

FANCOILS

An energy-efficient solution
for modern climate





Fancoils

An energy-efficient solution
for modern climate

Fancoils are an integral part of modern climate control systems, providing efficient cooling and heating for indoor spaces.

They are perfect for residential, commercial, and office spaces, maintaining a comfortable indoor climate with minimal energy consumption.



Why choose our fancoils

Energy efficiency

Modern models are equipped with high-quality heat exchangers, ensuring high heat transfer and energy savings.

Installation versatility

Different installation types allow fancoils to be adapted to any interior and technical requirements.

Stylish design

The modern look of the devices fits perfectly into any space, adding aesthetic appeal.

Ease of use

Multi-purpose operating and control modes create a comfortable temperature in the room.

EC fan technology

Innovative EC motors save up to 50% of electricity compared to conventional asynchronous motors. They offer more precise speed control, lower noise levels, and a longer service life thanks to reduced wear on parts. Thanks to the high efficiency of EC motors, fancoils operate stably even at low loads, ensuring optimum comfort and savings.



Universal fancoils



Cassette fancoils



Wall-mounted fancoils

Standard size			
20	2.09 kW	2 kW	2.2 kW
30	3.06 kW	2.7 kW	3 kW
32			
40	3.89 kW	3.7 kW	4 kW
46			
50	4.74 kW	5 kW	4.8 kW
58			
60	5.73 kW	5.6 kW	5.7 kW
65			
80	7.79 kW	7.1 kW	7 kW
100	9.35 kW	9.1 kW	
120	11.1 kW	11 kW	
140	13.08 kW	12.6 kW	
150			
160			
170		15.3 kW	
180			
200			
250			
310			
360			
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Ultra-thin fancoils



High-pressure inline fancoils

Standard size		
20	1.05 kW	
30		
32	1.98 kW	
40		
46	2.89 kW	
50		
58	3.62 kW	
60		6.1 kW
65	4.13 kW	
80		7.5 kW
100		9 kW
120		11.5 kW
140		13.5 kW
150		13.5 kW
160		13.68 kW
170		
180		15.8 kW
200		16.68 kW
250		20.8 kW
310		27 kW
360		31.4 kW
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Universal fancoils

These are universal devices that can be ceiling-mounted (exposed installation in a decorative casing or flush-mounted) or floor-mounted.

They are suitable for large rooms where air flows need to be distributed evenly.



Air flow:
200–2450 m³/h



Cooling capacity:
1.55–13.08 kW



Key features

- High cooling/heating capacity and air flow.
- Even air distribution thanks to the wide rotation angle of the louvers in the casing (up to 75°).
- Robust design made of galvanized steel for durability and safety.
- Easy installation and maintenance.
- Equipped with EC fans by default for maximum energy efficiency and low noise levels.



Universal fancoils with AC motor, two-pipe

Specification	Standard size	20	30	40	50	60	80	100	120	140	
Air flow	High	m ³ /h	400	590	750	920	1080	1490	1750	2060	2450
	Medium	m ³ /h	310	450	560	690	810	1120	1320	1540	1840
	Low	m ³ /h	200	300	370	460	540	750	870	1030	1230
Total cooling capacity [kW]	High		2.09	3.06	3.89	4.74	5.73	7.79	9.35	11.10	13.08
	Medium		1.78	2.57	3.32	4.03	4.89	6.64	7.95	9.45	11.16
	Low		1.55	2.29	2.91	3.56	4.28	5.85	7.10	8.35	9.83
Apparent cooling capacity [kW]	High		1.47	2.11	2.72	3.33	4.10	5.47	7.46	7.84	9.37
	Medium		1.29	1.81	2.31	2.86	3.53	4.65	6.49	6.90	8.15
	Low		1.00	1.37	1.77	2.30	2.83	3.61	5.00	5.25	6.37
Heating capacity [kW]	High		3.13	4.25	5.84	7.12	8.58	11.69	14.03	16.64	19.63
	Medium		2.54	3.40	4.73	5.77	6.95	9.47	11.50	13.64	15.90
	Low		1.91	2.55	3.50	4.34	5.15	7.13	8.56	9.98	11.78
Power consumption	12 Pa-V		34	46	55	70	87	117	140	181	223
	30 Pa-V		42	56	70	81	101	149	165	202	241
	50 Pa-V		46	65	82	89	109	163	201	228	286
Max. current	A	0.21	0.30	0.37	0.40	0.50	0.74	0.91	1.04	1.30	
Static pressure	Pa	12 Pa/30 Pa/50 Pa									
Noise level [dBA]	12 Pa-V	36	38	40	42	44	45	47	49	51	
	30 Pa-V	39	41	43	45	46	47	49	51	53	
	50 Pa-V	41	43	45	46	48	49	51	53	55	
Water flow	kg/h	370	540	680	830	990	1350	1610	1920	2250	
	l/s	0.103	0.150	0.189	0.231	0.275	0.375	0.447	0.533	0.625	
Hydraulic pressure	kPa	10	18	19	23	24	23	36	21	35	
Fan type	-	Forward curved blades									
Motor	Type	Four-speed AC									
	Protection class	B									
	Power supply	220~230 V/ 1 ph / 50-60 Hz									
Heat exchanger	Type	Copper pipes with aluminum fins									
	No. of coils	3									
	Max. running pressure	1.6 MPa									
Water inlet/outlet	-	3/4" F									
Drain hole	-	Φ20									
Dimensions W/L/H [mm]	Horizontal without casing	645*450*225	795*450*225	875*450*225	945*450*225	1095*450*225	1395*450*225	1545*450*225	1695*450*225	1995*450*225	
	Horizontal with casing	850*246*505	1000*246*505	1080*246*505	1150*246*505	1300*246*505	1600*246*505	1750*246*505	1900*246*505	2200*246*505	
	Vertical without casing	745*225*579	895*225*579	975*225*579	1045*225*579	1195*225*579	1495*225*579	1645*225*579	1795*225*579	2095*225*579	
	Vertical with casing	850*246*634	1000*246*634	1080*246*634	1150*246*634	1300*246*634	1600*246*634	1750*246*634	1900*246*634	2200*246*634	
Packaging dimensions W/L/H [mm]	Horizontal without casing	675*480*245	825*480*245	905*480*245	975*480*245	1125*480*245	1425*480*245	1575*480*245	1720*480*245	2025*480*245	
	Horizontal with casing	875*260*530	1075*260*530	1105*260*530	1175*260*530	1325*260*530	1625*260*530	1775*260*530	1925*260*530	2225*260*530	
	Vertical without casing	870*240*600	910*240*600	990*240*600	1060*240*600	1210*240*600	1510*240*600	1660*240*600	1810*240*600	2110*240*600	
	Vertical with casing	870*255*655	1020*255*655	1110*255*655	1170*255*655	1320*255*655	1620*255*655	1770*255*655	1920*255*655	2220*255*655	

Note:

1. Nominal test conditions:

Cooling: air temperature 27 °C DT/19.5 °C BT; water inlet/outlet 7 °C/12 °C.

Heating: air temperature 21 °C; water temperature 60 °C.

2. Sound pressure was measured in an acoustic chamber, with the measurement point located 1 meter in front of and 1 meter below the vertical center line of the unit.

