,-	21.979,-	24.473,-
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	1011	1393
Sound power level	dB(A)	47	49	50	48	48	52	53	56	61	67
FWV**DFN , 4 pipe unit, standard, without valves	CZK	10.633,-	11.126,-	11.620,-	12.497,-	12.908,-	13.922,-	14.991,-	16.142,-	21.047,-	23.486,-
FWV**DFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	CZK	22.116,-	22.691,-	23.185,-	23.979,-	24.473,-	25.487,-	26.555,-	27.624,-	33.187,-	35.681,-
FWV**DAFD6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	CZK	17.210,-	17.758,-	18.197,-	19.046,-	19.485,-	20.554,-	21.897,-	22.993,-	28.255,-	30.748,-
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	1362
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	CZK	on request									
3-way proportional on/off valves	CZK	on request									
2-way on/off 230V valve	CZK	on request									
2-way on/off 24V valves	CZK	on request									
2-way proportional on/off valve	CZK	on request									
4-rows coil (for 2 pipe unit only)	CZK	on request									
6-speeds fan motor	CZK	-								-	on r.
Electric heater (for 2 pipe unit only)	CZK	on request									

Factory mounted options		01	15	02	25	03	35	04	06	08	10
FWEC1A Standard version	CZK	on request									
FWEC2A Advanced version	CZK	on request									
FWEC3A Advanced Plus version	CZK	on request									
FWEC3AP Power control board	CZK	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 44.

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-wire and 4-wire 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	CZK	9.647,-	10.140,-	10.770,-	11.209,-	11.921,-	12.853,-	13.565,-	14.552,-	19.622,-	22.198,-
FWL**DTV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	CZK	15.922,-	16.416,-	16.991,-	17.484,-	18.197,-	19.211,-	20.060,-	21.047,-	26.610,-	29.186,-
FWL**DATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	CZK	12.853,-	13.346,-	13.977,-	14.497,-	15.210,-	16.142,-	16.991,-	17.978,-	23.185,-	25.706,-
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	1011	1393
Sound power level	dB(A)	47	49	50	48	48	52	53	56	61	67
FWL**DFN , 4 pipe unit, standard, without valves	CZK	11.209,-	11.784,-	12.140,-	13.072,-	13.565,-	14.991,-	15.785,-	16.854,-	22.417,-	24.829,-
FWL**DFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	CZK	22.554,-	23.048,-	23.486,-	24.418,-	24.911,-	26.336,-	27.131,-	28.118,-	34.338,-	36.750,-
FWL**DAFD6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	CZK	17.704,-	18.197,-	18.635,-	19.567,-	20.060,-	21.486,-	22.554,-	23.623,-	29.488,-	31.899,-
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	1362
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	CZK	on request									
3-way proportional on/off valves	CZK	on request									
2-way on/off 230V valve	CZK	on request									
2-way on/off 24V valves	CZK	on request									
2-way proportional on/off valve	CZK	on request									
4-rows coil (for 2 pipe unit only)	CZK	on request									
6-speeds fan motor	CZK	-								-	on r.
Electric heater (for 2 pipe unit only)	CZK	on request									

Factory mounted options		01	15	02	25	03	35	04	06	08	10
FWEC1A Standard version	CZK	on request									
FWEC2A Advanced version	CZK	on request									
FWEC3A Advanced Plus version	CZK	on request									
FWEC3AP Power control board	CZK	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 44.

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.

Concealed flexi type fan coil

FWM-D

AC fan motor unit for horizontal or vertical concealed mounting

- › 2-wire and 4-wire 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	CZK	7.783,-	8.276,-	8.578,-	9.208,-	9.482,-	10.195,-	10.633,-	11.620,-	15.347,-	17.402,-
FWM**DTV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	CZK	14.141,-	14.634,-	14.908,-	15.566,-	15.840,-	16.690,-	17.210,-	18.279,-	22.472,-	24.555,-
FWM**DATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	CZK	11.072,-	11.565,-	11.839,-	12.497,-	12.771,-	13.483,-	14.141,-	15.128,-	18.992,-	21.047,-
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	1011	1393
Sound power level	dB(A)	47	49	50	48	48	52	53	56	61	67
FWM**DFN , 4 pipe unit, standard, without valves	CZK	9.290,-	9.701,-	10.003,-	10.907,-	11.263,-	12.195,-	12.908,-	13.840,-	18.060,-	20.197,-
FWM**DFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	CZK	20.828,-	21.266,-	21.540,-	22.472,-	22.774,-	23.705,-	24.473,-	25.322,-	30.255,-	32.393,-
FWM**DAFD6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	CZK	15.840,-	16.279,-	16.635,-	17.567,-	17.841,-	18.772,-	19.841,-	20.691,-	25.267,-	27.405,-
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	1362
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	CZK										
3-way proportional on/off valves	CZK										
2-way on/off 230V valve	CZK										
2-way on/off 24V valves	CZK										
2-way proportional on/off valve	CZK										
4-rows coil (for 2 pipe unit only)	CZK										
6-speeds fan motor	CZK	-								-	on r.
Electric heater (for 2 pipe unit only)	CZK										
FWEC3AP - power control board	CZK										

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 44.

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









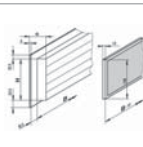
Independent power supply is necessary for 24 V valve. FWEC1/2/3A are not suitable to control 24 V valve.

Controller FWEC3A is necessary for proportional valve.

Cooling capacity is related to High Speed, standard unit.








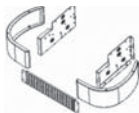


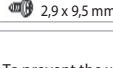


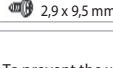


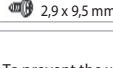






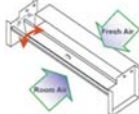

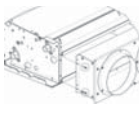
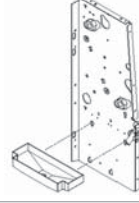





FWV – FWL – FWM

Accessories

Accessories as a kit 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	
	CZK		11.796,-					11.796,-		12.411,-	
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	
	CZK		10.399,-					10.175,-		10.483,-	
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	
	CZK		19.036,-					19.176,-		19.343,-	
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	
	CZK		2.796,-							2.796,-	
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							
	CZK		2.796,-								
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	
	CZK		7.211,-							7.211,-	
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							
	CZK		7.211,-								
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			
	CZK							531,-			
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	
	CZK		5.591,-		6.765,-			8.777,-		10.399,-	



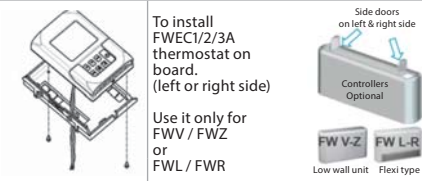
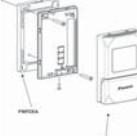


FWV – FWL – FWM

Accessories

Accessories as a kit for FWV/FWL/FWM				01	15	02	25	03	35	04	06	08	10																
Supporting feet		Kit contains:																											
			<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	✓	-																									
Supporting feet & grille			<table border="1"> <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>		0	1	✓	-		4	8	✓	✓		4	4	✓	✓	ESFVG02A6								ESFVG03A6	ESFVG06A6	ESFVG10A6
			0	1	✓	-																							
			4	8	✓	✓																							
	4	4	✓	✓																									
	<table border="1"> <tbody> <tr> <td></td> <td>4,2 x 13 mm</td> <td>4</td> <td>8</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>2,9 x 9,5 mm</td> <td>4</td> <td>4</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>		4,2 x 13 mm	4	8	✓	✓		2,9 x 9,5 mm	4	4	✓	✓	CZK								699,-	699,-						
	4,2 x 13 mm	4	8	✓	✓																								
	2,9 x 9,5 mm	4	4	✓	✓																								
			CZK	1.007,-	1.230,-	1.397,-	1.929,-																						
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															
			CZK	2.404,-	2.628,-	2.963,-	3.270,-																						
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		ERPVO2A6								ERPVO3A6	ERPVO6A6	ERPVO10A6															
			CZK	1.230,-	1.314,-	1.621,-	2.012,-																						
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																											
			CZK	2.879,-	3.186,-	4.025,-	5.507,-																						
Vertical auxiliary drainpan		Install it to collect condensation. Used for vertical FCUs		EDPVB6																									
			CZK	223,-																									
Horizontal auxiliary drainpan		Install it to collect condensation. Used for horizontal FCUs		EDPHB6																									
			CZK	223,-																									
Controller electro-mechanical, Built in		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		ECFWMB6																									
			CZK	1.314,-																									
Wired remote controller, Standard version		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)		FWEC1A																									
			CZK	3.103,-																									
Wired remote controller, Advanced version		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		FWEC2A																									
			CZK	4.500,-																									
Wired remote controller, Advanced Plus version		All functionality of FWEC2A, but additionally: - Management of BLDC fan motor - Management of proportional valve - Weekly timer programmed operating mode - Configurable digital outputs		FWEC3A																									
			CZK	6.122,-																									

FWV – FWL – FWM

Accessories

Accessories as a kit for FWV/FWL/FWM		01	15	02	25	03	35	04	06	08	10
Split type controller 	Power control board										
		CZK									4.669,-
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)										
		CZK									3.495,-
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										
		CZK									531,-
Wall mounting kit (spacing collar), for FWEC 1A /2A and 3A 	Wall mounting kit (spacing collar), for FWEC 1A /2A and 3A										
		CZK									392,-
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)										
		CZK									392,-
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.										
		CZK									699,-
Master / Slave interface 	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.										
		CZK									4.517,-

Floor standing fan coil

FWZ-A

Fan coil with DC fan motor

- › 2-wire and 4-wire 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	CZK	15.210,-	16.059,-	18.635,-	23.267,-
FWZ**ATV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	CZK	21.486,-	22.335,-	25.048,-	30.255,-
FWZ**AATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	CZK	18.416,-	19.348,-	22.061,-	26.829,-
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
FWZ**AFN , 4 pipe unit, standard, without valves	CZK	16.553,-	17.621,-	20.828,-	25.624,-
FWZ**AFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	CZK	27.898,-	28.912,-	32.173,-	37.545,-
FWZ**AAFD6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	CZK	23.048,-	24.062,-	27.624,-	32.694,-
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	1200	1660
Sound power level	dB(A)	62	70	64	71

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

Factory mounted options		02	03	06	08
FWEC3A Advanced Plus version	CZK	on request			
FWEC3AP power control board	CZK	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 51.

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-wire and 4-wire 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	CZK	15.840,-	17.210,-	19.841,-	25.322,-
FWR**ATV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	CZK	22.116,-	23.486,-	26.336,-	32.338,-
FWR**AATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	CZK	19.129,-	20.417,-	23.267,-	28.912,-
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
FWR**AFN , 4 pipe unit, standard, without valves	CZK	17.402,-	18.690,-	21.979,-	27.981,-
FWR**AFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	CZK	28.693,-	30.036,-	33.324,-	39.902,-
FWR**AAF6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	CZK	23.842,-	25.185,-	28.748,-	35.051,-
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	1200	1660
Sound power level	dB(A)	62	70	64	71

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

Factory mounted options		02	03	06	08
FWEC3A Advanced Plus version	CZK	on request			
FWEC3AP power control board	CZK	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 51.

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-wire and 4-wire 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	CZK	13.620,-	14.552,-	16.690,-	20.828,-
FWS**ATV , 2 pipe unit, with 3-way on/off 230V valve, factory mounted	CZK	19.923,-	20.773,-	23.185,-	27.843,-
FWS**AATD6V3--- , 2 pipe unit, with simplified 3-way on/off 230V valve, factory mounted	CZK	16.854,-	17.758,-	20.115,-	24.418,-
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	CZK	15.045,-	16.333,-	18.690,-	23.404,-
FWS**AFV , 4 pipe unit, with 3-way on/off 230V valves, factory mounted	CZK	26.336,-	27.624,-	30.036,-	35.325,-
FWS**AAF6V3--- , 4 pipe unit, with simplified 3-way on/off 230V valves, factory mounted	CZK	21.486,-	22.774,-	25.487,-	30.474,-
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	1200	1660
Sound power level	dB(A)	62	70	64	71

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

Factory mounted options		02	03	06	08
FWEC3A Advanced Plus version	CZK	on request			
FWEC3AP power control board	CZK	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 51.

