



BHW



LOW SILHOUETTE CLIMATE-CONTROL UNIT
Low-medium capacity | Centrifugal fans

Flexible and adaptable applications for water installations

Low-silhouette fan coil units are equipped with an exchanger made of copper tubes and aluminium fins.

MAIN FEATURES

- Maximum cooling capacities ranging from 4.5 to 25 kW
- Exchanger made of copper tubes and aluminium fins
- Centrifuge fans driven by three-speed motors
- External cabinet manufactured in high-quality steel sheet covered with an aluminium, zinc and silicon alloy
- Inside, the unit is fitted with thermo-acoustic insulation

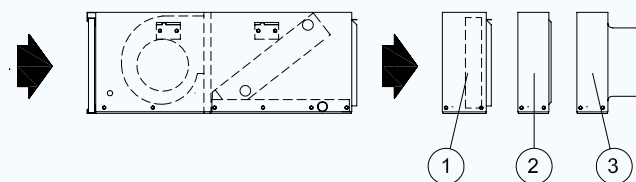
ADVANTAGES

- Easy maintenance
- Maximum adaptability to the requirements of the facility
- Low sound level
- Compatible with the Hydrofan system, as long as it is equipped with a 3-speed motor and open-close valves

APPLICATIONS

- Thanks to its reduced height it can be installed in false ceilings, either supported or suspended
- Especially suitable for commercial premises and large spaces

POSSIBLE AIR INLET/OUTLET CONFIGURATIONS



1. Electric heating plenum
2. Discharge plenum
3. Tubular discharge plenum

BHW SERIES

MODEL		174	205	358	410
Water temp. cooling capacity 7 °C	Speed I-II-III (kW)	3.1 x 4.1 x 4.5	4.4 x 5.0 x 5.3	6.0 x 5.9 x 8.9	7.9 x 9.1 x 10.8
Water temp. heating capacity 50 °C	Speed I-II-III (kW)	4.5 x 5.8 x 6.3	6.4 x 7.1 x 7.5	8.6 - 9.7-11.9	11.1 x 12.6 x 14.9
Water temp. heating capacity 70 °C	Speed I-II-III (kW)	7.6 x 9.8 x 10.7	10.8 - 12.1- 12.7	14.6 x 16.5 x 20.1	18.8 x 21.4 x 25.2
Total power input	kW	0.2	0.3	0.5	0.6
Power supply (50 Hz ~)	V	230.1	230.1	230.1	230.1
Water flow speed I-II-III	l/h	530 x 690 x 760	760 x 850 x 895	1,030 x 1,180 x 1,440	1,360 x 1,560 x 1,850
Air flow speed I-II-III	m ³ /h	600 x 900 x 1,050	950 x 1,130 x 1,220	1,100 x 1,340 x 1,850	1,400 x 1,700 x 2,200
Available pressure speed I-II-III	Pa	20 x 25 x 30	25 x 30 x 40	60 x 70 x 80	60 x 75 x 80
Water connections	Ø (")	3/4	3/4	3/4	3/4
Dimensions (width x length x height)	mm	829 x 791 x 219	829 x 791 x 258	915 x 791 x 285	915 x 791 x 315
Net weight	kg	30	34	44	45
MODEL		515	720	724	
Water temp. cooling capacity 7 °C	Speed I-II-III (kW)	12.2 x 13.9 x 15.3	20.2	25	
Water temp. heating capacity 50 °C	Speed I-II-III (kW)	16.1 x 18.2 x 19.7	26.5	32.7	
Water temp. heating capacity 70 °C	Speed I-II-III (kW)	27.2 x 30.8 x 33.5	44.8	55.5	
Total power input	kW	0.6	0.8	1.6	
Power supply (50 Hz ~)	V	230.1	230.1	230.1	
Water flow speed I-II-III	l/h	2,090-2,360-2,565	3,365	4,190	
Air flow speed I-II-III	m ³ /h	2,200-2,600-2,900	3,850	5,200	
Available pressure speed I-II-III	Pa	30 x 40 x 55	50	50	
Water connection	Ø (")	1	1 1/4	1 1/4	
Dimensions (width x length x height)	mm	1,200 x 826 x 352	1,350 x 900 x 412	1,350 x 900 x 412	
Net weight	kg	62	80	80	

AVAILABLE OPTIONAL FEATURES



ENERGY SAVING

- Gravimetric filter in return G4



NOISE LEVEL

- Double thermo-acoustic insulation



UNIT INSTALLATION

- Power supply at 60 Hz and voltages of 230, 208, etc.
- Panel with fan contact, thermal relay and circuit breaker
- Pressure models (depending on models)
- Opposite-side connections
- Grille discharge plenum
- Tubular discharge plenum (depending on models)
- Fireproof filter class M1
- Thermal insulation Euroclass A1 (M0)
- Heating coils for hot water
- Additional coil for 4-tube operation
- Thermostats
- 2-way valves
- 3-way valves

- Condensation tray
- Return sensor
- Auxiliary electric heater
- Anti-corrosion treated coils
- Filter with lower outlet
- Nozzle filter
- General switch
- Prepared for vertical assembly



MAINTENANCE

- Detector of dirty filters
- Split filter



REGULATION AND CONTROL

- Operation for Hydrofan
- Alarm signalling
- Smoke detection
- Remote run/stop

As well as these options, please check with our Commercial Department for any other configuration or function not described as available.