

CLW



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

Flexible and adaptable applications for water installations

Indoor climate-control units for connection to vertical ducts, designed to complement and optimise air-conditioning using hydronic systems.

MAIN FEATURES

- Maximum cooling capacities ranging from 7.6 to 47.6 kW
- Airflows up to 8,200 m³/h
- Can be integrated into the Hydrofan system
- Option for outside assembly
- Exchanger made of copper tubes and aluminium fins
- Centrifugal fans with pressure available

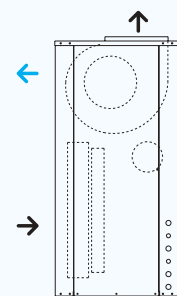
ADVANTAGES

- 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

POSSIBLE AIR INLET/OUTLET CONFIGURATIONS

→ Standard

→ Optional



APPLICATIONS

- Commercial premises and large rooms that need considerable air flows
- Especially suitable for spaces where it is difficult to place units

CLW SERIES

MODEL		270	412	515	720	824
Water temp. cooling capacity 7 °C	kW	7.6	14	15.6	18.6	22.4
Water temp. heating capacity 50 °C	kW	11.7	20.7	23.5	27.9	29.2
Water temp. heating capacity 85 °C	kW	25.8	45.6	51.8	61.4	64
Total power input	kW	0.3	0.5	0.6	0.8	0.4
Power supply (50 Hz ~)	V	230.1	230.1 - 400.3+N	230.3 - 400.3+N	230.3 - 400.3+N	230.3 - 400.3+N
Water flow	l/h	1,314	2,411	2,684	3,193	3,859
Airflow	m ³ /h	1,900	2,801	3,500	4,200	3,500
Available pressure	Pa	100	50	150	135	100
Water connections	Ø (")	3/4	1	1	1 1/4	1 1/2
Dimensions (length x width x height)	mm	697 x 500 x 1.000	697 x 500 x 1.000	757 x 500 x 1.100	1,152 x 600 x 1.200	1,152 x 600 x 1.200
Net weight	kg	45	71	94	115	151
MODEL		830	1036	1042	1250	
Water temp. cooling capacity 7 °C	kW	29.5	36.7	41	47.6	
Water temp. heating capacity 50 °C	kW	40.1	48.6	55.7	66.9	
Water temp. heating capacity 85 °C	kW	88	107	122	147	
Total power input	kW	1.1	0.8	1.1	1.5	
Power supply (50 Hz ~)	V	230.3 - 400.3+N	230.3 - 400.3+N	230.3 - 400.3+N	230.3 - 400.3+N	
Water flow	l/h	5,079	6,313	7,052	8,191	
Airflow	m ³ /h	5,200	5,500	6,500	8,200	
Available pressure	Pa	100	85	75	85	
Water connections	Ø (")	1 1/2	2	2	2	
Dimensions (length x width x height)	mm	1,152 x 600 x 1.200	1,700 x 600 x 1.300	1,700 x 600 x 1.300	1,700 x 600 x 1.300	
Net weight	kg	151	171	171	182	

AVAILABLE OPTIONAL FEATURES

 ENERGY SAVING

- Option of mixing box with servo
- Fan soft-start
- 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 230, 208, etc. (depending on models)
- Kit for outdoor installation
- Pressure motors
- Fireproof filter class M1
- Thermal insulation Euroclass A1 (M0)
- Opposite-side connections
- 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
- Intake grille

 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.