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


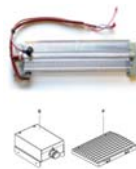







Independent power supply is necessary for 24 V valve. FWEC3A are not suitable to control 24 V valve.

Controller FWEC3A is necessary to control DC fan motor.

Cooling capacity is related to High Speed, standard unit.




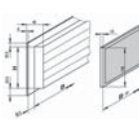







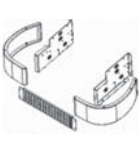
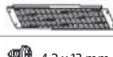

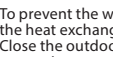
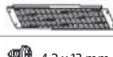

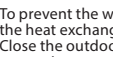
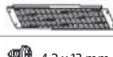

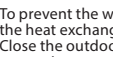
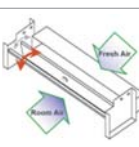

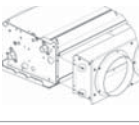


FWZ - FWR - FWS

Accessories

Accessories as a kit for FWZ/FWR/FWS			O2	O3	O6	O8																				
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																				
			CZK 2.012,-	2.404,-	2.628,-	3.495,-																				
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	CZK 8.162,-	8.610,-	9.169,-	9.476,-
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																				
			CZK 6.513,-		6.513,-	6.904,-																				
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																				
			CZK 11.796,-		11.796,-	12.411,-																				
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																				
			CZK 2.796,-			2.796,-																				
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																						
			CZK 2.796,-																							
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																				
			CZK 3.802,-		3.885,-	3.970,-																				
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																				
			CZK 7.072,-		7.211,-	7.296,-																				
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																				
			CZK 6.513,-		6.513,-	6.904,-																				





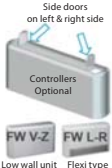



FWZ - FWR - FWS

Accessories

Accessories as a kit 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																							
	CZK	11.796,-		11.796,-	12.411,-																							
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																							
	CZK		2.796,-		2.796,-																							
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																									
	CZK		2.796,-																									
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																						
	CZK	5.591,-	6.765,-	8.777,-	10.399,-																							
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	✓	-																								
CZK		699,-			699,-																							
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>4,2 x 13 mm</td> <td>4</td> <td>8</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>2,9 x 9,5 mm</td> <td>4</td> <td>4</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>		ESFV	ESFVG	FWZ	FWS		0	1	✓	-		4,2 x 13 mm	4	8	✓	✓		2,9 x 9,5 mm	4	4	✓	✓		ESFVG02A6	ESFVG03A6	ESFVG06A6	ESFVG10A6
		ESFV	ESFVG	FWZ	FWS																							
	0	1	✓	-																								
	4,2 x 13 mm	4	8	✓	✓																							
	2,9 x 9,5 mm	4	4	✓	✓																							
CZK	1.007,-	1.230,-	1.397,-	1.929,-																								
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																						
	CZK	2.404,-	2.628,-	2.963,-	3.270,-																							
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		ERP02A6	ERP03A6	ERP06A6	ERP10A6																						
	CZK	1.230,-	1.314,-	1.621,-	2.012,-																							
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																										
CZK	2.879,-	3.186,-	4.025,-	5.507,-																								
Vertical auxiliary drainpan 	Install it to collect condensation. Used for vertical FCUs		EDPVB6																									
	CZK		223,-																									
Horizontal auxiliary drainpan 	Install it to collect condensation. Used for horizontal FCUs		EDPHB6																									
	CZK		223,-																									

FWZ - FWR - FWS

Accessories

Accessories as a kit for FWZ/FWR/FWS		02	03	06	08
<p>Wired remote controller, Advanced Plus version</p> 	<p>All functionality of FWEC1A/2A (see page 30), but additionally:</p> <ul style="list-style-type: none"> - Management of BLDC fan motor - Management of proportional valve - Weekly timer programmed operating mode - Configurable digital outputs 			FWEC3A	
		CZK			6.122,-
<p>Split type controller</p> 	<p>Power control board</p>			FWECSAP	
		CZK			4.669,-
<p>Control panel for remote or on board installation (connected to the power control board)</p> 	<p>All functionality of FWEC3A, but additionally:</p> <ul style="list-style-type: none"> - Master & Slave System on Conveyed Waves (CW) 			FWECSAC	
		CZK			3.495,-
<p>On board mounting kit, for FWEC*A, remote airprobe incl.</p> 	<p>To install FWEC1/2/3A thermostat on board. (left or right side)</p> <p>Use it only for FWV / FWZ or FWL / FWR</p>	 <p>Side doors on left & right side Controllers Optional FWVZ FWLR Low wall unit Flexi type</p>			FWECKA
		CZK			531,-
<p>Wall mounting kit (spacing collar), for FWEC 1A /2A and 3A</p> 	<p>Wall mounting kit (spacing collar), for FWEC 1A /2A and 3A</p>			FWFCKA	
		CZK			392,-
<p>Temperature sensor kit, for FWEC*A</p> 	<p>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)</p>			FWTSKA	
					392,-
<p>Relative humidity sensor kit, for FWEC2A and FWEC3A (temperature sensor kit is required)</p> 	<p>Bound together the air temperature remote probe, the installation of the humidity remote probe allows:</p> <ul style="list-style-type: none"> - To display on the controller the environment humidity - To select the Dehumidification function <p>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.</p>			FWHSKA	
		CZK			699,-

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	CZK	86.103,-	93.744,-	120.528,-

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	CZK	107.595,-	149.499,-	174.339,-

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	CZK	22.252,-

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 CZK
	Minimum	Maximum	ERQ100-	ERQ125-	ERQ140-	ERQ200-	ERQ250-	
EKEXV63	6,3	7,8	•	•				4.682,-
EKEXV80	7,9	9,9	•	•	•			4.985,-
EKEXV100	10,0	12,3	•	•	•	•		5.178,-
EKEXV125	12,4	15,4	•	•	•	•	•	5.453,-
EKEXV140	15,5	17,6		•	•	•	•	5.646,-
EKEXV200	17,7	24,6				•	•	6.141,-
EKEXV250	24,7	30,8				•	•	6.527,-

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 CZK
BRC1D52	Basic wired remote controller with weekly timer	•	•	3.167,-
BRC1E53A	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria		•	4.159,-
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		•	4.159,-
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		•	4.159,-
KRP4A51	Adaptor for external monitoring/control	•		5.067,-
RTD-20	Adaptor for external monitoring/control with 0-10VDC linear capacity control	•		11.980,-
KRCS01-1	External room temperature sensor	•		2.424,-
KRC19-26	Mechanical cool/heat selector	•	•	1.652,-
KJB111A	Fixing box for cool/heat selector	•	•	771,-

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

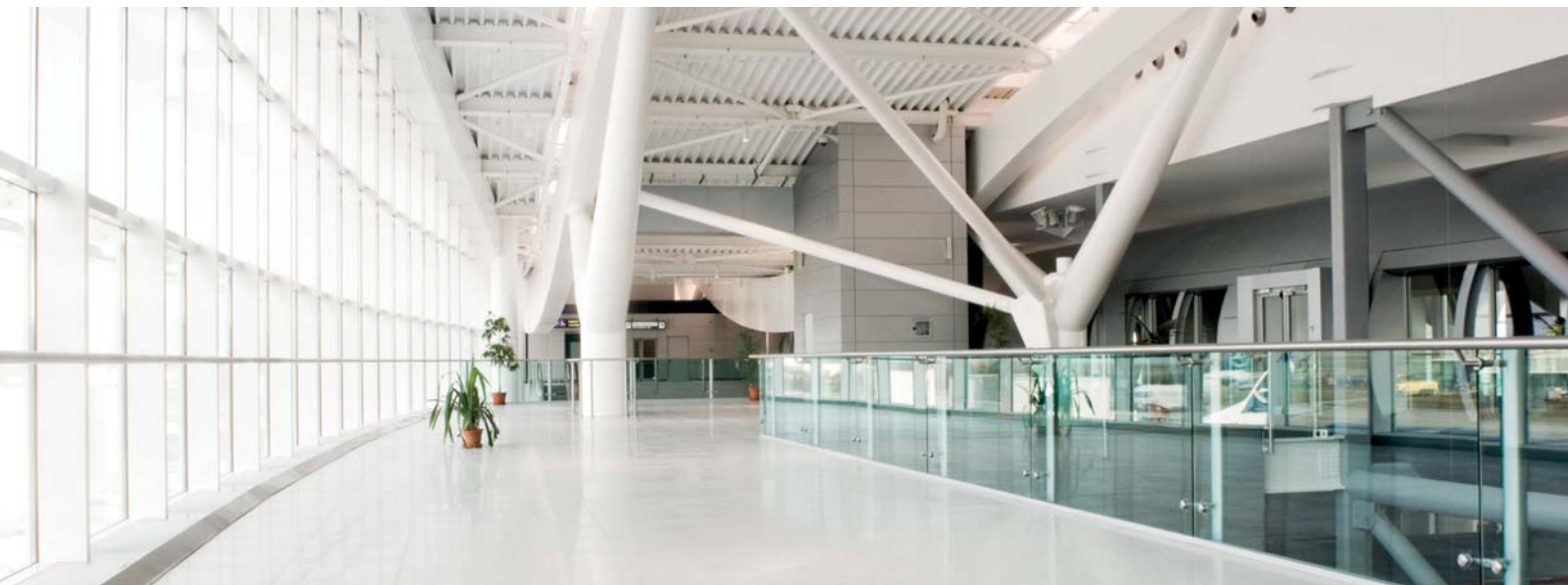
- › Pre-sized making selection, quotation, ordering easy
- › Connects directly to pre-selected Daikin DX outdoor units
- › IE premium efficiency motor
- › High efficiency heat wheel (heat recovery)
- › Compact design
- › Indoor air quality compliant with VDI hygiene guideline
- › Operating limits from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



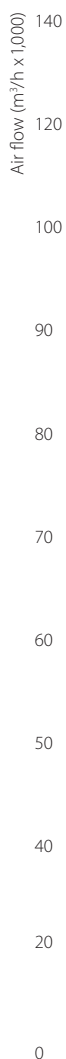
				ADT03FDI-80	ADT03FDI-100	ADT03FDI-125	ADT04FDI-125	ADT04FDI-140	ADT04FDI-200	ADT05FDI-200	ADT05FDI-250	
Airflow	Nominal Air Flow valid for Cooling (1) and Heating(2)		m ³ /h	2.200	2.700	3.200	3.600	4.100	4.700	5.500	6.200	
Expansion valve kit	Type Number			EKEXV80	EKEXV100	EKEXV125	EKEXV125	EKEXV140	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+	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/(m ³ /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				
	Depth	mm		990				1.200				
Weight			Kg	549				659				
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⁾		m ³ /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/(m ³ /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	1920				2.180		2.460		2.570
	Width	mm		2.980	3.100			3.150		2.980		3.100
	Depth	mm		1.400	1.600					1940		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 aluminum counter flow plate heat exchanger**
- › **Compact design**

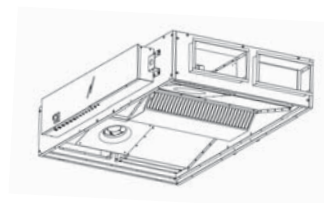


D-AHU
Modular P

500 m³/h
up to 15,000 m³/h

› Modular L

- › Pre-configured sizes
- › Plug and play concept
- › EC Fan technology
- › **High efficiency aluminum 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

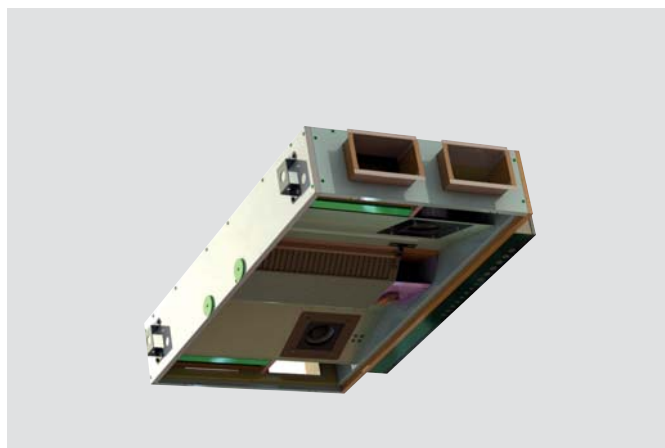


Result sp65	Eurovent Classification according to EN1886					
D1	Casing strength class Max. relative deflection mm x m ⁻¹	D1 4.00	D2 10.00	D3 EXCEEDING10		
L1	Casing air leakage class at -400 Pa Max. leakage rate (f ₄₀₀) l x s ⁻¹ x m ⁻²	L1 0.15	L2 0.44	L3 1.32		
L1	Casing air leakage class Max. leakage 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