3. Static pressure was measured without a filter.

Universal fancoils with AC motor, two-pipe (3+1)

Specification	Standard size		20	30	40	50	60	80	100	120	140
Air flow	High	m³/h	400	590	750	920	1080	1490	1750	2060	2450
	Medium	m³/h	310	450	560	690	810	1120	1320	1540	1840
	Low	m³/h	200	300	370	460	540	750	870	1030	1230
Total cooling capacity [kW]	High		2.03	2.98	3.78	4.63	5.62	7.56	9.13	10.88	12.83
	Medium		1.72	2.5	3.22	3.94	4.79	6.44	7.76	9.27	10.95
	Low		1.50	2.23	3.82	3.48	4.19	5.68	6.93	8.19	9.64
Apparent cooling capacity [kW]	High		1.47	2.11	2.72	3.33	4.10	5.47	7.46	7.84	9.37
	Medium		1.22	1.77	2.26	2.80	3.44	4.54	6.34	6.74	7.96
	Low		0.97	1.33	1.71	2.16	2.75	3.50	4.85	5.10	6.18
Heating capacity [kW]	High		1.94	2.71	3.64	4.66	5.44	7.76	9.36	11.04	12.57
	Medium		1.66	2.31	3.11	3.95	4.61	6.62	7.97	9.40	10.71
	Low		1.46	2.05	2.73	3.50	4.08	5.84	7.04	8.29	9.44
Power consumption	12 Pa-V		40	53	62	78	95	125	147	198	238
	30 Pa-V		48	62	76	88	109	161	179	212	256
	50 Pa-V		56	72	88	95	110	174	211	240	297
Max. current	A	0.25	0.33	0.40	0.43	0.50	0.79	0.96	1.09	1.35	
Static pressure	Pa	12 Pa/30 Pa/50 Pa									
Noise level [dBA]	12 Pa-V		37	39	41	43	45	46	48	50	52
	30 Pa-V		40	42	44	46	47	48	50	52	54
	50 Pa-V		42	44	46	47	49	50	52	54	56
Water flow	Cooling 3 coils	kg/h	370	540	680	830	990	1350	1610	1920	2250
		l/s	0.103	0.150	0.189	0.231	0.275	0.375	0.447	0.533	0.625
	Heating 1 coil	kg/h	230	310	420	540	630	890	1080	1270	1450
		l/s	0.064	0.086	0.117	0.150	0.175	0.247	0.300	0.353	0.403
Hydraulic pressure	Cooling 3 coils	kPa	10	18	19	23	24	23	36	21	35
	Heating 1 coil	kPa	5	12	17	28	25	16	18	23	29
Fan type	-	Forward curved blades									
Motor	Type	Four-speed AC									
	Protection class	B									
	Power supply	220~230 V/ 1 ph / 50-60 Hz									
Heat exchanger	Type	Copper pipes with aluminum fins									
	No. of coils	4									
	Max. running pressure	1.6 MPa									
Water inlet/outlet	-	3/4" F									
Drain hole	-	Ø20									
Dimensions W/L/H [mm]	Horizontal without casing	645*450*225	795*450*225	875*450*225	945*450*225	1095*450*225	1395*450*225	1545*450*225	1695*450*225	1995*450*225	
	Horizontal with casing	850*246*505	1000*246*505	1080*246*505	1150*246*505	1300*246*505	1600*246*505	1750*246*505	1900*246*505	2200*246*505	
	Vertical without casing	745*225*579	895*225*579	975*225*579	1045*225*579	1195*225*579	1495*225*579	1645*225*579	1795*225*579	2095*225*579	
	Vertical with casing	850*246*634	1000*246*634	1080*246*634	1150*246*634	1300*246*634	1600*246*634	1750*246*634	1900*246*634	2200*246*634	
Packaging dimensions W/L/H [mm]	Horizontal without casing	675*480*245	825*480*245	905*480*245	975*480*245	1125*480*245	1425*480*245	1575*480*245	1720*480*245	2025*480*245	
	Horizontal with casing	875*260*530	1075*260*530	1105*260*530	1175*260*530	1325*260*530	1625*260*530	1775*260*530	1925*260*530	2225*260*530	
	Vertical without casing	870*240*600	910*240*600	990*240*600	1060*240*600	1210*240*600	1510*240*600	1660*240*600	1810*240*600	2110*240*600	
	Vertical with casing	870*255*655	1020*255*655	1110*255*655	1170*255*655	1320*255*655	1620*255*655	1770*255*655	1920*255*655	2220*255*655	

Note:

1. Nominal test conditions:

Cooling: air temperature 27 °C CT/19.5 °C BT; water inlet/outlet 7 °C/12 °C.

Heating: air temperature 21 °C; water temperature 60 °C.

2. Sound pressure was measured in an acoustic chamber, with the measurement point located 1 meter in front of and 1 meter below the vertical center line of the unit.

3. Static pressure was measured without a filter.

Universal fancoils with EC motor, two-pipe

Specification	Standard size	20	30	40	50	60	80	100	120	140	
Air flow	High	m ³ /h	400	590	750	920	1080	1490	1750	2060	2450
	Medium	m ³ /h	310	450	560	690	810	1120	1320	1540	1840
	Low	m ³ /h	200	300	370	460	540	750	870	1030	1230
Total cooling capacity [kW]	High		2.09	3.06	3.89	4.74	5.73	7.79	9.35	11.10	13.08
	Medium		1.78	2.57	3.32	4.03	4.89	6.64	7.95	9.45	11.16
	Low		1.55	2.29	2.91	3.56	4.28	5.85	7.10	8.35	9.83
Apparent cooling capacity [kW]	High		1.47	2.11	2.72	3.33	4.10	5.47	7.46	7.84	9.37
	Medium		1.29	1.81	2.31	2.86	3.53	4.65	6.49	6.90	8.15
	Low		1.00	1.37	1.77	2.30	2.83	3.61	5.00	5.25	6.37
Heating capacity [kW]	High		3.13	4.25	5.84	7.12	8.58	11.69	14.03	16.64	19.63
	Medium		2.54	3.40	4.73	5.77	6.95	9.47	11.50	13.64	15.90
	Low		1.91	2.55	3.50	4.34	5.15	7.13	8.56	9.98	11.78
Power consumption	12 Pa-V		8~17	9~20	10~36	11~44	12~56	20~78	23~88	26~114	28~139
	30 Pa-V		10~26	11~34	12~42	13~51	15~63	25~91	26~101	28~140	30~166
	50 Pa-V		12~29	13~38	14~49	15~56	17~80	26~101	28~125	30~173	32~208
Max. current	A		0.21	0.30	0.37	0.40	0.50	0.74	0.91	1.04	1.30
Static pressure	Pa	12 Pa/30 Pa/50 Pa									
Noise level [dBA]	12 Pa-V		21~35	22~37	20~39	22~41	24~43	28~44	28~46	29~48	30~50
	30 Pa-V		22~38	23~40	21~42	23~44	25~45	29~46	29~48	30~50	31~52
	50 Pa-V		23~40	24~42	22~44	24~45	26~47	30~48	30~50	31~52	32~54
Water flow	kg/h		370	540	680	830	990	1350	1610	1920	2250
	l/s		0.103	0.150	0.189	0.231	0.275	0.375	0.447	0.533	0.625
Hydraulic pressure	kPa		10	18	19	23	24	23	36	21	35
Fan type	-	Forward curved blades									
Motor	Type	EC									
	Protection class	B									
	Power supply	220~230 V/ 1 ph / 50-60 Hz									
Heat exchanger	Type	Copper pipes with aluminum fins									
	No. of coils	3									
	Max. running pressure	1.6 MPa									
Water inlet/outlet	-	3/4" F									
Drain hole	-	Φ20									
Dimensions W/L/H [mm]	Horizontal without casing	645*450*225	795*450*225	875*450*225	945*450*225	1095*450*225	1395*450*225	1545*450*225	1695*450*225	1995*450*225	
	Horizontal with casing	850*246*505	1000*246*505	1080*246*505	1150*246*505	1300*246*505	1600*246*505	1750*246*505	1900*246*505	2200*246*505	
	Vertical without casing	745*225*579	895*225*579	975*225*579	1045*225*579	1195*225*579	1495*225*579	1645*225*579	1795*225*579	2095*225*579	
	Vertical with casing	850*246*634	1000*246*634	1080*246*634	1150*246*634	1300*246*634	1600*246*634	1750*246*634	1900*246*634	2200*246*634	
Packaging dimensions W/L/H [mm]	Horizontal without casing	675*480*245	825*480*245	905*480*245	975*480*245	1125*480*245	1425*480*245	1575*480*245	1720*480*245	2025*480*245	
	Horizontal with casing	875*260*530	1075*260*530	1105*260*530	1175*260*530	1325*260*530	1625*260*530	1775*260*530	1925*260*530	2225*260*530	
	Vertical without casing	870*240*600	910*240*600	990*240*600	1060*240*600	1210*240*600	1510*240*600	1660*240*600	1810*240*600	2110*240*600	
	Vertical with casing	870*255*655	1020*255*655	1110*255*655	1170*255*655	1320*255*655	1620*255*655	1770*255*655	1920*255*655	2220*255*655	

Note:

1. Nominal test conditions:

Cooling: air temperature 27 °C DT/19.5 °C BT; water inlet/outlet 7 °C/12 °C.

