



Ducted type fan-coils with wall mounted controls or with remote control 4,8 - 29 kW

Unit Description

HWD are Climaveneta ducted hydronic terminal units. The fan units at available working pressures, through internal insulation, ensure excellent acoustic comfort levels. The compactness and ease of installation make HWD a suitable hydronic terminal unit for any type of setting.

Commands

PTH2 wall controller

ON/OFF-summer/winter switch, resistor switch, thermostat, switch for 3 fan speeds, auxiliary controls.

PCT wall controller

Off/summer/winter selector switch. Room temperature control. Room temperature sensor. Coil temperature sensor. Three speed air flow control. Continuous fan speed. Window sensor. Available infrared remote control.

PCE and PCE PWM wall controller

Off/summer/winter/auto selector switch. Room temperature control. Room temperature sensor. Coil temperature sensor. Three speed air flow control + auto. Automatic summer/winter switching. Automatic ON/OFF valve control. Continuous fan speed. Available infrared remote control. PWM valve unit control.

Versions

HWD	Electromechanical hydronic terminal unit with wall mounted controls
HWDE	Electronic hydronic terminal unit managed by remote control

Features

The high efficiency, low pressure drop, finned coils made from copper tubes and high exchange surface area aluminium fins are 100% tested for leaks with dried air at 30 bar;

Electrical power and control switchboard complete with electronic air flow regulator and terminal blocks for connection to power supply and remote control;

Internal insulation in closed cell expanded polyethylene with suitable thick to limit heat loss and noise emission;

The fan unit high pressure are fitted with balanced impellers to guarantee minimum noise levels;

Structure and base plate in hot-dip galvanised steel for maximum resistance to rust;

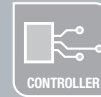
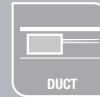
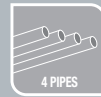
Extra modules available as accessories to the standard unit;

Remote control to manage main unit functions to provide a total environment comfort. Full Auto function;

Arrangement for electronic control of two on/off or modulating valve unit in the water circuit;

Main accessories

- Interface SPB Kit
- IR receiver and remote control for CE/PCE controller
- Hot water coil kit
- Air purifier module with activated carbon filter
- Heating element module
- Humidifier module
- Delivery and intake plenum
- Delivery plenum for round ducts
- Two way intake plenum with air lock
- Condensate drain pump



HWD

Models		602	703	803	904	1003	1104
Total output cooling capacity(1)	kW	4,80	6,20	8	9,70	11,5	15,1
Sensitive output cooling capacity(1)	kW	3	4	5,20	6,50	7,40	10,2
Total output heating capacity(2)	kW	6,61	8,48	10,5	12,1	14,8	18,7
Output supplementary coil(3)	kW	9,10	9,10	11,8	11,8	16,7	18
Pressure drop main coil(1)	kPa	12	8	14	13	24	23
Pressure drop additional coil(3)	kPa	9	9	14	14	13	15
Absorbed power	kW	0,37	0,37	0,44	0,44	0,90	0,90
Absorbed current at nominal conditions	A	1,30	1,30	1,55	1,55	3,50	3,50
Nominal air flow	m3/h	1300	1300	1600	1600	2200	2500
Useful head (basic unit with filter)	Pa	60	60	60	60	60	60
Hydraulic connections main coil	inch	1/2"	1/2"	3/4"	3/4"	1"	1"
Hydraulic connections supplementary coil	inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Sound pressure level(4)	dB(A)	57	57	61	61	67	69
Electrical power supply	V-Ph-Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
DIMENSION							
L	(mm)	900	900	1050	1050	1250	1250
H	(mm)	295	295	295	295	315	315
P	(mm)	690	690	690	690	750	750
Weight	kg	41	43	50	52	63	65

Data referred to

- 1 Operation in cooling mode: room temperature 27°C d.b./19°C w.b., chilled water at inlet 7°C and at outlet 12°C
- 2 Operation in heating mode: room temperature 20°C d.b., hot water at inlet 50°C, with identical flow rate that in the cooling mode
- 3 Operation in heating mode: room temperature 20°C d.b., hot water at inlet 70°C and at outlet 60°C
- 4 Noise level measured at 1 m in open field conditions

HWDE

Models		602	703	803	904	1003	1104
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Dimension