ALB-R/LB

Premium efficiency heat recovery ventilation unit

- › 6 Predefined sizes
- › Compliant with VDI 6022
- › Exceeding ERP 2018 requirement
- › Inverter driven with IE4 premium efficiency motor
- › Up to 700 Pa max. ESP, depending on the model size and airflow
- › Premium quality counter flow plate heat exchanger
- › High grade aluminum allowing high grade corrosion protection
- › Standard units below are provided with: Siemens (Microtech) controller, aluminium counterflow plate heat exchanger, F7 filter on supply air , M5 filter on return air, step panel 50 mm of thickness mineral wool insulated

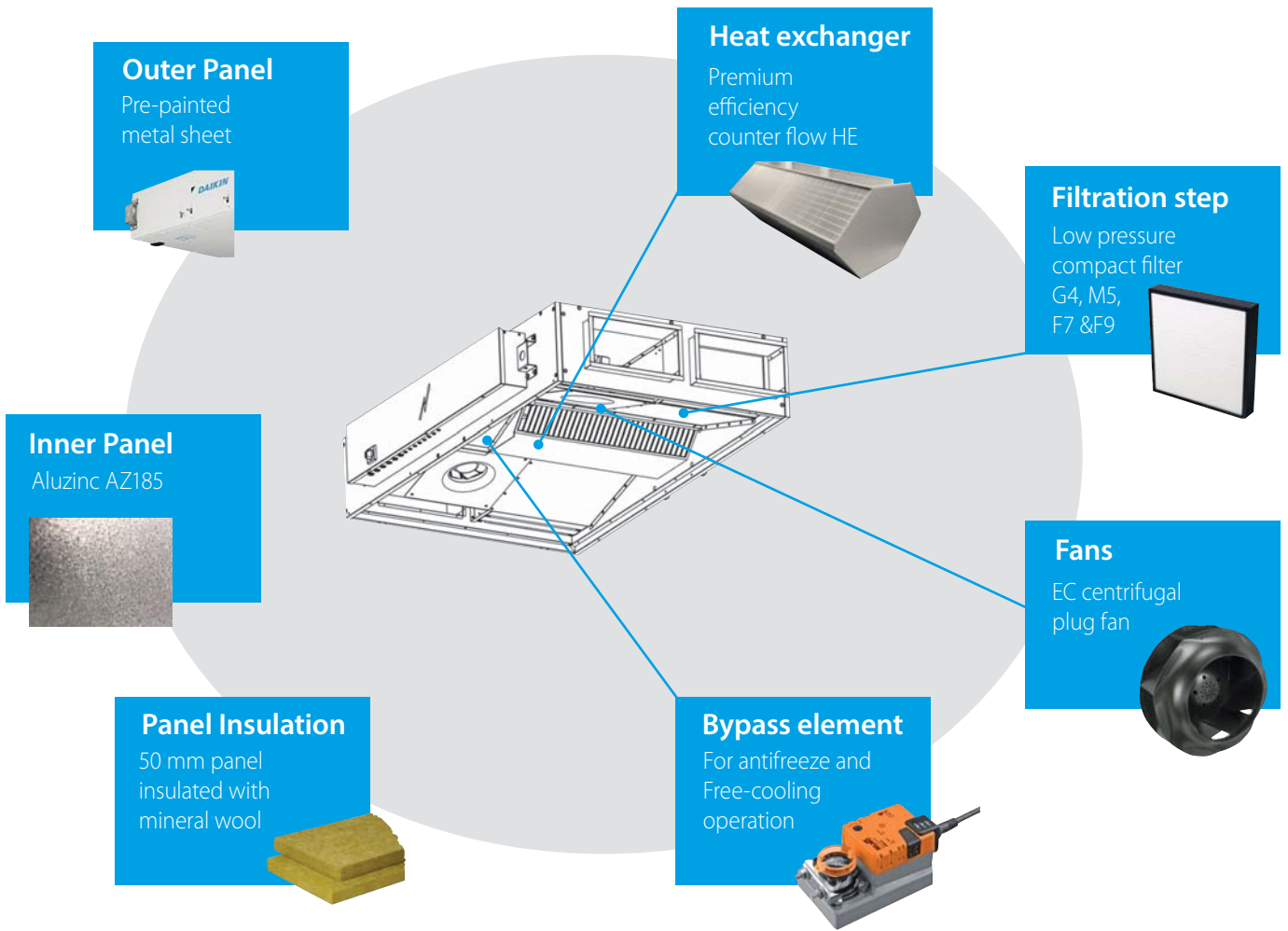


NEW		ALB-R/LB ⁽¹⁾	02	03	04	05	06	07	
		Price	CZK	168.606,-	198.824,-	260.916,-	291.465,-	373.142,-	397.112,-
Airflow		m ³ /h	300	600	1200	1500	2500	3000	
Thermal efficiency		%	89	89	89	89	90	89	
External static pressure	Nom.	Pa	100	100	100	100	100	100	
Current	Nom.	A	0,49	1,09	2,17	2,72	5,28	6,52	
Power input	Nom.	kW	0,11	0,25	0,5	0,63	1,22	1,5	
SFPv		kW/m ³ /s	1,35	1,5	1,5	1,5	1,75	1,8	
Max ESP	Nom.	Pa	300	700	500	350	550	450	
Electrical supply	Phase	ph	1	1	1	1	1	1	
	Frequency	Hz	50	50	50	50	50	50	
	Voltage	V	230	230	230	230	230	230	
Dimensions unit	Width	mm	920	1100	1600	1600	2000	2000	
	Height	mm	280	350	415	415	500	500	
	Length	mm	1660	1800	2000	2000	2000	2000	
Weight unit		kg	125	180	270	280	355	360	

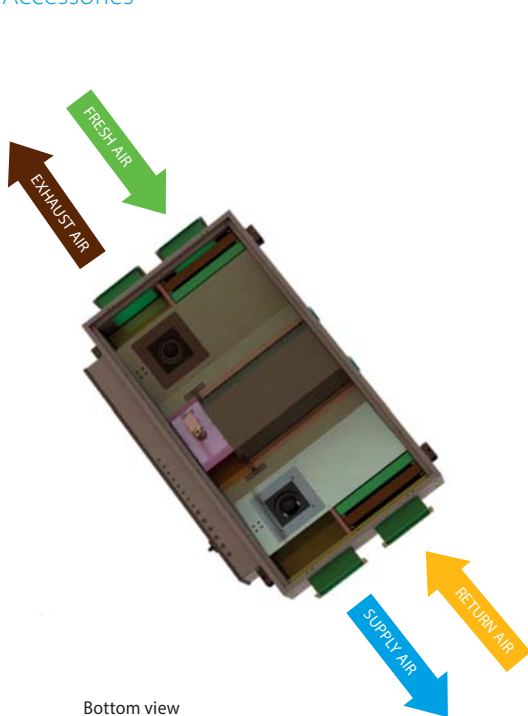
Accessories for ALB-R/LB		02	03	04	05	06	07	
	Compact filter	ALF02G4A	ALF03G4A	ALF05G4A	ALF07G4A			
		CZK 791,-	918,-	1.122,-	1.275,-			
		ALF02M5A	ALF03M5A	ALF05M5A	ALF07M5A			
		CZK 2.346,-	3.188,-	4.386,-	5.304,-			
		ALF02F7A	ALF03F7A	ALF05F7A	ALF07F7A			
CZK 2.397,-	3.392,-	4.463,-	5.381,-					
	Silencer 900 mm depth, rectangular	ALF02F9A	ALF03F9A	ALF05F9A	ALF07F9A			
		CZK 2.627,-	3.621,-	4.743,-	5.534,-			
	Probes - CO2	ALS0290A	ALS0390A	ALS0590A	ALS0790A			
		CZK 8.925,-	13.031,-	17.646,-	25.143,-			
	Probes - Humidity (%RH)	ALP00COA						
		CZK	19.686,-					
	Probes - Temperature	ALP00HUA						
		CZK	11.322,-					
	Coil module - Electric pre - heating	ALP00TEA						
		CZK	2.346,-					
	Coil module - Electric post - heating	ALD02HEFA	ALD03HEFA	ALD05HEFA	ALD07HEFA			
		CZK 52.428,-	54.672,-	72.879,-	95.472,-			
	Coil module - Water cooling (post - heating)	ALD02HESA	ALD03HESA	ALD05HESA	ALD07HESA			
		CZK 53.193,-	56.024,-	86.624,-	95.472,-			
	Coil module - Water heating (pre/post - heating)	ALD02CWSA	ALD03CWSA	ALD05CWSA	ALD07CWSA			
		CZK 34.910,-	40.367,-	48.731,-	66.734,-			
	Coil module - Water heating (pre/post - heating)	ALD02HWUA	ALD03HWUA	ALD05HWUA	ALD07HWUA			
		CZK 15.785,-	16.575,-	23.588,-	32.513,-			
	Rail	ALA02RLA	ALA03RLA	ALA05RLA	ALA07RLA			
		CZK 5.534,-	5.942,-	6.732,-	7.293,-			
	2-way valve water heating	ALV02HW2A	ALV03HW2A	ALV05HW2A	ALV07HW2A			
		CZK 2.117,-	2.346,-	3.111,-	3.392,-			
	3-way valve water heating	ALV02HW3A	ALV03HW3A	ALV05HW3A	ALV07HW3A			
		CZK 2.627,-	3.111,-	3.392,-	3.621,-			
	2-way valve water cooling	ALV02CW2A	ALV03CW2A	ALV05CW2A	ALV07CW2A			
		CZK 2.117,-	2.346,-	3.111,-	3.392,-			
	3-way valve water cooling	ALV02CW3A	ALV03CW3A	ALV05CW3A	ALV07CW3A			
		CZK 2.627,-	3.111,-	3.392,-	3.621,-			
	Modulating actuator	ALE00AMVA				On request		
		CZK						
	Module Bacnet Pol 908	ALC00908A				On request		
		CZK						
	Module Modbus Pol 902	ALC00902A				On request		
		CZK						
	Pol 822 Room unit	ALC00822A				On request		
		CZK						
	Module Pol 895 (Commissioning tool)	ALC00895A				on request		
		CZK						

Notes: (1) Preliminary data; R= right connection and L= left connection; nominal condition: Outdoor: -10°C,90% Indoor: 22°C,50%