Heating: air temperature 21 °C; water temperature 60 °C.

2. Sound pressure was measured in an acoustic chamber, with the measurement point located 1 meter in front of and 1 meter below the vertical center line of the unit.

3. Static pressure was measured without a filter.

Universal fancoils with EC motor, four-pipe (3+1)

Specification	Standard size		20	30	40	50	60	80	100	120	140
Air flow	High	m³/h	400	590	750	920	1080	1490	1750	2060	2450
	Medium	m³/h	310	450	560	690	810	1120	1320	1540	1840
	Low	m³/h	200	300	370	460	540	750	870	1030	1230
Total cooling capacity [kW]	High		2.03	2.98	3.78	4.63	5.62	7.56	9.13	10.88	12.83
	Medium		1.72	2.5	3.22	3.94	4.79	6.44	7.76	9.27	10.95
	Low		1.50	2.23	3.82	3.48	4.19	5.68	6.93	8.19	9.64
Apparent cooling capacity [kW]	High		1.47	2.11	2.72	3.33	4.10	5.47	7.46	7.84	9.37
	Medium		1.22	1.77	2.26	2.80	3.44	4.54	6.34	6.74	7.96
	Low		0.97	1.33	1.71	2.16	2.75	3.50	4.85	5.10	6.18
Heating capacity [kW]	High		1.94	2.71	3.64	4.66	5.44	7.76	9.36	11.04	12.57
	Medium		1.66	2.31	3.11	3.95	4.61	6.62	7.97	9.40	10.71
	Low		1.46	2.05	2.73	3.50	4.08	5.84	7.04	8.29	9.44
Power consumption	12 Pa-V		8~17	9~20	10~36	11~44	12~56	20~78	23~88	26~114	28~139
	30 Pa-V		10~26	11~34	12~42	13~51	15~63	25~91	26~101	28~140	30~166
	50 Pa-V		12~29	13~38	14~49	15~56	17~80	26~101	28~125	30~173	32~208
Max. current	A		0.21	0.30	0.37	0.40	0.50	0.74	0.91	1.04	1.30
Static pressure	Pa	12 Pa/30 Pa/50 Pa									
Noise level [dBA]	12 Pa-V		21~35	22~37	20~39	22~41	24~43	28~44	28~46	29~48	30~50
	30 Pa-V		22~38	23~40	21~42	23~44	25~45	29~46	29~48	30~50	31~52
	50 Pa-V		23~40	24~42	22~44	24~45	26~47	30~48	30~50	31~52	32~54
Water flow	Cooling 3 coils	kg/h	370	540	680	830	990	1350	1610	1920	2250
		l/s	0.103	0.150	0.189	0.231	0.275	0.375	0.447	0.533	0.625
	Heating 1 coil	kg/h	230	310	420	540	630	890	1080	1270	1450
		l/s	0.064	0.086	0.117	0.150	0.175	0.247	0.300	0.353	0.403
Hydraulic pressure	Cooling 3 coils	kPa	10	18	19	23	24	23	36	21	35
	Heating 1 coil	kPa	5	12	17	28	25	16	18	23	29
Fan type	-	Forward curved blades									
Motor	Type	EC									
	Protection class	B									
	Power supply	220~230 V / 1 ph / 50-60 Hz									
Heat exchanger	Type	Copper pipes with aluminum fins									
	No. of coils	4									
	Max. running pressure	1.6 MPa									
Water inlet/outlet	-	3/4" F									
Drain hole	-	Φ20									
Dimensions W/L/H [mm]	Horizontal without casing		645*450*225	795*450*225	875*450*225	945*450*225	1095*450*225	1395*450*225	1545*450*225	1695*450*225	1995*450*225
	Horizontal with casing		850*246*505	1000*246*505	1080*246*505	1150*246*505	1300*246*505	1600*246*505	1750*246*505	1900*246*505	2200*246*505
	Vertical without casing		745*225*579	895*225*579	975*225*579	1045*225*579	1195*225*579	1495*225*579	1645*225*579	1795*225*579	2095*225*579
	Vertical with casing		850*246*634	1000*246*634	1080*246*634	1150*246*634	1300*246*634	1600*246*634	1750*246*634	1900*246*634	2200*246*634
Packaging dimensions W/L/H [mm]	Horizontal without casing		675*480*245	825*480*245	905*480*245	975*480*245	1125*480*245	1425*480*245	1575*480*245	1720*480*245	2025*480*245
	Horizontal with casing		875*260*530	1075*260*530	1105*260*530	1175*260*530	1325*260*530	1625*260*530	1775*260*530	1925*260*530	2225*260*530
	Vertical without casing		870*240*600	910*240*600	990*240*600	1060*240*600	1210*240*600	1510*240*600	1660*240*600	1810*240*600	2110*240*600
	Vertical with casing		870*255*655	1020*255*655	1110*255*655	1170*255*655	1320*255*655	1620*255*655	1770*255*655	1920*255*655	2220*255*655

Note:

- Nominal test conditions:
Cooling: air temperature 27 °C CT/19.5 °C BT; water inlet/outlet 7 °C/12 °C.
Heating: air temperature 21 °C; water temperature 60 °C.
- Sound pressure was measured in an acoustic chamber, with the measurement point located 1 meter in front of and 1 meter below the vertical center line of the unit.
- Static pressure was measured without a filter.

Cassette fancoils

Maximum space efficiency by installation in a suspended ceiling.

Four-way air distribution and a wide range of blade adjustment angles ensure even air distribution.



Air flow:
180–2380 m³/h



Cooling capacity:
1.1–12.6 kW



Key features

- Highly efficient condensate drainage system with a pump that lifts water up to 600 mm.
- Stylish and elegant design for any interior.
- Highly efficient synthetic fiber filter that is easy to clean and ensures much cleaner air flow.
- High energy efficiency is ensured by the advanced design of the heat exchanger.
- The new radial fan design is pressure-resistant and low-noise.



