

EHW



HORIZONTAL CLIMATE-CONTROL UNIT
Low-medium capacity | Centrifugal fans

Flexible and adaptable applications for water installations

The EHW series are ceiling climate-control units designed to complement and optimise air-conditioning using hydronic systems.

MAIN FEATURES

- Maximum cooling capacities ranging from 18 to 110 kW
- Airflows up to 18,000 m³/h
- Can be integrated into the Hydrofan system
- Option for outside assembly
- Exchanger made of copper tubes and aluminium fins

ADVANTAGES

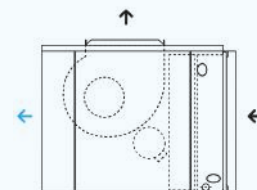
- Easy maintenance
- Maximum adaptability to the requirements of the facility
- Low sound level
- Compatible with the Hydrofan system, as long as it is equipped with a 3-speed motor and open/close valves

APPLICATIONS

- Commercial premises and large rooms that need considerable air flows

POSSIBLE AIR INLET/OUTLET CONFIGURATIONS

- Standard
- Optional



EHW SERIES

MODEL		518	725	830	1036	1042	1250
Water temp. cooling capacity 7 °C	kW	18	25	30	36	42	50
Water temp. heating capacity 50 °C	kW	26.7	36	32.9	50	57.7	69.9
Water temp. heating capacity 85 °C	kW	59.3	79.2	94.2	110	127	145
Total power input	kW	0.6	0.8	1.1	0.8	1.1	1.5
Power supply (50 Hz ~)	V	230.3 or 400.3+N	230.3 or 400.3+N	230.3 or 400.3+N	230.3 or 400.3+N	230.3 or 400.3+N	230.3
Water flow	l/h	2,978	4,637	5,381	6,028	6,841	7,753
Airflow	m ³ /h	3,500	4,200	5,200	5,500	6,500	8,200
Available static pressure	Pa	80	105	74	108	80	70
Water connections	Ø (")	1 1/4	1 1/2	1 1/2	2	2	2
Dimensions (length x width x height)	mm	1,085 x 750 x 580	1,130 x 900 x 650	1,130 x 900 x 650	1,700 x 870 x 650	1,700 x 870 x 650	1,700 x 870 x 650
Net weight	kg	108	150	150	214	214	217
MODEL		1657	2069	2476	3097	35110	
Water temp. cooling capacity 7 °C	kW	57	69	76	97	110	
Water temp. heating capacity 50 °C	kW	82.8	100	110	132	155	
Water temp. heating capacity 85 °C	kW	183	220	241	290	342	
Total power input	kW	2.2	3	3	4	4	
Power supply (50 Hz ~)	V	230.3 or 400.3+N	230.3 or 400.3+N	230.3 or 400.3+N	230.3 or 400.3+N	230.3 or 400.3+N	
Water flow	l/h	9,676	11,776	12,829	15,534	17,575	
Airflow	m ³ /h	9,500	11,200	12,500	14,800	18,000	
Available static pressure	Pa	113	145	150	180	205	
Water connections	Ø (")	2	2	2	2 1/2	2 1/2	
Dimensions (length x width x height)	mm	2,000 x 937 x 747	2,600 x 980 x 752	2,600 x 980 x 752	2,800 x 1.050 x 915	2,800 x 1.050 x 915	
Net weight	kg	291	356	356	452	558	

AVAILABLE OPTIONAL FEATURES

 ENERGY SAVING

- Option of mixing module for freecooling with two or three dampers
- EC radial ventilation

 AIR QUALITY

- Gravimetric filter in return G4
- Opacimetric filter in return class F6 to F9 (combinable with a G4 or Fx+Fy)

 NOISE LEVEL

- Double thermo-acoustic insulation

 UNIT INSTALLATION

- Power supply at 60 Hz and voltages of 230, 208, etc.
- Kit for outdoor installation
- Pressure motors
- Fireproof filter class M1
- Thermal insulation Euroclass A1 (M0)
- Opposite-side connections
- Thermostats
- 2-way valves
- 3-way valves

- Condensation tray
- Return sensor
- Base guides
- Horizontal air evaporation discharge
- Heating coils for hot water
- Heating coils for 4-tube systems
- Auxiliary electric heater
- Anti-corrosion treated coils
- Prepared for disassembly

 MAINTENANCE

- Detector of dirty filters
- Split filter

 REGULATION AND CONTROL

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

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