Modular Light unique features



Accessories







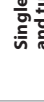





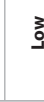


























Possible position of the element

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

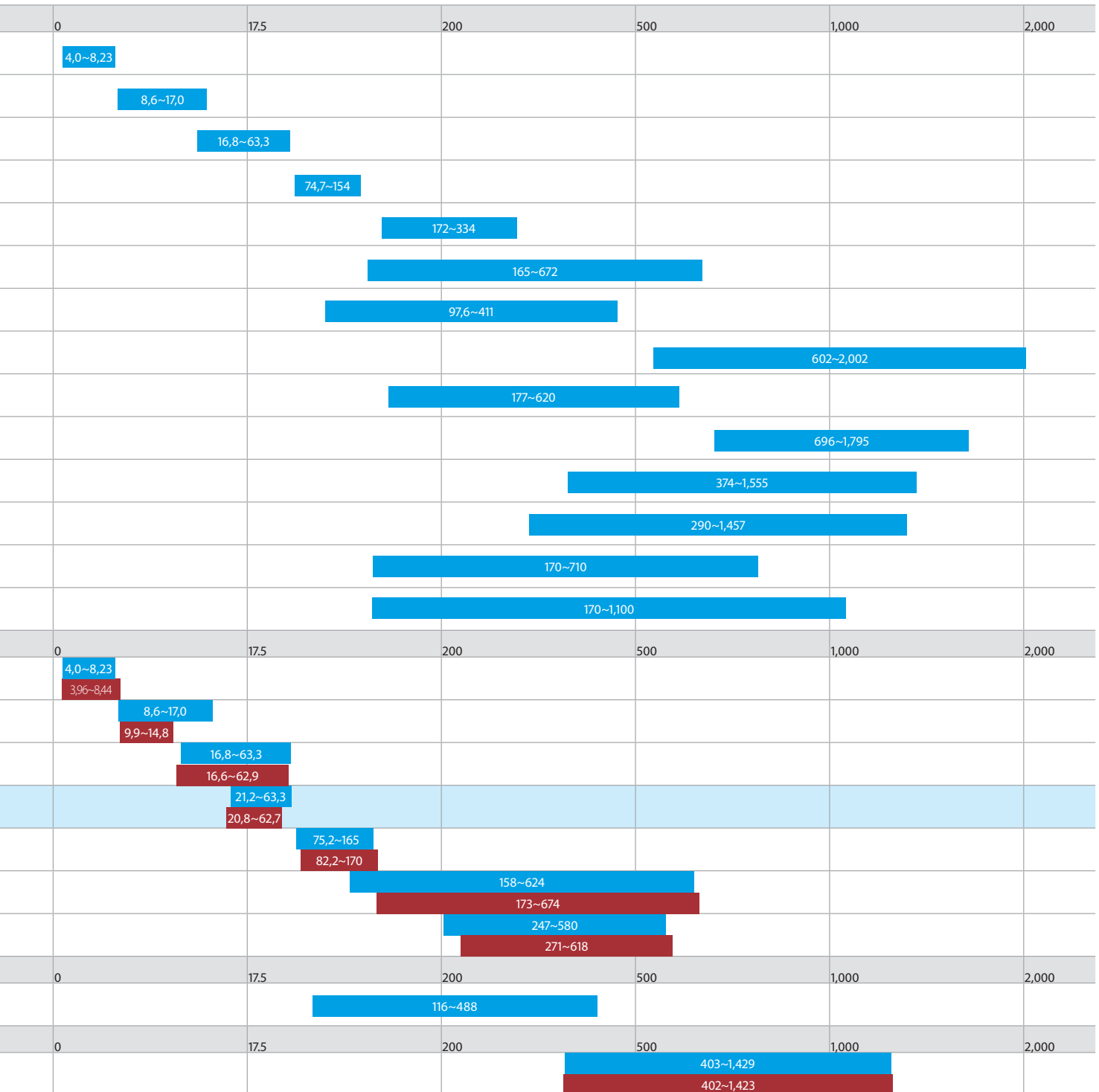
* Heating only

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 	High ambient 	Standard 	Low 	Reduced 
Cooling only																
EWAQ~BVP NEW 	R-410A	1	●		●				● BPHE	●				●		
EWAQ~ACV3/ACW1 	R-410A	1	●			●			● BPHE	●				●		
EWAQ~CWN/P NEW 	R-410A	1-2	●			●			● BPHE	●				●		
EWAQ~G- 	R-410A	1				●			● BPHE	●	●			●		●
EWAQ~E- 	R-410A	1				●			●		●			●	●	●
EWAQ~F- 	R-410A	2				●			●	●	●			●	●	●
EWAD~E- <i>(Not EU Compliant)</i> 	R-134a	1					●		●	●				●	●	
EWAD~C- <i>(Not all models EU Compliant)</i> 	R-134a	2-3					●		●	●	●	●		●	●	●
EWAD~D- <i>(Not EU Compliant)</i> 	R-134a	2					●	●	●	●	●		●	●	●	●
EWAD~CZ 	R-134a	2-3	●				●		●	●				●	●	●
EWAD~CF 	R-134a	2		●			●		●	●				●	●	●
EWAD~T-B NEW 	R-134a	2					●		●	●	●			●	●	●
EWAD~TZ 	R-134a	1-2	●				●	●	●	●				●		●
EWAD~TZ B 	R-134a	1-2	●				●	●	●	●	●			●	●	●
Heat pump																
EWYQ~BVP NEW 	R-410A	1	●		●				● BPHE	●				●		
EWYQ~ACV3/ACW1 	R-410A	1	●			●			● BPHE	●				●		
EWYQ~CWN/P NEW 	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					●			●				●	●	
Heat recovery																
EWYD~4Z A NEW 	R-134a	2	●				●		●		●			●	●	●

*Note: blue cells combination to be confirmed

Cooling capacity (kW)
Heating capacity (kW)



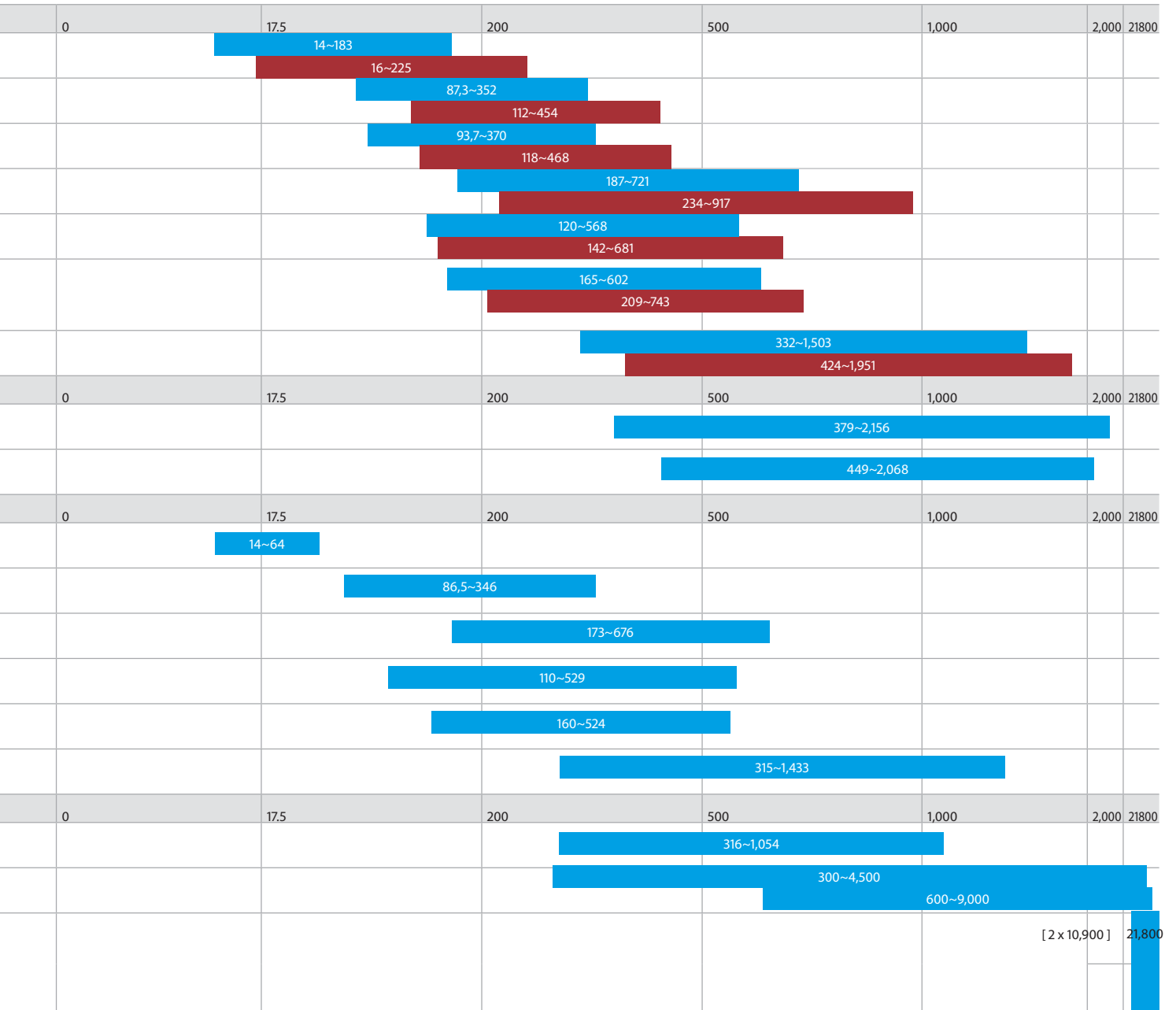
Products overview

	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)														
EWQ~KBW1N		R-410A	1-2-4-6		●			●			●			●
EWQ~G-		R-410A	1		●			●						
EWQ~G-		R-410A	1		●			●						●
EWQ~L-		R-410A	2		●			●						●
EWQ~J- <small>(Not EU Compliant from 310 to 560)</small>		R-134a	1-2			●		●						●
EWQ~G- <small>(EWQ~G-SS not EU Compliant from 320 to 600; EWQ320G-XS not EU compliant)</small>		R-134a	1-2			●			●		●			●
EWQ~I- <small>(Not EU Compliant)</small>		R-134a	1-2-3			●			●		●			●
Water cooled chillers (Cooling only)														
EWQ~B- <small>(Not EU Compliant)</small>		R-410A	1-2			●			●		●			●
EWQ~VZ		R-134a	1	●		●				●	●	●		●
Condenserless chillers														
EWLQ~KBW1N		R-410A	1-2		●			●			●			●
EWLQ~G-		R-410A	1		●			●			●			●
EWLQ~L-		R-410A	2		●			●			●			●
EWLD~J-		R-134a	1-2			●		●			●			●
EWLD~G-		R-134a	1-2			●			●		●			●
EWLD~I-		R-134a	1-2-3			●			●		●			●
Water cooled centrifugal chillers														
EWQ~FZ		R-134a	1	●			●		●		●			●
DWSC DWDC		R-134a	1	optional			●		●		●			●
6,000 RT CENTRIFUGAL		R-134a	2 per chiller				●		●		●			●

* (GWP) : R-410A (2087.5), R-134a (1430), R-407C (1773.9) - ** BPHE: Brazed plate heat exchanger

Water cooled and condenserless units

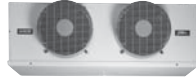
Cooling capacity (kW)
Heating capacity (kW)



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

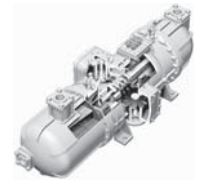


COMPRESSOR

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



Daikin Services

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



Intelligent remote monitoring



Upgrading / optimisation

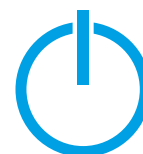
Keep the installation in top condition



Care Packages

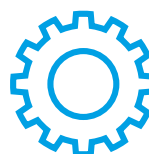


Installation support



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 [CZK]
Type					
Minichillers	1	1	swing	CE.S_COM_APS	on request
Multi-Scroll chillers	1	1-2	scroll	CE.S_COM_APS_S	on request
	2	2-4	scroll	CE.S_COM_APS_S	on request
Screw-Chillers air- & watercooled DX-version	1	1	screw	CE.S_COM_APS_S	on request
	2	2	screw	CE.S_COM_APS_M	on request
	3	3	screw	CE.S_COM_APS_M	on request
	4	4	screw	CE.S_COM_APS_M	on request
Screw-Chillers watercooled, flooded	1	1	screw	CE.S_COM_APS_M	on request
	1	2	screw	CE.S_COM_APS_L	on request
Centrifugal Chillers	1	1	centrifugal	CE.S_COM_APS_C	on request
	1	2	centrifugal	CE.S_COM_APS_C	on request
AHU	-	-	-		based on quotation

Additional Services & Materials

On Request		On Request
Labour rates		
Labour hour service engineer	CE.S_LA_HOUR	1.450,-
Labour hour service engineer +50%	CE.S_LA_HOUR50	2.175,-
Labour hour service engineer +100%	CE.S_LA_HOUR100	2.900,-
Labour hour service foreman	CE.S_LA_FOR	1.530,-
Labour hour project design	CE.S_LA_PRO	1.755,-
Normal working hours without surcharge	MON - FRI: 08:00 - 17:00	
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	18,-
Hourly rate for car travel	CE.S_TR_HOUR	700,-
Travel zone 1	CE.S_TR_Z1	2.220,-
Travel zone 2	CE.S_TR_Z2	4.160,-
Travel zone 3	CE.S_TR_Z3	6.930,-
Travel zone 4	CE.S_TR_Z4	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	10.875,-

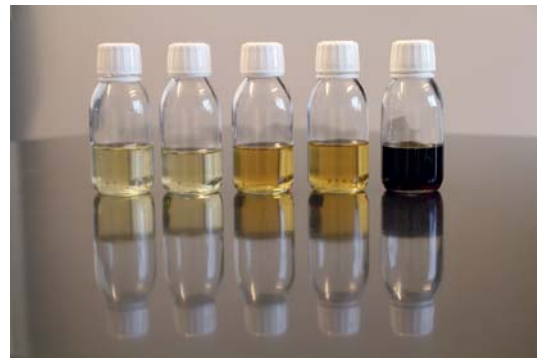
Maintenance

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	on request	on request	on request
Maintenance Multi-Scroll chiller, 1 circuit, up to 2 compressors	on request	on request	on request
Maintenance Multi-Scroll chiller, 2 circuits, 2-4 compressors	on request	on request	on request
Maintenance Screw-Chiller, 1 circuit, 1 compresor	on request	on request	on request
Maintenance Screw-Chiller, 2 circuits, 2 compressors	on request	on request	on request
Maintenance Screw-Chiller, 3 circuits, 3 compressors	on request	on request	on request
Maintenance Screw-Chiller, 4 circuits, 4 compressors	on request	on request	on request
Maintenance Centrifugal Chiller, 1 circuit, 1 compresor	on request	on request	on request
Maintenance Centrifugal Chiller, 1 circuit, 2 compressors	on request	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>



Daikin Academy

To ensure the quality and efficiency of the service we deliver, we continuously invest in the development of know-how and skills of our staff. We train and update them on the latest technical developments and service methods.