Cassette fancoils with AC motor, two-pipe

Specification	Standard size	20	30	40	50	60	80	100	120	140	
Air flow	High	m ³ /h	340	510	680	850	1020	1360	1700	2040	2380
	Medium	m ³ /h	280	390	520	640	790	1030	1290	1500	1800
	Low	m ³ /h	180	260	350	430	520	690	860	1032	1200
Total cooling capacity [kW]	High		2.00	2.70	3.70	5.00	5.60	7.10	9.10	11.00	12.60
	Medium		1.50	2.50	3.40	3.90	4.70	6.30	8.00	9.60	11.10
	Low		1.10	2.10	2.80	3.20	3.70	4.20	5.40	8.00	8.70
Apparent cooling capacity [kW]	High		1.60	2.10	2.70	3.60	4.30	5.10	6.70	8.10	9.50
	Medium		1.10	1.90	2.60	2.90	3.50	4.70	6.00	7.20	8.30
	Low		0.90	1.60	2.20	2.60	3.00	3.40	4.30	6.40	7.00
Heating capacity [kW]	High		2.80	4.20	5.60	7.00	8.40	11.20	13.90	16.70	19.50
	Medium		2.24	3.12	4.16	5.12	6.32	8.24	10.32	12.00	14.40
	Low		1.44	2.08	2.80	3.44	4.16	5.52	6.88	8.26	9.60
Input power	W		37	52	62	76	96	132	152	189	220
Starting current	A		0.16	0.23	0.27	0.34	0.43	0.59	0.67	0.84	0.98
Noise level	dBA - High/Med/Low		38/35/30	39/36/32	42/38/35	44/41/37	45/42/39	47/44/41	49/46/42	51/47/53	53/48/44
Water flow	kg/h		345	520	640	860	970	1260	1710	1920	2210
	l/s		0.096	0.144	0.178	0.239	0.269	0.350	0.475	0.533	0.614
Hydraulic pressure	kPa		7	9	11	16	18	19	17	19	22
Fan type	-		Radial fan								
Motor	Type		Asynchronous								
	Protection class		B								
	Power supply (V/Ph/Hz)		220~230 V/ 1 ph								
	Power consumption [W]		28	43	53	67	97	123	143	180	210
Heat exchanger	Type		Copper pipes with aluminum fins								
	No. of coils		2								
	Max. running pressure		1.4 MPa								
Water inlet/outlet	-		3/4" F								
Drain hole	-		Ø25								
Dimensions W/L/H [mm]	Casing		580*580*250	580*580*250	580*580*250	710*710*290	710*710*290	710*710*290	811*811*290	811*811*290	811*811*290
	Panel		680*680*30	680*680*30	680*680*30	800*800*30	800*800*30	800*800*30	950*950*30	950*950*30	950*950*30
Packaging dimensions W/L/H [mm]	Casing		675*675*270	675*675*270	675*675*270	823*823*345	823*823*345	823*823*345	943*943*345	943*943*345	943*943*345
	Panel		740*740*75	740*740*75	740*740*75	858*858*93	858*858*93	858*858*93	1008*1008*93	1008*1008*93	1008*1008*93
Net weight [kg]	Casing		22.5	22.5	23.5	28	29	29	36	38	38
	Panel		2.5	2.5	2.5	4	4	4	5	5	5
Gross weight [kg]	Casing		23.8	23.8	23.8	29.6	30.6	30.6	38	40	40
	Panel		3.5	3.5	3.5	5.3	5.3	5.3	5.6	5.6	5.6

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. Sound pressure was measured in an acoustic chamber, with the measuring point located 1.5 meters below the vertical center line of the unit.

Cassette fancoils with AC motor, two-pipe (3+1)

Specification	Standard size	40	50	60	80	100	120	140	
Air flow	High	m ³ /h	680	850	1020	1360	1700	2040	2380
	Medium	m ³ /h	570	648	770	1050	1350	1600	1850
	Low	m ³ /h	468	530	600	700	900	1330	1450
Total cooling capacity [kW]	High		2.40	3.10	3.60	4.80	6.00	7.80	8.45
	Medium		2.20	2.50	2.80	3.80	5.00	5.90	6.80
	Low		1.80	2.10	2.20	2.60	3.30	4.90	5.40
Apparent cooling capacity [kW]	High		1.68	2.17	2.52	3.36	4.20	5.46	5.92
	Medium		1.65	1.88	2.10	2.85	3.75	4.43	5.10
	Low		1.50	1.68	1.76	2.08	2.64	3.92	4.32
Heating capacity [kW]	High		3.25	4.05	4.90	6.30	8.10	8.30	11.35
	Medium		2.50	3.10	3.75	5.00	6.25	6.40	8.73
	Low		1.90	2.40	2.90	4.00	4.80	4.95	6.70
Input power	W	60	76	90	132	152	189	220	
Starting current	A	0.27	0.34	0.4	0.59	0.67	0.84	0.98	
Noise level	dB(A) - High/Med/Low	42/38/35	44/41/37	45/42/39	47/44/41	49/46/42	51/47/43	53/48/44	
Water flow	kg/h	413/280	533/348	620/421	825/542	1030/696	1200/714	1450/970	
	l/s	0.115/0.078	0.148/0.096	0.172/0.116	0.229/0.151	0.286/0.193	0.333/0.198	0.403/0.269	
Hydraulic pressure	kPa	9.7/0.63	23.7/1.5	25.4/1.81	26.8/2.43	23.5/6.31	25.4/7.61	28.5/8.90	
Fan type	-	Radial fan							
Motor	Type	Asynchronous							
	Protection class	B							
	Power supply (V/Ph/Hz)	220~230 V / 1 ph / 50-60 Hz							
	Power consumption [W]	53	67	97	123	143	180	210	
Heat exchanger	Type	Copper pipes with aluminum fins							
	No. of coils	2							
	Max. running pressure	1.4 MPa							
Water inlet/outlet	-	3/4" F							
Drain hole	-	Ø25							
Dimensions W/L/H [mm]	Casing	581*581*290	710*710*290	710*710*290	710*710*290	811*811*290	811*811*290	811*811*290	
	Panel	680*680*30	800*800*30	800*800*30	800*800*30	950*950*30	950*950*30	950*950*30	
Packaging dimensions W/L/H [mm]	Casing	675*675*310	823*823*345	823*823*345	823*823*345	823*823*345	823*823*345	823*823*345	
	Panel	740*740*75	858*858*93	858*858*93	858*858*93	1008*1008*93	1008*1008*93	1008*1008*93	
Net weight [kg]	Casing	24.1	28.6	29.6	29.6	36.6	38.6	38.6	
	Panel	2.5	4	4	4	5	5	5	
Gross weight [kg]	Casing	25.6	30.2	31.2	31.2	38.6	40.6	40.6	
	Panel	3.7	5.3	5.3	5.3	5.6	5.6	5.6	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. Sound pressure was measured in an acoustic chamber, with the measuring point located 1.5 meters below the vertical center line of the unit.

Wall-mounted fancoils

BLFC-...-W-2-AC/1A

These models are compact in size and wall-mounted, which makes them ideal for apartments, offices, and hotels.



Air flow:
180–1250 m³/h



Cooling capacity:
1.35–7 kW



Key features

- Stylish design that suits any interior.
- Quiet operation, ensuring comfort in the room.
- High efficiency thanks to optimized heat exchange.
- Easy control via remote control.
- EC fans for lower energy consumption and smooth power adjustment.

Wall-mounted fancoils

Specification	Standard size		20	30	40	50	60	80
Air flow	High	m ³ /h	340	510	680	850	1020	1250
	Medium	m ³ /h	260	380	515	650	765	950
	Low	m ³ /h	180	260	340	430	520	600
Cooling capacity	High	W	2200	3000	4000	4800	5700	7000
	Medium	W	1800	2500	3250	3900	4650	5700
	Low	W	1350	2100	2500	2950	3500	4200
Heating capacity	High	W	3500	4800	6400	7700	9200	11000
	Medium	W	2850	4000	5200	6250	7450	8950
	Low	W	2150	3350	4000	4750	5650	6800
Power supply			220 V / 50-60 Hz / 1 Ph					
Power consumption	W	High, 0 Pa	20	30	36	44	56	75
Noise level	dBA	High, 0 Pa	28	37	41	43	44	48
Water flow	m ³ /h		0.38	0.51	0.68	0.82	0.97	1.2
Hydraulic pressure	kPa		13	21	21	28	25	35
Water inlet	-		ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"
Drain hole	-		ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"
Net dimensions (W/H/L)	mm		850*291*203	850*291*203	972*302*224	972*302*224	1081*327*248	1081*327*248
Net weight	kg		11	11	14.5	14.5	18	18

Note:

1. Cooling: air temperature 27 °C CT/19.5 °C BT; water temperature (inlet / outlet): 7/12 °C.
2. Heating: air temperature 21 °C; water temperature (inlet): 60 °C

Ultra-thin universal fancoils

BLFC-...-VSE-2-DC/1A

An ultra-thin fancoil can save up to 30% more energy compared to traditional heating radiators.