Daikin Central Europe also wants to support our partners and professionals to keep the service quality and efficiency at the highest possible level. Therefore we also provide various technical trainings and seminars to our partners and professionals.

Our trainings serve two different business needs and target groups:

Technical Service Product Trainings

These trainings are aimed for service technicians and engineers installing, commissioning, maintaining and servicing Daikin products. They are available only for Daikin direct customers (professional companies purchasing from Daikin).



Product Applications Seminars

These seminars are aimed at HVAC system designers and technical sales staff, transferring information on how to correctly design and apply systems with Daikin products

You want to learn more about how to keep your service at its best? Visit us on <http://www.daikin.at/xxx> to find out more about Daikin training offerings or contact us and let us know how we can help you!



VŠEOBECNÉ OBCHODNÍ PODMÍNKY

I. DEFINICE POJMŮ

Pro účely tohoto dokumentu mají níže uvedené pojmy níže uvedený význam:
„**B2B**“ znamená business-to-business, a tudíž vztah mezi společností DAIKIN a zákazníkem, který nevystupuje v uvedeném vztahu se společností DAIKIN jako spotřebitel.
„**B2C**“ znamená business-to-consumer, a tudíž vztah mezi společností DAIKIN a zákazníkem, který vystupuje v uvedeném vztahu se společností DAIKIN jako spotřebitel.
„**Cena**“ znamená kupní cenu a/nebo cenu díla, které je povinen zákazník uhradit dle smlouvy společnosti DAIKIN.
„**DAIKIN**“ či „**my**“ znamená obchodní společnost DAIKIN AIRCONDITIONING CENTRAL EUROPE – CZECH REPUBLIC spol. s r.o., se sídlem Budejovická 778/3a, Michle, 140 00 Praha 4, Česká republika, IČ: 480 39 497, zapsanou v obchodním rejstříku vedeném Městským soudem v Praze, oddíl C, vložce 15503.
„**Jednotka**“ znamená jakoukoliv chladicí a/nebo topenářskou a/nebo vzduchotechnickou a/nebo chladírenskou jednotku z prodejního portfolia společnosti DAIKIN v dané době.
„**Nabídka**“ znamená nabídku zboží a/nebo služeb, učiněnou společností DAIKIN zákazníkovi písemně dopisem a/nebo faxem a/nebo emailem a/nebo skrze online objednávkový systém společnosti DAIKIN.
„**Občanský zákoník**“ znamená zákon č. 89/2012 Sb., občanský zákoník, ve znění pozdějších předpisů.
„**Objedávka**“ znamená objednávku zboží a/nebo služeb, učiněnou zákazníkem u společnosti DAIKIN písemně dopisem a/nebo faxem a/nebo emailem a/nebo skrze online objednávkový systém společnosti DAIKIN, ledaže kontext, v jakém je tento pojem v těchto VOP použit, vyžaduje jiný význam tohoto pojmu.
„**Služby**“ znamenají jakékoliv služby z portfolia společnosti DAIKIN v dané době jako je instalace, uvedení do provozu, prohlídka, řešení problémů, oprava a údržba.
„**Smlouva**“ znamená jakoukoliv kupní smlouvu a/nebo smlouvu o dílo uzavřenou v B2B, v níž má společnost DAIKIN postavení prodávajícího a/nebo zhotovitele a zákazník postavení kupujícího a/nebo objednatele, jejímž předmětem je prodej (dodání) zboží a/nebo poskytnutí služeb DAIKINem zákazníkovi.
„**VOP**“ znamená tyto VŠEOBECNÉ OBCHODNÍ PODMÍNKY.
„**Zákazník**“ znamená jakoukoliv fyzickou a/nebo právnickou osobu, které společnost DAIKIN prodává (dodává) zboží a/nebo poskytuje služby.
„**Záruka**“ znamená nikoliv záruku za jakost ve smyslu § 2113 a násl. občanského zákoníku, ale tzv. materiálovou záruku, a tudíž záruku omezenou pouze a výlučně na bezplatnou dodávku přesně specifikovaných originálních dílů zn. DAIKIN k vadnému zboží, ze strany společnosti DAIKIN zákazníkovi.
„**Zboží**“ znamená jakékoliv zboží (jakoukoliv movitou věc) z prodejního portfolia společnosti DAIKIN v dané době.

II. OBECNÁ USTANOVENÍ

Tyto VOP vydává společnost DAIKIN. Tyto VOP naleznete na domovské stránce www.daikin.cz, jmenovitě na odkazu www.daikin.cz/vseobecne-obchodni-podminky.html. Tyto VOP se aplikují výlučně ve vztazích B2B. Ve vztazích B2C se aplikují samostatně obchodní podmínky.
Všechna práva a povinnosti z našich nabídek, prodejí (dodávek) zboží, poskytování služeb, a ze smluv se řídí těmito VOP. K iniciování procesu uzavření smlouvy může dojít buď nabídkou a/nebo objednávkou. Uzavření smlouvy zákazником, stejně jako i přijetí zboží a/nebo služeb zákazníkem, je považováno za bezvýhradně přijetí těchto VOP. Jakákoliv ujednání odchylnější od těchto VOP musejí být společností DAIKIN potvrzena písemně a řádně podepsána. Žádné všeobecné obchodní podmínky zákazníka se nepoužijí.
Části I – III a V těchto VOP se aplikují na prodej (dodání) zboží společností DAIKIN zákazníkovi. Části II, IV a V těchto VOP se aplikují na poskytnutí služeb společností DAIKIN zákazníkovi.

III. PODMÍNKY PRO PRODEJ (DODÁNÍ) ZBOŽÍ

1. NABÍDKA

Není-li v nabídce DAIKIN výslovně uvedeno jinak, jsou nabídky DAIKIN nezávazné. Znárodnění modelů, údaje o mírách, hmotnostech a technické údaje jsou nezávazné a podléhají změnám výrobců a modelů, přičemž tyto změny nejsou vadou.

2. OBJEDNÁVKY, ZMĚNA PŘEDMĚTU PLNĚNÍ

2.1 Zákazník je povinen objednávat u DAIKINu zboží objednávkou. Potvrzení doručení objednávky ze strany DAIKINu není potvrzením objednávky. K akceptaci objednávky zákazníka DAIKINem dochází písemným a/nebo emailovým a/nebo faxovým a/nebo skrze online objednávkový systém společnosti DAIKIN provedeným potvrzením objednávky zákazníka bez výhrad DAIKINem, resp. okamžikem, kdy se DAIKIN a zákazník shodnou bez výhrad na základě speciální objednávky (např. „multiple scroll“, „screw chiller“, vzduchotechnické jednotky atd.) se aplikují zvláštní podmínky na zrušení DAIKINem již akceptované objednávky nebo její části zákazníkem, příp. změnu DAIKINem již akceptované objednávky zákazníkovi, které jsou dostupné na www.daikin.cz/dokumenty/index.jsp (v sekci „VOP“). Tato pravidla se plně uplatní i na případy, kdy smlouva byla mezi DAIKINem a zákazníkem uzavřena na základě nabídky DAIKINu.

3. CENY A PLATEBNÍ PODMÍNKY

- Cena se sjednává ve výši:
 - v případě, že je smlouva uzavírána na základě nabídky DAIKINu, ve výši uvedené v takové nabídce;
 - v případě, že je smlouva uzavírána na základě objednávky zákazníka, dle ceníků a případné „Dohody o vzájemné spolupráci“ zákazníka s DAIKINem platných a účinných ke dni objednání zboží zákazníkem. Ceník DAIKIN se zpravidla aktualizují jednou ročně. Změny cen DAIKINem však zůstávají vyhrázeny i v průběhu roku. DAIKIN je tedy oprávněn jednostranně změnit ceník zboží a zavazuje se seznámit zákazníka s platnými ceníky (dopisem, emailem, faxem či publikací nového ceníku na domovské internetové stránce DAIKINu www.daikin.cz). Zákazník cenu zboží dle nového ceníku akceptuje svou objednávkou učiněnou za platnosti a účinnosti nového ceníku, který byl DAIKINem zákazníkovi oznámen a/nebo zprůhledněn (tj. např. tím, že zákazník objedná u DAIKINu zboží poté, co bude nově platný ceník poslán zákazníkovi anebo publikován na domovské internetové stránce DAIKINu ve smyslu výše uvedeného).
- Ceny se rozumí netto bez jakýchkoli daní, poplatků nebo odvodů v uvedené měně včetně balného, není-li uvedeno jinak, na předem ve smlouvě dohodnuté místo určení. DAIKIN nepřijímá zpět jakkoliv obaly a balící materiál.
- Není-li v konkrétní smlouvě výslovně sjednáno jinak, je zákazník povinen zaplatit DAIKINu cenu zboží na základě DAIKINem vystavené faktury.
- DAIKIN si vyhrazuje právo na částečné vyúčtování.
- K reklamaci faktur, doručeným DAIKINu později než 2 týdny po obdržení faktury, se nepřihlíží. Není-li uvedeno v konkrétním případě jinak, činí splatnost faktur třicet (30) dní od data vystavení faktury, přičemž dnem platby je den připsání příslušné fakturované platby bez srážek na účet DAIKINu. V případě prodloužení záruky s úhradou ceny je zákazník povinen uhradit DAIKINu splnou pokutu ve výši 0,05 % denně z dluzné částky za každý i započatý den prodloužení. Tím není dotčeno právo DAIKINu na náhradu škody v plném rozsahu. Dále je DAIKIN v případě prodloužení záruky oprávněn požadovat po zákazníkovi náhradu veškerých nákladů spojených s vymáháním pohledávky, zejména výlohy na upomínky a inkasní náklady a zákazník je povinen tyto na výzvu DAIKINu nejpozději do pěti (5) dnů v plné výši uhradit.
- V případě sjednání splátek na úhradu ceny se DAIKIN a zákazník ve smyslu § 1931 občanského zákoníku dohodli, že nesplní-li zákazník některou splátku, má DAIKIN právo na vyrovnání celé pohledávky. Toto právo může DAIKIN uplatnit nejpozději do splatnosti nejbližší příští splátky.
- DAIKIN je oprávněn podmínit expedici zboží platbou předem, a to v jakékoliv výši až do 100 % ceny.
- Zákazník není oprávněn bez předchozího písemného souhlasu DAIKINu zdržovat platby a/nebo jednostranně započítat jakékoliv své pohledávky za DAIKINem na cenu zboží či jakoukoliv jinou pohledávku DAIKINu za zákazníkem.
- DODACÍ LHŮTA**
- Není-li výslovně uvedeno jinak, dodací lhůty uvedené v nabídce jsou pouze orientační a nezávazné, DAIKIN však usiluje o dodržení uvedených lhůt. Prodloužení s dodáním zboží oproti nabídce proto nemají za následek např. nároky na náhradu škody, resp. újmy, ani neopravňují k odstoupení od smlouvy. Totéž platí, jestliže dodací lhůty nebyly dodrženy v důsledku vyšší moci, stávky nebo jiných událostí, které DAIKIN nemůže ovlivnit.
- Požadavky zákazníka na smluvní pokuty či jiné penále jsou vyloučeny.

- Dílčí dodávky DAIKINem zákazníkovi jsou přípustné. Při dílčí (částečné) dodávce nenáleží zákazníkovi náhrada nákladů částečnou dodávkou způsobených.
- Je-li zákazník v prodloužení jakoukoliv splatnou platbou vůči DAIKINu, je DAIKIN oprávněn zdržet a pozastavit dodávky zboží zákazníkovi až do okamžiku úhrady všech splatných závků zákazníka vůči DAIKINu, aniž by byl povinen nahradit zákazníkovi případné vzniklou újmu. V takovém případě není DAIKIN v prodloužení s plněním svého závazku k dodání zboží.
- PREVZETÍ DOBÁVKY, PŘECHOD NEBEZPEČÍ ŠKODY NA ZBOŽÍ, PRODLÍŽENÍ S PREVZETÍM**
- Dodávky zboží se provádějí, není-li sjednáno něco jiného, podle dodací doložky CIP dle Incoterms 2010 na předem dohodnuté místo určení.
- Dodávky zboží podle dodací doložky CIP pokrývají pouze minimální přepravní náklady. Zvláštní pojištění pro přepravu zboží se uzavírá pouze po zvláštní písemné dohodě a na náklady zákazníka.
- Zákazník je povinen zkontrolovat bez zbytečného odkladu zboží, zda nedošlo ke škodám při přepravě a zapsat případná poškození obalu nebo zboží přímo do přepravního listu. Není-li v konkrétním případě sjednáno DAIKINem se zákazníkem písemně jinak, pak v případě, že bude doprava (převážka) zboží realizována na žádost zákazníka prostřednictvím dopravce zjednaného zákazníkem, podpis dodacího listu zboží přepravcem se pro účely převzetí zboží a splnění smlouvy ze strany DAIKIN považuje za podpis zákazníka.
- Zákazník souhlasí, že v případě, že bude zboží DAIKINem přepravováno k zákazníkovi externím přepravcem zjednaným DAIKINem (zejména, ale nikoliv pouze, GEBRÜDER WEISS spol. s r.o.), bude se potvrzení přepravního listu tohoto přepravce ze strany zákazníka považovat za potvrzení převzetí zboží uvedeného na dodacím listu DAIKINu, na něž přepravní list přepravce odkazuje, ze strany zákazníka, když tento dodací list DAIKINu doručí DAIKINu zákazníkovi vždy před dodáním zboží písemně a/nebo faxem a/nebo emailem. Číslo dodacího listu DAIKINu je uvedeno na přepravních listech přepravce (zejména, ale nikoliv pouze, GEBRÜDER WEISS spol. s r.o.).
- Dostane-li se zákazník do prodloužení s převzetím zboží, je DAIKIN s výhradou ostatních práv oprávněn zákazníkem objednané zboží vyúčtovat jako dodané či s ním nakládat dle vlastního uvážení (tj. např. prodat jej třetí osobě). V takovém případě počíná doručením písemného požadavku zákazníka na dodávku původně zákazníkem objednaného zboží běžet nová dodací lhůta v délce sjednané v původní smlouvě.
- Dodání zboží zůstává vlastnictvím DAIKINu až do úplného zaplacení ceny zboží zákazníkem.
- Zákazník je povinen písemně upozornit každou třetí osobu, která by chtěla nakládat a/nebo nakládat se zbožím (a to jak v právním, tak i faktickém smyslu), k němuž má DAIKIN výhradu vlastnictví, že toto zboží je ve vlastnictví DAIKINu a zabránit třetí osobě v nakládání s takovým zbožím.
- Zákazník není rovněž oprávněn se zbožím s výhradou vlastnictví DAIKINu nakládat jiným způsobem neslučitelným s výhradou vlastnictví DAIKINu (např. zajišťovací převod vlastnického práva, zastavení zboží).
- O zabavení nebo jiných omezeních zboží s výhradou vlastnictví DAIKINu je zákazník povinen DAIKIN bez zbytečného odkladu, nejpozději však do následujícího pracovního dne, písemně vyrozumět. Jakékoliv související náklady hraď zákazník.
- Uplatnění § 2133 občanského zákoníku se vylučuje.
- ZÁRUKA**
- za vady, příp. absenci garantovaných vlastností odpovídá DAIKIN s vyloučením dalších nároků, není-li v konkrétním případě se zákazníkem písemně dohodnuto jinak, takto:
 - Záruční doba ze záruky činí 36 měsíců ode dne dodání zboží, s následujícími výjimkami:
 - u zboží pod značkou „Daikin Applied Systems“, „Zanotti“, „J&E Hall International for Daikin“, „Tewis“, „Hubbard“ a jiného, které je typicky vyráběno na základě speciální objednávky zákazníka, jako jsou chillery, aplikovaná tepelná čerpadla, kondenzační jednotky (vybavené spirálovými, sroubovými nebo odstředivými kompresory), ventilátory jednotky, vzduchotechnické jednotky / střešní jednotky, chladicí kondenzační jednotky je zákazníkovi poskytována záruka v délce 12 měsíců od data fakturace, a to pouze v případě, když uvedení do provozu provádí společnost DAIKIN sama a/nebo její provádí společnost a osoba certifikovaná společností DAIKIN – v opačném případě není poskytována zákazníkovi žádná záruka;
 - u zboží označeného „Daikin Convenipack“ je zákazníkovi poskytována záruka v délce 36 měsíců od data fakturace, a to pouze v případě, když uvedení do provozu provádí společnost DAIKIN sama – v opačném případě není poskytována zákazníkovi žádná záruka;
 - u zboží označeného „Daikin Altherma“ činí zákazníkovi poskytována záruka obecně 24 měsíců od data fakturace s tím, že v případě pravidelné údržby a autorizovaného servisu dle pokynů DAIKIN, dostupných na domovské internetové stránce www.daikin.cz, se poskytuje zákazníkovi prodloužená záruka 84 měsíců od uvedení do provozu, maximálně však 90 měsíců od data fakturace;
 - u zboží označeného „Daikin Altherma Flex“ je zákazníkovi poskytována záruka obecně 24 měsíců od data fakturace s tím, že v případě pravidelné údržby a autorizovaného servisu dle pokynů DAIKIN, dostupných na domovské internetové stránce www.daikin.cz, se poskytuje zákazníkovi prodloužená záruka 84 měsíců od uvedení do provozu, maximálně však 90 měsíců od data fakturace pouze v případě, když uvedení do provozu provádí společnost DAIKIN sama – v opačném případě není poskytována zákazníkovi žádná záruka.
 - Aniž by tím byly dotčeny další podmínky aplikující se na specifické zboží dle čl. III, bodu 7, odst. 7.1 podbodů (i) – (v) těchto VOP, záruka je poskytována a zákazník má nárok na záruční plnění pouze za předpokladu, že zboží dodané DAIKINem zákazníkovi je instalováno a zároveň uvedeno do provozu přímo společností DAIKIN či osobou vyškolenou a písemně pověřenou k provádění těchto činností společností DAIKIN, a to v souladu s názovem DAIKIN, a zároveň je bez výjimky dodržován pravidelný servis a údržba zboží v souladu se servisními pokyny a/nebo provozními instrukcemi společnosti DAIKIN.
- Záruka a/nebo odpovědnost DAIKINu za vady zboží v intencích občanského zákoníku jsou vyloučeny, jestliže zákazník písemně neoznámí zjevné vady zboží do 3 pracovních dnů po dodání zboží, ostatní vady bez odkladu po zjištění, v každém případě však nejpozději ve lhůtách stanovených občanským zákoníkem.
- V případě vad zboží, na něž se vztahuje záruka, se DAIKIN zavazuje, že vadné zboží příp. vadné díly podle volby a uvážení DAIKIN vymění nebo opraví. Nároky na záruční plnění nad rámec těchto VOP nebo jakékoliv jiné opatření k nápravě či nároky ze záruky neexistují. V souladu s koncepcí materiálové záruky dle těchto VOP se pracovní doba, doba stravená na cestě, dodávky jako chladivo a chladicí média, glykoly a lubrikanty nebo jiné náklady (za instalaci, dovybavení) nenahrazují. DAIKIN na základě svého vlastního uvážení může poskytnout čas od času softwaru a/nebo hardware. Aktualizace může zahrnovat opravy chyb a vylepšení, stejně jako upgrade a posílení. Jsou zákazníkovi poskytovány ve strojevčetně číselné a instalovatelné formě, včetně pokynů k instalaci. Po zákazníkovi je požadováno, aby aktualizaci instaloval na své vlastní náklady v přiměřené době. Zákazník je výlučně odpovědný za jakékoliv újmy způsobené a DAIKIN nepřijímá žádnou odpovědnost ani záruku z titulu a za újmy vzniklé v důsledku porušení povinnosti.
- Záruka a/nebo odpovědnost DAIKINu za vady zboží v intencích občanského zákoníku je navíc k případům uvedeným v čl. III, bodu 7, odst. 7.1 až 7.4 těchto VOP vyloučena zejména v případě vad zboží, které vznikly nevhodným nebo neodborným užíváním nebo zacházením se zbožím, neodborným provozním podmínkám nebo servisních směrnic, nadměrným namáháním nebo nevhodnými provozními prostředky nebo nevhodnými výměnnými látkami neopokrytými DAIKINem. Záruka se také nevztahuje na běžné opotřebení opotřebitelných částí, včetně, nikoliv však výlučně, filtrů, trysk hořáku, uhlíkových kartáčků motorů, spojek, elektrod, ochranných anod, UV sond, roštů, oleje či jiného spotřebního zboží.
- K provedení veškerých nutných záručních zásahů musí být DAIKINu ze strany zákazníka poskytnut potřebný čas a součinnost. Při dalším používání vadného zboží se záruka a/nebo odpovědnost DAIKINu vztahuje pouze na původní vadu. Náklady na odstranění vad zboží, provedené bez písemného předchozího souhlasu DAIKIN třetí osobou, se nenahrazují. Odpovědnost za následky takových odstranění vad je ze strany DAIKINu vyloučena.
- Záruka pro náhradní díly činí 6 měsíců od dodání.
- Při odstranění vady nezačíná běžet záruční doba pro vyměněné nebo opravené díly znovu.
- V případě, že je zákazník v prodloužení s úhradou ceny zboží, není DAIKIN povinen odstranit zákazníkem uplatněné vady zboží, za něž DAIKIN odpovídá, a to až do okamžiku, dokud zákazník nesplní své platební závazky vůči DAIKINu. Zákazník není oprávněn, ani při oprávněných reklamacích, z tohoto důvodu pozastavit platbu ceny zboží či jiné splatné platby vůči DAIKINu.
- Při dodání a montáži výrobků třetích stran (cizích výrobků) se záruka omezuje na postoupení nároků na záruční plnění, které má DAIKIN vůči dodavateli cizích výrobků (třetí stranám). Další nároky zákazníka na záruční plnění, zejména na snížení ceny, jsou vyloučeny. U výrobků níže uvedených je záruka poskytována následovně:
Na zařízení suchých chladiců a kondenzátorů firmy CABERO je poskytována záruka 24 měsíců ode