Air flow:
80–650 m³/h



Cooling capacity:
1.05–4.13 kW



Key features

- An ultra-thin fancoil with a DC motor can save up to 50% energy compared to a traditional fancoil with an AC motor.
- **Easy installation.** The ultra-thin fancoil can be installed both vertically and horizontally.
- **More models, bigger choice.** You can choose from five different models in different casings, each of which best meets the user's heating/cooling needs.
- **Creative and thoughtful design.** The fancoil with copper tubes and aluminum fins in a hydrophilic coating ensures higher efficiency and longer service life.
- The high-quality fan generates a large air volume and low noise.
- The capacity of one ultra-thin fancoil is equivalent to that of three conventional radiators.

Ultra-thin universal fancoils

Model		20	32	46	58	65
Air flow max.	m ³ /h	200	320	460	580	650
Air flow min.	m ³ /h	80	120	180	220	260
Cooling capacity	W	1050	1980	2890	3620	4130
Heating capacity (water 50 °C)	W	1500	2850	4200	5250	6000
Heating capacity (water 70 °C)	W	2600	3985	5820	7250	9480
Max. noise level	dBA	30	32	36	38	40
Min. noise level	dBA	24	27	28	28	30
Power supply	/	220 V / 50-60 Hz / 1 Ph				
Power consumption	W	18	24	35	40	45
Water flow	m ³ /h	0.17	0.33	0.49	0.6	0.64
Hydraulic pressure	kPa	12	14	18	20	24
Water inlet	inches	ZG3/4"				
Water outlet	inches	ZG3/4"				
Max. running pressure	MPa	1.6				
Drain pipe	mm	ø 16				
Net weight	kg	15.2	19.6	24	28	33.8
Gross weight	kg	17	22	27	32	38
Dimensions (W/L/H)	mm	692*131*657	892*131*657	1092*131*657	1292*131*657	1492*131*657
Packaging dimensions (W/L/H)	mm	760*200*730	960*200*730	1160*200*730	1360*200*730	1560*200*730

Note:

1. Cooling: air temperature 27 °C (CT/BT) 27/19 °C, water temperature (inlet / outlet): 7/12 °C.
2. Heating: air temperature 21 °C.

High-pressure duct fancoils in large standard sizes

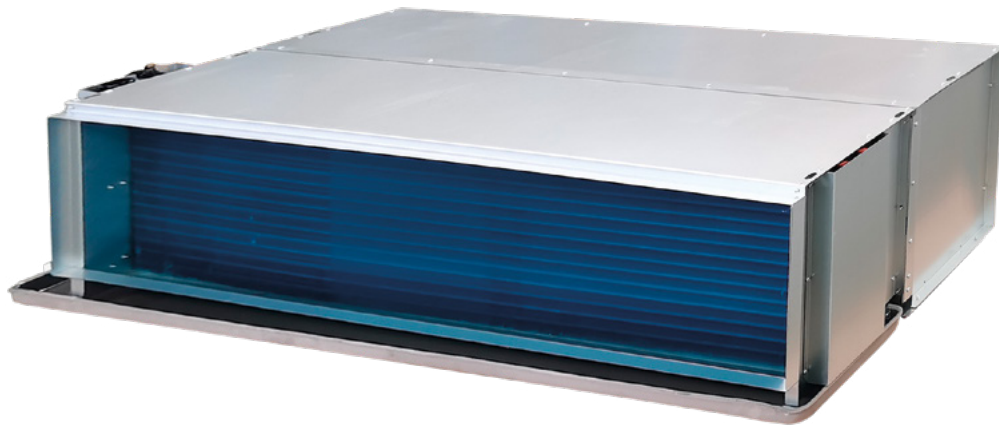
The most powerful series of fancoil units designed for efficient air heating and cooling in large industrial, commercial, and warehouse spaces. Due to the wide range of static pressure settings, fancoil units ensure uniform temperature distribution over large areas and can operate with branched ductwork.



Air flow:
803–6260 m³/h



Cooling capacity:
5.06–31.40 kW



Key features

- High energy efficiency thanks to seamless copper pipe that mechanically expands to aluminum fins.
- Fresh air thanks to a washable, highly efficient synthetic fiber filter or aluminum filter.
- Low noise level through the use of hot-dip galvanized sheet steel with a thin layer of sound insulation.
- V-shaped extended tray design significantly improves drainage efficiency.
- Additional static pressure of 60~180 Pa meets most requirements.
- High reliability and fire resistance thanks to galvanized steel blades and fan housing.



High-pressure duct fancoils with AC motor, two-pipe (BLFC-...-CH-2-AC/1A)

Specification	Standard size	60	80	100	120	150	160	
Air flow	High	m ³ /h	1070	1430	1790	2145	2685	2720
	Medium	m ³ /h	920	1244	1522	1845	2336	2367
	Low	m ³ /h	803	1058	1343	1630	2014	2041
Total cooling capacity [kW]	High		6.10	7.50	9.00	11.50	13.50	13.68
	Medium		5.49	6.68	8.19	10.58	11.88	12.04
	Low		5.06	6.30	7.65	9.43	11.21	11.35
Apparent cooling capacity [kW]	High		4.60	5.60	6.50	8.30	10.00	11.40
	Medium		4.00	4.82	5.66	7.22	8.40	9.58
	Low		3.50	4.31	5.07	6.31	7.60	8.66
Heating capacity [kW]	High		9.30	11.50	14.10	18.10	20.90	21.60
	Medium		8.09	10.12	12.55	15.75	18.81	19.44
	Low		7.72	9.66	11.84	15.20	17.35	17.93
Power consumption	12 Pa-V		180	280	340	390	470	531
	30 Pa-V		240	370	450	520	620	640
	50 Pa-V		320	500	600	680	800	830
Max. current	A	1.5	2.3	2.7	3.1	3.6	3.8	
Static pressure	Pa	80 Pa/130 Pa/180 Pa						
Noise level [dBA]	80 Pa-N	48	49	50	52	55	56	
	130 Pa-N	51	52	53	55	58	58	
	180 Pa-N	53	55	56	58	60	61	
Water flow	kg/h	1000	1200	1500	1900	2200	2	
	l/s	0.278	0.333	0.417	0.528	0.611	0.643	
Hydraulic pressure	kPa	8.7	11.7	16.8	25.4	35	38	
Fan type	-	Impeller with forward curved blades						
Motor	Type	Three-speed asynchronous motor						
	Insulation	Class B						
	Power supply	220~230 V/ 1 Ph / 50-60 Hz						
Heat exchanger	Type	Copper pipes with aluminum fins						
	No. of coils	3						
	Max. running pressure	1.6 MPa						
Water inlet/outlet	-	ZG3" /4	1" MPT	1" MPT	1" MPT	1" MPT	1" MPT	
Drain hole	-	3/4" MPT						
Dimensions	mm (W/L/H)	980*610*345	1080*610*345	1180*610*345	1380*610*345	1480*610*345	1480*610*345	
Packaging dimensions	mm (W/L/H)	1010*640*370	1110*640*370	1210*640*370	1410*640*370	1510*640*370	1510*640*370	
Net weight	kg	37	40	47	52	58	60	
Gross weight	kg	42	46	54	60	67	67	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. The sound pressure level is measured in an acoustic chamber, with the measuring point located 1 m in front of and 1 m below the line passing through the vertical center of the unit.