- dne dodání těchto výrobků zákazníkovi, cena za prodloužení záruky je 1,5% z ceny bez DPH, za kterou společnost DAIKIN prodala zákazníkovi předmětné výrobky firmy CABERO, za každých 12 měsíců (maximálně však 7 let).
- Na zařízení suchých chladiců a kondenzátorů firmy GÜNTNER je poskytována záruka 24 měsíců ode dne dodání těchto výrobků zákazníkovi, cena za prodloužení záruky na:
- (i) 36 měsíců je 2% z ceny bez DPH, za kterou společnost DAIKIN prodala zákazníkovi předmětné výrobky firmy GÜNTNER;
 - (ii) 48 měsíců je 5% z ceny bez DPH, za kterou společnost DAIKIN prodala zákazníkovi předmětné výrobky firmy GÜNTNER;
 - (iii) 60 měsíců je 9% z ceny bez DPH, za kterou společnost DAIKIN prodala zákazníkovi předmětné výrobky firmy GÜNTNER.
- Na zařízení suchých chladiců a kondenzátorů firmy LUBE je poskytována záruka 36 měsíců ode dne dodání těchto výrobků zákazníkovi.
- 7.11 Společnost DAIKIN je oprávněna požadovat, aby zákazník součásky, o nichž je uplatněná reklamací tvrdí, že jsou nefunkční, poskytl společnosti DAIKIN pro bližší prozkoumání (šetření), kterážto povinnost zahrnuje rozbití, vadné či předpokládané poškozené zboží, díly či systémy. V případě, že prozkoumání (šetření) odhalí, že reklamacie zákazníka je nedůvodná a nárok je zamítnut (např. součástka byla poškozena v důsledku externích faktorů, nedostatku údržby, součástka funguje řádně atd.), je společnost DAIKIN oprávněna po zákazníkovi požadovat úhradu poplatků za prozkoumání (šetření) a/nebo přepravu.
- 7.12 V případě vyřešení uplatněné reklamacie (ať již z titulu vad zboží při předání či z titulu vad zboží, za něž DAIKIN odpovídá ze záruky) výměnou zboží či jeho části vyměněné zboží či jeho část přechází do vlastnictví DAIKINU, a to na základě vylučného uvažení a rozhodnutí DAIKINU.
- 7.13 Jakékoliv reklamacie či nároky z titulu vad krytých zárukou je zákazník povinen uplatnit u DAIKINU písemně.
- 8. NÁHRADA ÚJMY**
- Na náhradu újmy se uplatní obecné právní předpisy s tím, že právo zákazníka na náhradu újmy, resp. povinnost k náhradě újmy a výše náhrady újmy ze strany DAIKINU, se omezují maximální částkou rovnající se kupní ceně zboží, s jehož dodáním DAIKINEM zákazníkovi předmětná újma souvisí (v důsledku jehož dodání DAIKINEM zákazníkovi újma vznikla). Omezení uvedené v předchozí větě se nevztahuje na právo zákazníka na náhradu újmy způsobené DAIKINEM v případech uvedených v ustanovení § 2898 občanského zákoníku.
- 9. VRÁCENÍ ZBOŽÍ**
- 9.1 Zákazník je oprávněn zboží vrátit a/nebo vyměnit pouze na základě předchozího písemného souhlasu DAIKINU, přičemž i v případě, že se DAIKIN dle svého vylučného uvažení rozhodne vratku zboží akceptovat, akceptuje vrácení zboží pouze v min. hodnotě 2 500 Kč bez DPH a max. hodnotě 1 250 000 Kč bez DPH za předpokladu, že toto zboží není poškozeno, nebylo použito, je zabalené v originálních obalech a je v takových podmínkách umožňujících jeho další prodej. Zejména vrácení již nainstalovaného zboží (včetně chillerů) a speciálně vyrobených produktů (zboží) včetně náhradních dílů nebude v žádném případě ze strany ze strany DAIKINU akceptováno.
- 9.2 V případě, že si zákazník přeje vrácet návrh na vrácení a/nebo výměnu zboží, je povinen vyplnit formulář „Požadavek na vrácení zboží“, dostupný na www.daikin.cz a doručit jej (faxem nebo mailem) do DAIKINU na jim určenou adresu nejpozději do desíti (10) dnů od dodání zboží.
- 9.3 Zákazník je v případě, že DAIKIN souhlasí s vrácením a/nebo výměnou zboží, povinen doručit zboží na své nebezpečí a náklady do místa určeno DAIKINEM.
- 9.4 V každém případě vrácení a/nebo výměny zboží bude zákazníkovi dobropisováno maximálně 80 % ceny bez DPH, za niž DAIKIN toto zboží prodal zákazníkovi. Všechny standardní vratky budou předmětem poplatků za přeškradení/administrativních poplatků ve výši 20 % z ceny dotčeného zboží bez DPH.
- 9.5 Všechny vratky zboží DAIKIN prověří. Jestliže zboží není vráceno v souladu s těmito VOP (viz. čl. III, bod 9, odst. 9.1 až 9.4 těchto VOP), je DAIKIN oprávněn bez dalšího odmítnout vratku zboží a vrátit zboží zpět zákazníkovi na náklady a nebezpečí zákazníka. Alternativně k uvedenému v předchozí větě je DAIKIN oprávněn účtovat zákazníkovi vyšší náklady na přeškradení zboží/administrativní poplatky než je 20 % z ceny dotčeného zboží bez DPH dle čl. III, bodu 9, odst. 9.4 těchto VOP.
- 9.6 Jakýkoliv DAIKINEM vystavený dobropis, resp. pohledávka zákazníka za DAIKINEM z takto vystaveného dobropisu, bude vždy započtena oproti pohledávkám DAIKINU za zákazníkem, které vzniknou z budoucích dodávek zboží DAIKINEM zákazníkovi, a tedy žádná jiná forma úhrady pohledávek zákazníka za DAIKINEM z vystaveného dobropisu není přípustná, nestanoví-li DAIKIN v konkrétním případě jinak.
- 10. INSTALACE**
- Zákazník odpovídá za instalaci zboží a jeho uvedení do provozu a za odbornou přípravu svých zaměstnanců, zástupců (zmocněnců) a subdodavatelů a ostatních osob určených k instalaci zboží a jeho uvedení do provozu a za dodržování všech příložených pokynů a návodů.
- 11. ŽIVOTNÍ PROSTŘEDÍ, POVOLENÍ**
- 11.1 Zákazník je povinen uhradit všechny náklady, poplatky a jiné výdaje spojené s vyřazením, opravou, recyklací a likvidací všech částí zboží. Zákazník není oprávněn požadovat ani částečnou náhradu těchto nákladů po DAIKINU.
- 11.2 Zákazník je povinen získat a dodržovat všechny relevantní licence, povolení a souhlasy od příslušných orgánů a postupovat v souladu s jakýmkoliv oprávněným orgánem v souvislosti s uskládním, instalací, obsluhou, užíváním, udržováním, opravou, dopravou, vyřazením, náhradou a případnou likvidací zboží.
- 11.3 Pokud zákazník prodává celé zařízení či jeho část jině straně, může s touto stranou uzavřít dohodu podobné této.
- 12. DŮVĚRNOST INFORMACÍ**
- 12.1 Všechny písemné či ústní informace a/nebo doporučení týkající se zboží nebo našeho podnikání, poskytnuté DAIKINEM zákazníkovi, nesmí být sděleny žádné třetí straně bez předchozího písemného souhlasu DAIKINU. To neplatí v rozsahu, v jakém jsou tyto informace a/nebo doporučení veřejně známé, aniž by byly porušeny tyto VOP, nebo pokud a pokud je takové zveřejnění stanoveno zákonem.
- 12.2 Zákazník se dále zavazuje, že neporuší obchodní tajemství DAIKINU, o kterém se dozví v souvislosti s obchodním vztahem. Zároveň se zavazuje, že zajistí dodržování obchodního tajemství DAIKINU i obchodními partnery zákazníka. Tyto povinnosti neplatí v rozsahu, pokud a pokud je zveřejnění informací tvořících obchodní tajemství DAIKINU stanoveno zákonem.
- 12.3 Zákazník je povinen okamžitě oznámit společnosti DAIKIN jakékoliv zveřejnění požadované zákonem a DAIKIN je oprávněn vyhledat adekvátní náhradu k zamezení takovému zveřejnění. Pokud DAIKIN sledá takový požadavek na zveřejnění neodpodstatněným, zákazník se zavazuje (na své vlastní náklady) plně spolupracovat.
- 13. PRÁVA DŮVĚRNOSTI VLASTNICTVÍ**
- 13.1 Zákazník nemá žádná práva k jakémukoliv dovoznímu vlastnictví DAIKINU nebo DAIKINU licencovanému.
- 13.2 Zákazník nesmí dovolit zakrytí či odstranění jakékoliv ochranné známky, návodu či varování umístěného na zboží.
- 13.3 Všechny užitné vzory, vzorky, modely, experimentální zařízení, marketingové nástroje, příslušenství či jiné předměty spojené se zbožím nebo s jeho vývojem a tvorbou zůstávají ve vlastnictví DAIKINU, musí s nimi být zacházeno jako s důvěrnými a nesmí být kopírovány, zveřejňovány či jinak reprodukovány bez předchozího písemného souhlasu DAIKINU.
- 14. OSOBNÍ ÚDAJE**
- 14.1 Osobní údaje zákazníka získané v souvislosti se smlouvou budou elektronicky uloženy a zpracovány pro účely plnění (vyřízení) smlouvy, poskytnutí zboží a služeb zákazníkovi, správy vztahu mezi DAIKINEM a zákazníkem, pro vnitřní zpracování a účtnictví a pro právní účely. Pro některé z těchto účelů může být třeba sdílet zákaznicková data se třetími stranami, avšak vždy zajistíme, aby údaje byly třetími stranami zachovávaný v důvěrnosti a chráněny.
- 14.2 Zákazník souhlasí s využitím služeb agentur/pojišťoven pro zjišťování úveruschopnosti či společnosti zbývajících se vymáháním pohledávek za účelem zhodnocení finanční situace zákazníka DAIKINEM a s předáním svých údajů (jméno/název, adresa, kontaktní údaje, jméno/název vlastníka, informace o objednávkách vč. historie objednávek, platební morálka, zákaznicková bilance) za tímto účelem společně s Atradius Credit Insurance N.V., organizační složka, se sídlem Praha 8 – Karlín, Karolinská 661/4, PSČ 186 00, Zweigniederlassung Österreich, CRIF GmbH, Österreich, Akzeptanz Inkasso GmbH či jiných.
- 14.3 Zákazník dále souhlasí s použitím osobních údajů (jméno/název, adresa, kontaktní údaje, údaje o objednávce) společností DAIKIN a ostatními členy skupiny (uvedenými na www.daikin.com) pro marketingové účely a pro spojení se zákazníkem prostřednictvím telefonu, emailové adresy, SMS či pomocí jiné služby ohledně zboží a služeb, které mohou být v oblasti zájmu zákazníka. Zákazník může kdykoliv svůj souhlas odvolat. Detaily a konkrétní aplikace jsou dostupné v rámci našich B2B & B2C zásad ochrany soukromí, dostupných na www.daikin-ce.com.
- 15. SOUDNÍ PRÍSLUŠNOST, ROZHODNÉ PRÁVO**
- 15.1 Veškeré spory, které vzniknou mezi DAIKINEM a zákazníkem, budou řešeny obecným soudem s místní příslušností dle sídla DAIKINU.
- 15.2 Veškeré smlouvy a smluvní vztahy, jakož i veškeré spory vzniklé v souvislosti s těmito smlouvami

- a smluvními vztahy, se řídí právem České republiky s vyloučením jeho kolizních norem. Úmluva OSN o smlouvách o mezinárodní koupi zboží (tzv. Vídeňská úmluva) se nepoužije ani části.
- 15.3 Práva a povinnosti DAIKINU a zákazníka, které nejsou výslovně a/nebo odchylně upraveny příslušnou smlouvou či těmito VOP, se řídí občanským zákoníkem a ostatními právními předpisy v mezích jejich působnosti.
- 16. SALVATORSKÁ KLAUZULE**
- V případě neplatnosti nebo neúčinnosti jednotlivých ustanovení těchto VOP nebo smlouvy zůstává platnost a účinnost zbývajících ustanovení nedotčena. Neplatná či neúčinná ustanovení budou nahrazena takovými přípustnými ustanoveními, která jsou sjednané vůli stran nejlépe.
- 17. OSTATNÍ UJEDNÁNÍ**
- 17.1 V případě, že bude proti zákazníkovi zahájeno insolvenční řízení a/nebo zákazník vstoupí do likvidace, stejně jakož i v případě, že se zákazník dostane do předání s plněním jakýchkoliv svých povinností a/nebo závazků podle těchto VOP a/nebo smlouvy, je DAIKIN oprávněn od smlouvy odstoupit a/nebo pozastavit plnění veškerých svých závazků ze smlouvy, a to až do doby, než zákazník řádně splní veškeré své povinnosti ze smlouvy pro něj vyplývající, a to aniž by DAIKIN byl povinen nahradit zákazníkovi případné vzniklou újmu.
- 17.2 Zákazník je oprávněn postoupit jakékoliv pohledávky za DAIKINEM na třetí osobu pouze s předchozím písemným souhlasem DAIKINU.
- 17.3 DAIKIN je oprávněn kdykoliv postoupit smlouvy nebo všechna či pouze některá svá práva a povinnosti ze smlouvy na třetí osobu, s čímž zákazník uzavřením předmětné smlouvy s DAIKINEM souhlasí.
- 17.4 Veškerá práva DAIKINU plynoucí z uzavřených smluv se promlčují v promlčovací lhůtě v trvání desíti (10) let ode dne, kdy právo mohlo být uplatněno poprvé.
- 17.5 Zákazník na sebe ve smyslu ustanovení § 1765 odst. 2 a § 2620 odst. 2 občanského zákoníku přebírá nebezpečí změny okolností.
- 17.6 Vylučuje se aplikace ustanovení § 1799 a 1800 občanského zákoníku.
- 17.7 Společnost DAIKIN se zákazníkem činí nesporným, že veškerá ujednání těchto VOP a smlouvy odpovídají obchodním zvyklostem a zásadám poctivého obchodního styku.