3. The static pressure is measured at the heat exchanger outlet the filter off.

High-pressure duct fancoils with AC motor, two-pipe (BLFC-...-CH-2-AC/1A)

Specification	Standard size	180	200	250	310	360	
Air flow	High	m ³ /h	3220	3400	4295	5370	6260
	Medium	m ³ /h	2801	2958	3694	4565	5384
	Low	m ³ /h	2415	2550	3264	3974	4570
Total cooling capacity [kW]	High		15.80	16.68	20.80	27.00	31.40
	Medium		13.75	14.28	18.30	24.03	27.32
	Low		13.11	13.51	17.47	22.68	26.38
Apparent cooling capacity [kW]	High		11.80	12.68	15.30	19.60	23.10
	Medium		9.91	10.65	13.01	16.66	19.17
	Low		9.09	9.63	11.63	15.09	17.79
Heating capacity [kW]	High		25.00	25.02	32.10	42.20	49.20
	Medium		22.25	20.52	29.21	38.40	43.30
	Low		21.00	18.77	27.29	34.60	40.84
Power consumption	12 Pa-V		710	640	800	980	1170
	30 Pa-V		830	750	950	1130	1350
	50 Pa-V		950	1000	1240	1470	1760
Max. current	A	4.3	4.5	5.6	6.7	8.0	
Static pressure	Pa	80 Pa/130 Pa/180 Pa					
Noise level [dBA]	80 Pa-N	56	57	60	61	62	
	130 Pa-N	59	60	62	64	65	
	180 Pa-N	62	63	65	67	67	
Water flow	kg/h	2600	3	3400	4500	5200	
	l/s	0.722	0.001	0.944	1.250	1.444	
Hydraulic pressure	kPa	43.5	40	25.4	39.5	48.7	
Fan type	-	Impeller with forward curved blades					
Motor	Type	Three-speed asynchronous motor					
	Insulation	Class B					
	Power supply	220~230 V/ 1 Ph / 50-60 Hz					
Heat exchanger	Type	Copper pipes with aluminum fins					
	No. of coils	3					
	Max. running pressure	1.6 MPa					
Water inlet/outlet	-	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	
Drain hole	-	3/4" MPT					
Dimensions	mm (W/L/H)	1280*660*445	1380*660*445	1780*660*445	1980*660*445	2180*660*445	
Packaging dimensions	mm (W/L/H)	1310*690*470	1410*690*470	1810*690*470	2010*690*470	2210*690*470	
Net weight	kg	62	65	80	103	111	
Gross weight	kg	70	73	88	112	120	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. The sound pressure level is measured in an acoustic chamber, with the measuring point located 1 m in front of and 1 m below the line passing through the vertical center of the unit.

3. The static pressure is measured at the heat exchanger outlet the filter off.

High-pressure duct fancoils with AC motor, four-pipe (BLFC-...-CH-4-AC/1A)

Specification	Standard size	60	80	100	120	150	160	
Air flow	High	m ³ /h	1070	1430	1790	2145	2685	2720
	Medium	m ³ /h	920	1244	1522	1845	2336	2367
	Low	m ³ /h	803	1058	1343	1630	2014	2041
Total cooling capacity [kW]	High		6.10	7.50	9.00	11.50	13.50	13.68
	Medium		5.49	6.68	8.19	10.58	11.88	12.03
	Low		5.06	6.30	7.65	9.43	11.21	11.35
Apparent cooling capacity [kW]	High		4.60	5.60	6.50	8.30	10.00	10.13
	Medium		4.00	4.82	5.66	7.22	8.40	8.51
	Low		3.50	4.31	5.07	6.31	7.60	7.70
Heating capacity [kW]	High		4.19	5.18	6.35	8.15	9.41	9.72
	Medium		3.64	4.55	5.65	7.09	8.46	8.57
	Low		3.47	4.35	5.33	6.84	7.81	7.91
Power consumption	12 Pa-V		210	320	400	480	550	550
	30 Pa-V		260	410	500	570	640	640
	50 Pa-V		350	550	650	770	860	860
Max. current	A	1.6	2.5	3.0	3.5	3.9	3.9	
Static pressure	Pa	60 Pa/110 Pa/160 Pa						
Noise level [dBA]	80 Pa-N	48	50	51	53	56	57	
	130 Pa-N	50	52	53	55	58	58	
	180 Pa-N	53	56	56	58	61	62	
Water flow	Cooling 3 coils	kg/h	1049	1290	1548	1978	2322	2353
		l/s	0.291	0.358	0.430	0.549	0.645	0.654
	Heating 1 coil	kg/h	360	445	546	700	809	836
		l/s	0.100	0.124	0.152	0.195	0.225	0.232
Hydraulic pressure	kPa	8.7	11.7	16.8	25.4	35	38	
Fan type	-	Impeller with forward curved blades						
Motor	Type	Three-speed asynchronous motor						
	Insulation	Class B						
	Power supply	220~230 V/ 1 Ph / 50-60 Hz						
Heat exchanger	Type	Copper pipes with aluminum fins						
	No. of coils	3+1						
	Max. running pressure	1.6 MPa						
Water inlet/outlet	-	ZG3" /4	1" MPT	1" MPT	1" MPT	1" MPT	1" MPT	
Drain hole	-	3/4" MPT						
Dimensions	mm (W/L/H)	980*610*345	1080*610*345	1180*610*345	1380*610*345	1480*610*345	1480*610*345	
Packaging dimensions	mm (W/L/H)	1010*640*370	1110*640*370	1210*640*370	1410*640*370	1510*640*370	1510*640*370	
Net weight	kg	39	42	49	55	61	62	
Gross weight	kg	44	48	56	63	70	69	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. The sound pressure level is measured in an acoustic chamber, with the measuring point located 1 m in front of and 1 m below the line passing through the vertical center of the unit.

3. The static pressure is measured at the heat exchanger outlet the filter off.

High-pressure duct fancoils with AC motor, four-pipe (BLFC-...-CH-4-AC/1A)

Specification	Standard size	180	200	250	310	360	
Air flow	High	m ³ /h	3220	3400	4295	5370	6260
	Medium	m ³ /h	2801	2958	3694	4565	5384
	Low	m ³ /h	2415	2550	3264	3974	4570
Total cooling capacity [kW]	High		15.80	16.68	20.80	27.00	31.40
	Medium		13.75	14.51	18.30	24.03	27.32
	Low		13.11	13.85	17.47	22.68	26.38
Apparent cooling capacity [kW]	High		11.80	12.46	15.30	19.60	23.10
	Medium		9.91	10.47	13.01	16.66	19.17
	Low		9.09	9.59	11.63	15.09	17.79
Heating capacity [kW]	High		11.25	11.26	14.45	18.99	22.14
	Medium		10.01	10.57	13.14	17.28	19.48
	Low		9.45	9.98	12.28	15.57	18.38
Power consumption	12 Pa-V		750	660	850	1090	1280
	30 Pa-V		850	780	960	1230	1460
	50 Pa-V		970	1030	1260	1560	1840
Max. current	A		4.4	4.7	5.7	7.1	8.4
Static pressure	Pa	60 Pa/110 Pa/160 Pa					
Noise level [dBA]	80 Pa-N		57	58	60	62	64
	130 Pa-N		60	61	63	65	66
	180 Pa-N		63	64	66	68	70
Water flow	Cooling 3 coils	kg/h	2718	2870	3578	4644	5401
		l/s	0.755	0.797	0.994	1.290	1.500
	Heating 1 coil	kg/h	968	968	1242	1633	1904
		l/s	0.269	0.269	0.345	0.454	0.529
Hydraulic pressure	kPa		43.5	45	25.4	39.5	48.7
Fan type	-	Impeller with forward curved blades					
Motor	Type	Three-speed asynchronous motor					
	Insulation	Class B					
	Power supply	220~230 V/ 1 Ph / 50-60 Hz					
Heat exchanger	Type	Copper pipes with aluminum fins					
	No. of coils	3+1					
	Max. running pressure	1.6 MPa					
Water inlet/outlet	-	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	
Drain hole	-	3/4" MPT					
Dimensions	mm (W/L/H)	1280*660*445	1380*660*445	1780*660*445	1980*660*445	2180*660*445	
Packaging dimensions	mm (W/L/H)	1310*690*470	1410*690*470	1810*690*470	2010*690*470	2210*690*470	
Net weight	kg	65	69	85	107	116	
Gross weight	kg	73	77	93	116	125	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. The sound pressure level is measured in an acoustic chamber, with the measuring point located 1 m in front of and 1 m below the line passing through the vertical center of the unit.

3. The static pressure is measured at the heat exchanger outlet the filter off.

High-pressure duct fancoils with EC motor, two-pipe (BLFC-...-CH-2-DC/1A)

Specification	Standard size	60	80	100	120	150	160	
Air flow	High	m ³ /h	1070	1430	1790	2145	2685	2720
	Medium	m ³ /h	920	1244	1522	1845	2336	2367
	Low	m ³ /h	803	1058	1343	1630	2014	2041
Total cooling capacity [kW]	High		6.10	7.50	9.00	11.50	13.50	13.68
	Medium		5.49	6.68	8.19	10.58	11.88	12.04
	Low		5.06	6.30	7.65	9.43	11.21	11.35
Apparent cooling capacity [kW]	High		4.60	5.60	6.50	8.30	10.00	11.40
	Medium		4.00	4.82	5.66	7.22	8.40	9.58
	Low		3.50	4.31	5.07	6.31	7.60	8.66
Heating capacity [kW]	High		9.30	11.50	14.10	18.10	20.90	21.60
	Medium		8.09	10.12	12.55	15.75	18.81	19.44
	Low		7.72	9.66	11.84	15.20	17.35	17.93
Power consumption	12 Pa-V		135	210	255	293	353	398
	30 Pa-V		168	259	315	364	434	448
	50 Pa-V		192	300	360	408	480	498
Max. current	A	0.9	1.4	1.6	1.9	2.2	2.3	
Static pressure	Pa	80 Pa / 130 Pa / 180 Pa						
Noise level [dBA]	80 Pa-N	35-48	36-49	36-50	37-52	37-55	37-56	
	130 Pa-N	35-51	36-52	36-53	37-55	38-58	38-58	
	180 Pa-N	35-53	37-55	37-56	38-58	38-60	39-61	
Water flow	kg/h	1000	1200	1500	1900	2200	2	
	l/s	0.278	0.333	0.417	0.528	0.611	0.643	
Hydraulic pressure	kPa	8.7	11.7	16.8	25.4	35	38	
Fan type	-	Impeller with forward curved blades						
Motor	Type	EC motor						
	Insulation	Class B						
	Power supply	220~230 V/ 1 Ph / 50-60 Hz						
Heat exchanger	Type	Copper pipes with aluminum fins						
	No. of coils	3						
	Max. running pressure	1.6 MPa						
Water inlet/outlet	-	ZG3" /4	1" MPT	1" MPT	1" MPT	1" MPT	1" MPT	
Drain hole	-	3/4" MPT						
Dimensions	mm (W/L/H)	980*610*345	1080*610*345	1180*610*345	1380*610*345	1480*610*345	1480*610*345	
Packaging dimensions	mm (W/L/H)	1010*640*370	1110*640*370	1210*640*370	1410*640*370	1510*640*370	1510*640*370	
Net weight	kg	37	40	47	52	58	60	
Gross weight	kg	42	46	54	60	67	67	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. The sound pressure level is measured in an acoustic chamber, with the measuring point located 1 m in front of and 1 m below the line passing through the vertical center of the unit.

3. The static pressure is measured at the heat exchanger outlet the filter off.

High-pressure duct fancoils with EC motor, two-pipe (BLFC-...-CH-2-DC/1A)

Specification	Standard size	180	200	250	310	360	
Air flow	High	m ³ /h	3220	3400	4295	5370	6260
	Medium	m ³ /h	2801	2958	3694	4565	5384
	Low	m ³ /h	2415	2550	3264	3974	4570
Total cooling capacity [kW]	High		15.80	16.68	20.80	27.00	31.40
	Medium		13.75	14.28	18.30	24.03	27.32
	Low		13.11	13.51	17.47	22.68	26.38
Apparent cooling capacity [kW]	High		11.80	12.68	15.30	19.60	23.10
	Medium		9.91	10.65	13.01	16.66	19.17
	Low		9.09	9.63	11.63	15.09	17.79
Heating capacity [kW]	High		25.00	25.02	32.10	42.20	49.20
	Medium		22.25	20.52	29.21	38.40	43.30
	Low		21.00	18.77	27.29	34.60	40.84
Power consumption	12 Pa-V		533	480	600	735	878
	30 Pa-V		581	525	665	791	945
	50 Pa-V		570	600	744	882	1056
Max. current	A	2.6	2.7	3.4	4.0	4.8	
Static pressure	Pa	80 Pa/130 Pa/180 Pa					
Noise level [dBA]	80 Pa-N		37-56	38-57	38-60	39-61	40-62
	130 Pa-N		38-59	38-60	40-62	41-64	41-65
	180 Pa-N		40-62	40-63	41-65	42-67	42-67
Water flow	kg/h		2600	3	3400	4500	5200
	l/s		0.722	0.001	0.944	1.250	1.444
Hydraulic pressure	kPa		43.5	40	25.4	39.5	48.7
Fan type	-	Impeller with forward curved blades					
Motor	Type	EC motor					
	Insulation	Class B					
	Power supply	220~230 V/ 1 Ph / 50-60 Hz					
Heat exchanger	Type	Copper pipes with aluminum fins					
	No. of coils	3					
	Max. running pressure	1.6 MPa					
Water inlet/outlet	-	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	
Drain hole	-	3/4" MPT					
Dimensions	mm (W/L/H)	1280*660*445	1380*660*445	1780*660*445	1980*660*445	2180*660*445	
Packaging dimensions	mm (W/L/H)	1310*690*470	1410*690*470	1810*690*470	2010*690*470	2210*690*470	
Net weight	kg	62	65	80	103	111	
Gross weight	kg	70	73	88	112	120	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. The sound pressure level is measured in an acoustic chamber, with the measuring point located 1 m in front of and 1 m below the line passing through the vertical center of the unit.

3. The static pressure is measured at the heat exchanger outlet the filter off.

High-pressure duct fancoils with EC motor, four-pipe (BLFC-...-CH-4-DC/1A)

Specification	Standard size	60	80	100	120	150	160	
Air flow	High	m ³ /h	1070	1430	1790	2145	2685	2720
	Medium	m ³ /h	920	1244	1522	1845	2336	2367
	Low	m ³ /h	803	1058	1343	1630	2014	2041
Total cooling capacity [kW]	High		6.10	7.50	9.00	11.50	13.50	13.68
	Medium		5.49	6.68	8.19	10.58	11.88	12.03
	Low		5.06	6.30	7.65	9.43	11.21	11.35
Apparent cooling capacity [kW]	High		4.60	5.60	6.50	8.30	10.00	10.13
	Medium		4.00	4.82	5.66	7.22	8.40	8.51
	Low		3.50	4.31	5.07	6.31	7.60	7.70
Heating capacity [kW]	High		4.19	5.18	6.35	8.15	9.41	9.72
	Medium		3.64	4.55	5.65	7.09	8.46	8.57
	Low		3.47	4.35	5.33	6.84	7.81	7.91
Power consumption	12 Pa-V		158	240	300	360	413	413
	30 Pa-V		182	287	350	399	448	448
	50 Pa-V		210	330	390	462	516	516
Max. current	A	1.0	1.5	1.8	2.1	2.3	2.3	
Static pressure	Pa	60 Pa/110 Pa/160 Pa						
Noise level [dBA]	80 Pa-N		35-48	36-50	36-51	37-53	37-56	38-57
	130 Pa-N		35-51	36-52	36-53	37-55	38-58	38-58
	180 Pa-N		35-53	37-56	37-56	38-58	39-61	40-62
Water flow	Cooling 3 coils	kg/h	1049	1290	1548	1978	2322	2353
		l/s	0.291	0.358	0.430	0.549	0.645	0.654
	Heating 1 coil	kg/h	360	445	546	700	809	836
		l/s	0.100	0.124	0.152	0.195	0.225	0.232
Hydraulic pressure	kPa	8.7	11.7	16.8	25.4	35	38	
Fan type	-	Impeller with forward curved blades						
Motor	Type	EC motor						
	Insulation	Class B						
	Power supply	220~230 V/ 1 Ph / 50-60 Hz						
Heat exchanger	Type	Copper pipes with aluminum fins						
	No. of coils	3+1						
	Max. running pressure	1.6 MPa						
Water inlet/outlet	-	ZG3" /4	1" MPT	1" MPT	1" MPT	1" MPT	1" MPT	
Drain hole	-	3/4" MPT						
Dimensions	mm (W/L/H)	980*610*345	1080*610*345	1180*610*345	1380*610*345	1480*610*345	1480*610*345	
Packaging dimensions	mm (W/L/H)	1010*640*370	1110*640*370	1210*640*370	1410*640*370	1510*640*370	1510*640*370	
Net weight	kg	39	42	49	55	61	62	
Gross weight	kg	44	48	56	63	70	69	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. The sound pressure level is measured in an acoustic chamber, with the measuring point located 1 m in front of and 1 m below the line passing through the vertical center of the unit.