IV. PODMÍNKY PRO POSKYTNUTÍ SLUŽEB

Pro naše poskytnutí služeb jako je instalace, uvedení do provozu, prohlídka, řešení problémů, oprava a údržba, se uplatní následující podmínky:

- 1. ROZSAH SLUŽEB**
- 1.1 Konkrétní rozsah poskytovaných služeb je vždy specifikován naší nabídkou, námi potvrzenou objednávkou zákazníka, resp. smlouvou. Jakékoliv dodatečné služby, které nebudou výslovně uvedeny v naší nabídce, námi potvrzené objednavce zákazníka, resp. smlouvy, a budou námi poskytnuty na základě žádosti zákazníka, budou zákazníkovi samostatně účtovány a jím společnost DAIKIN zaplacené podle našeho příslušného ceníku, a to nad rámec ceny. Shodně platí, pokud potřebu poskytnutí dalších služeb ukáže prohlídka na místě.
- 1.2 V případě vzdáleně spravovaných jednotek provedeme úkon jen tehdy, pokud tak budeme zákazníkem instruováni, anebo pokud je takový úkon předem písemně dohodnut se zákazníkem.
- 1.3 Služby poskytujeme pouze pro zařízení a jejich komponenty námi dodané a/nebo vyrobené. Rozsah poskytovaných služeb tedy nezahrnuje zkoušky komponent třetích stran, zkoušku těsnosti průvodních trubek vytvořených zákazníkem, zkoušku elektrického napájení a/nebo připojení, ani hydraulické nastavení jednotek. V případě jednotek sestávajících z komponent třetích stran, námi poskytované služby nezahrnují prohlídku celé jednotky. V takovém případě nebudeme zejména kontrolovat, zda je jednotka kompletní a zda jsou její bezpečnostní zařízení (mechanismus) v souladu s příslušnými předpisy a stavem techniky.
- 1.4 Nejsme povinni kontrolovat správnost informací a dokumentů poskytnutých či dodaných zákazníkem (např. popisy jednotek, nákresy).
- 2. ODHADY NÁKLADŮ**
- 2.1 Naše odhady nákladů jsou pouze orientační a nezávazné, a tedy ani u rozpočtu se nezaručuje jejich úplnost a jeho nezávazné.
- 2.2 Poskytneme-li odhad nákladů či balíčkovou nabídku, zavazujeme se získat předchozí souhlas zákazníka ve vztahu k jakýmkoliv nezbytným dodatečným pracím, které mohou být identifikovány jen po provedení prací, jsou nezbytné pro dosažení provozuschopnosti, a přesahují 10% celkové ceny.
- 3. PŮVÍNNOST K SOUČINNOSTI**
- 3.1 Zákazník je povinen zajistit, že nám bude včas a bezplatně poskytnuta jakákoliv a veškerá součinnost nezbytná pro poskytnutí služeb, k jejichž poskytnutí jsme se zavázali.
- 3.2 Zákazník je povinen zajistit zejména požadovaný přístup k jednotkám. Zákazník je povinen poskytnout na své náklady a výdaje jakékoliv a veškeré nezbytné technické zdroje (např. zdroj napájení), ledaže má být takové zdroje na základě specifického ujednání poskytnuty přímo námi. Zákazník je povinen zajistit, že příslušné místo plnění bude dostatečně osvětleno. Pokud tak budeme požadovat, zákazník je povinen poskytnout žebříky a lešení, které umožní našim pracovníkům jednoduchý a bezpečný přístup k místu plnění. Místo plnění musí být jednoduše přístupné s vozidlem zákaznického servisu.
- 3.3 Zákazník je povinen poskytnout veškeré nezbytné informace a dokumenty s cílem umožnit bezproblémové poskytnutí sjednaných služeb. Před započítím provádění služeb je zákazník povinen zejména oznámit jakékoliv a veškeré změny provedené zákazníkem či třetí stranou oproti standardnímu nastavení, kontrolnímu systému a jiným parametrům, stejně jako je povinen oznámit jakékoliv poškození jednotky, které je mu známo.
- 3.4 Jakmile je jednotka uvedena do provozu, je zákazník rovněž povinen poskytnout zdroje, na které odkazujeme v příslušných podmínkách.
- 3.5 V případě, že zákazník neposkytuje řádnou součinnost, jsme oprávněni naše práce přerušit. Nadto, zákazník je povinen nést jakékoliv a veškeré s tím spojené vícenásobné, a to včetně ztráty času našich pracovníků, kteří nemohou být takto narychlo zaměstnáni jinak, stejně jako jakékoliv a veškeré náklady na další čas na cestě, a to vše dle sazeb dle našeho příslušného ceníku.
- 4. CENY A PLATEBNÍ PODMÍNKY**
- 4.1 Ceny služeb se řídí ceníkem servisních služeb platným a účinným v době učinění objednávky, ledaže naše nabídka stanoví jinak.
- 4.2 Obecně, služby budou DAIKINEM zákazníkovi účtovány a zákazník DAIKINU placeny podle skutečně stráveného času na základě dohodnutých hodinových sazeb, s připočtením cestovních nákladů kalkulovaných paušální sazbou či na základě skutečně stráveného času (ráno a čas).
- 4.3 Naše služby poskytujeme standardně ve dnech pondělí až pátek od 8.30 hod k 16.30 hod odpoledne. Za služby poskytnuté mimo tyto standardní servisní časy je zákazník povinen navíc zaplatit společnosti DAIKIN příplatek ve výši 50% z regulérních cen. Za služby poskytnuté v neděli, ve státní a ostatní svátky, a dále za služby poskytnuté v době od 20.00 hod večer do 7.00 hod ráno je zákazník povinen navíc zaplatit společnosti DAIKIN příplatek ve výši 100% z cen.
- 4.4 Náhradní díly budou zákazníkovi DAIKINEM účtovány a zákazník DAIKINU zaplacené podle ceníku platného a účinného v den výměny komponentu jednotky. Náhradní díly zůstávají vlastnictvím DAIKINU až do úplného zaplacení fakturované ceny zákazník DAIKINU.
- 4.5 DAIKIN vystaví fakturu pro provedení služeb či po písemné dohodě se zákazníkem.
- 4.6 Je-li již DAIKINEM potvrzená objednávka zákazníkem odvolána, resp. zrušena, či jsou-li místo plnění / jednotka nepřístupné či nedostupné, je zákazník povinen zaplatit společnosti DAIKIN stornoplatek ve výši 50% hodnoty objednávky a dále cestovní výdaje, nejmeně však 6 750,- Kč. Tato pravidla se plně uplatní i na případy, kdy smlouva byla mezi DAIKINEM a zákazníkem uzavřena na základě nabídky DAIKINU.
- 4.7 Nebudou – listanoveno jinak, faktury jsou splatné beze srážek ihned po jejich vystavení společností DAIKIN.
- 4.8 V ostatním se uplatní čl. III, bod 3 těchto VOP (CENY A PLATEBNÍ PODMÍNKY) mutatis mutandis.
- 5. ZÁRUKY**
- 5.1 Veškeré služby budou provedeny kvalifikovanými pracovníky.
- 5.2 Záruka a/nebo odpovědnost DAIKINU za vady služeb v intencích občanského zákoníku jsou vyloučeny, jestliže zákazník písemně neoznámí zjevné vady do 3 pracovních dnů po poskytnutí služeb, ostatní vady bez odkladu po zjištění, v každém případě však nejpozději ve lhůtách stanovených občanským zákoníkem.
- 5.3 V ostatním se uplatní čl. III, bod 7 těchto VOP (ZÁRUKA) mutatis mutandis.
- 6. RŮZNÉ**
- Na poskytnutí služeb se uplatní mutatis mutandis ustanovení těchto VOP upravující podmínky pro prodej (dodání) zboží, zejména pak ty, které upravují dodací lhůtu, výhradu vlastnictví, záruku, náhradu újmy, životní prostředí a povolení, osobní údaje, soudní příslušnost a rozhodné právo, a ostatní ujednání. Tyto se tak tudíž použijí rovněž na práva a povinnosti smluvních stran ve vztahu k poskytnutí služeb DAIKINEM zákazníkovi, které nejsou výslovně a/nebo odchylně upraveny čl. IV těchto VOP.

V. ZÁVĚREČNÁ USTANOVENÍ

Tyto VOP nabývají platnosti a účinnosti dnem 1. dubna 2018, ruší bez dalšího Všeobecné obchodní podmínky DAIKIN ze dne 1. dubna 2017, a jejich platnost a účinnost není časově omezená.

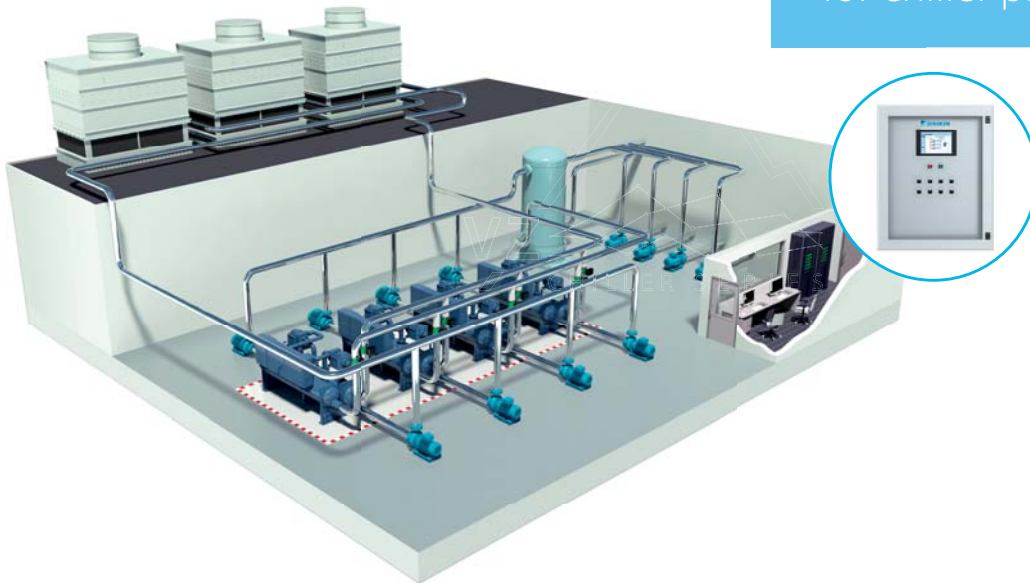
Obchodní podmínky společnosti Daikin jsou k dispozici také na internetu na webových stránkách www.daikin.cz

DAIKIN AIRCONDITIONING CENTRAL EUROPE - CZECH REPUBLIC SPOL. S R. O.

Budějovická 778/3a, 140 00 Praha 4-Michle, Česká republika • Tel.: +420 221 715 700, Fax: +420 221 715 701, Email: office@daikin.cz, Web: www.daikin.cz

iCM intelligent chiller manager

for chiller plant rooms



Factory-engineered system control to manage a chiller plant room



Availability

Determines whether chillers are available or not, based on:

- › Inputs from the chiller unit controllers
- › Modbus communication status
- › Pump status

Sequencing

Optimises the order in which available chillers are turned on and off depending on operating hours, energy efficiency, etc.

Staging

Calculates **energy-optimal stage-up/stage-down** of the chiller by determining the increased capacity demand by capacity control, compensation of temperature and rotation. This function aims at providing the most energy-efficient combination of chillers on a continuous basis.

Stopping Last Chiller/Recycling

Captures a rise in demand when the **last chiller is staged down**, by operating the pump dedicated to the next ON chiller at a minimum VFD frequency.

Min/Max Operating Chiller Setting

Ensures that the number of operating chillers always **stays within a certain range**, regardless of changes in demand.

Maximise reliability and lifetime Control and monitor your plant room remotely

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Budějovická 778/3a, 140 00 Praha 4 – Michle · Tel.: +420 221 715 700, Fax: +420 221 715 701 · e-mail: office@daikin.cz · www.daikin.cz

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