3. The static pressure is measured at the heat exchanger outlet the filter off.

High-pressure duct fancoils with EC motor, four-pipe (BLFC-...-CH-4-DC/1A)

Specification	Standard size	180	200	250	310	360	
Air flow	High	m ³ /h	3220	3400	4295	5370	6260
	Medium	m ³ /h	2801	2958	3694	4565	5384
	Low	m ³ /h	2415	2550	3264	3974	4570
Total cooling capacity [kW]	High		15.80	16.68	20.80	27.00	31.40
	Medium		13.75	14.51	18.30	24.03	27.32
	Low		13.11	13.85	17.47	22.68	26.38
Apparent cooling capacity [kW]	High		11.80	12.46	15.30	19.60	23.10
	Medium		9.91	10.47	13.01	16.66	19.17
	Low		9.09	9.59	11.63	15.09	17.79
Heating capacity [kW]	High		11.25	11.26	14.45	18.99	22.14
	Medium		10.01	10.57	13.14	17.28	19.48
	Low		9.45	9.98	12.28	15.57	18.38
Power consumption	12 Pa-V		563	495	638	818	960
	30 Pa-V		595	546	672	861	1022
	50 Pa-V		582	618	756	936	1104
Max. current	A	2.6	2.8	3.4	4.3	5.0	
Static pressure	Pa	60 Pa/110 Pa/160 Pa					
Noise level [dBA]	80 Pa-N		38-57	38-58	38-60	40-62	40-64
	130 Pa-N		38-60	39-61	40-63	41-65	41-66
	180 Pa-N		40-63	40-64	41-66	42-68	43-70
Water flow	Cooling 3 coils	kg/h	2718	2870	3578	4644	5401
		l/s	0.755	0.797	0.994	1.290	1.500
	Heating 1 coil	kg/h	968	968	1242	1633	1904
		l/s	0.269	0.269	0.345	0.454	0.529
Hydraulic pressure	kPa	43.5	45	25.4	39.5	48.7	
Fan type	-	Impeller with forward curved blades					
Motor	Type	EC motor					
	Insulation	Class B					
	Power supply	220~230 V/ 1 Ph / 50-60 Hz					
Heat exchanger	Type	Copper pipes with aluminum fins					
	No. of coils	3+1					
	Max. running pressure	1.6 MPa					
Water inlet/outlet	-	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	1 1/4" MPT	
Drain hole	-	3/4" MPT					
Dimensions	mm (W/L/H)	1280*660*445	1380*660*445	1780*660*445	1980*660*445	2180*660*445	
Packaging dimensions	mm (W/L/H)	1310*690*470	1410*690*470	1810*690*470	2010*690*470	2210*690*470	
Net weight	kg	65	69	85	107	116	
Gross weight	kg	73	77	93	116	125	

Note:

1. Nominal test conditions:

Cooling: inlet air temperature 27 °C CT/19.5 °C BT; inlet water temperature 7 °C, outlet temperature 12 °C.

Heating: inlet air temperature 21 °C; inlet water temperature 60 °C, same water flow as for cooling.

2. The sound pressure level is measured in an acoustic chamber, with the measuring point located 1 m in front of and 1 m below the line passing through the vertical center of the unit.

3. The static pressure is measured at the heat exchanger outlet the filter off.

Thermostat

BLFC-WC669



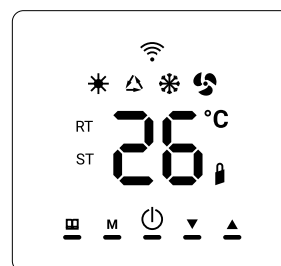
Description

- Compatible with inline and casing-based fancoil units.
- Users can select the operating mode (air conditioning, heating, or ventilation), change the fan speed, and set the temperature.
- The current operating status of the fancoil unit and the preset values are shown on the display.
- Informed by comparing the room temperature and the user-set temperature, the thermostat automatically controls the EC motor and the electrically actuated valve to achieve the desired temperature in the most efficient way.

Technical data

Temperature sensor	Thermistor
Temperature control accuracy	±1 °C
Installation room	60 mm (standard)
Operating temperature range	220 ± 10 V
Power supply	800 W
Maximum motor power	PC+ABS fire-resistant plastic
Casing	5~35 °C (adjustable)
Control range	5~35 °C (adjustable)

Functions



	Wi-Fi
	Lock
	Heating mode
	Automatic speed of fans
	Air conditioning mode
	Ventilation mode
	Menu
	Fan speed
	ON / OFF
	Down
	Up

Valve series

BLFC-3V20M-BLFC-3V20T

- No special tools required for installation.
- Quiet operation and reliability throughout the entire service life.
- Display scale shows the valve position and operation.



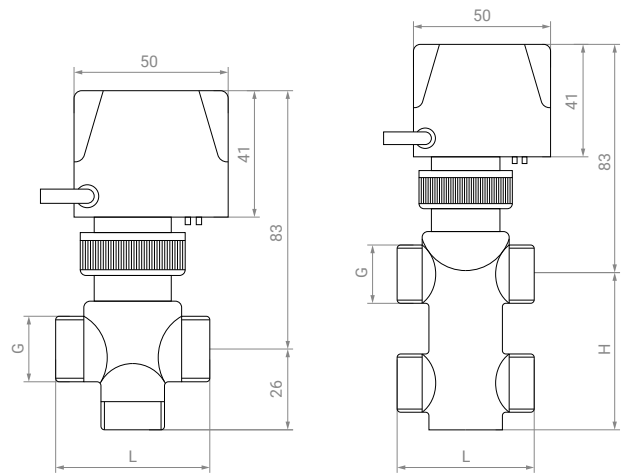
Description

- The series of electrically actuated valves is used to open or shut off the water supply to the pipes of central heating and cooling systems in air conditioning systems to regulate the indoor temperature.
- The valve is installed in a hot or cold water pipe.
- The valve actuator is controlled by a thermostat installed in the room.
- The valve is closed by default when the actuator is disabled (power is off).
- When the room temperature does not reach the set value, the thermostat controls the valve actuator power supply and actuates it, opening the valve to enable cold or hot water to flow to the heat exchanger and maintain a comfortable room temperature. When the room temperature reaches the set value, the actuator power supply is turned off and the valve is closed by a return spring, cutting off the supply of cold or hot water.

Technical data

Power supply	AC 220 V
Nominal pressure	brass
Water temperature	2 W
Valve material	3 mm
Nominal diameter	3~5 min
Power	Overall dimensions
Step	3 mm
Rod travel time	3~5 min
Protection rating	IP54

Overall dimensions



blaubergventilatoren.net

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The Company reserves the right to modify its products at any time in order to incorporate the latest technological developments without prior notice.