

FROM 2,1 KW TO 5,4 KW.

HWW/EC 22÷62 EURICE

WALL MOUNTED FAN COIL UNITS WITH EC INVERTER TANGENTIAL FAN.



The hydronic Fan Coil units of the HWW/EC series are designed for wall-mounted installation in domestic environments or service sector including offices and shops. Part of an hydronic system equipped with a liquid Chiller, the HWW/EC wall-mounted Fan Coil unit generates cool air silently and with instantaneous reaction. During the winter, if combined with a boiler or heat pump, it provides warm air, making it possible to meet home or business heating needs.

A filter, which absorbs and retains dust in suspension, allows to keep the air quality at a suitable level and its easy removal enables continuous cleaning cycles to be carried out which are particularly important in order to guarantee suitable hygiene standards in highly frequented rooms. HWW/EC is provided with remote control, 3-Way valve, flexible hydraulic hook-ups for easy installation and maintenance operations, and is also pre-set for master-slave functioning, with RS485 serial interface. The units are equipped with EC Inverter motor that can modulate the air flow ensuring a perfect adaptability to the load without any temperature fluctuations achieving superior performance compared to the traditional solutions even from energy consumption point of view.

eurice®
EC INVERTER FAN

VERSION

HWW/EC

Base unit with 3-Way valve and remote control

FEATURES

- High design appearance with rounded lines, structure in ABS with improved mechanical features resistant to aging.
- Heat exchanger coils with copper pipes and aluminium fins with elevated heat exchanging surfaces; equipped with air blowing in condensation drain.
- 3-Way water valve incorporated inside the unit.
- Tangential fan unit with EC INVERTER motor, maximum silent operations, air flow fins with adjustable horizontal direction and motorized deflector fin controllable via remote control.
- Microprocessor control with timer for on/off programming. Program for automatic operations, cooling, heating and ventilation; night wellness program and dehumidifier.
- Automatic restarting after power outage
- Flexible water connections for easy installation and maintenance operations.
- Easy removal and cleaning of air filter, maintaining appropriate air quality.
- Infrared remote control with wall support.

ACCESSORIES

LOOSE ACCESSORIES

- EH Supplementary electrical heater
- DRC Wall mounted automatic electronic control panel

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MODEL			22	23	32	42	52	62
Cooling	Total cooling capacity (1)	kW	2.07	2.49	3.02	3.74	4.81	5.38
	Sensible cooling capacity (1)	kW	1.52	1.81	2.22	2.74	3.46	3.89
	Water flow (1)	l/h	355	427	525	642	826	924
	Pressure drops	kPa	22	28	39	38	45	52
Heating	Heating capacity (2)	kW	2.70	3.21	3.93	4.87	6.10	6.85
	Water flow (2)	l/h	355	427	525	642	826	924
	Pressure drops	kPa	18	23	32	29	34	40
Water connections	In / Out	"G	½"	½"	½"	½"	½"	½"
Air flow	Max	m³/h	500	500	645	788	980	1240
	Min	m³/h	290	290	370	570	600	600
Electrical characteristics	Power supply	V/Ph/Hz	230/1/50					
	Max absorbed power	kW	0.014	0.014	0.020	0.030	0.042	0.060
Sound pressure	Max (3)	dB(A)	37	37	43	46	40	45
	Min (3)	dB(A)	26	26	29	34	30	30
Weights	Transport weight	Kg	14	15	15	16	18	18
	Operating weight	Kg	12	13	13	14	16	16

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DIMENSIONS			22	23	32	42	52	62
L	STD	mm	875	875	875	875	1060	1060
W	STD	mm	220	220	220	220	240	240
H	STD	mm	300	300	300	300	310	310

CLEARANCE AREA

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NOTES

1. Ambient air temperature 27 °C d.b./19 °C w.b., water temperature 7/12 °C.
 2. Ambient air temperature 20 °C d.b., water temperature 50 °C.
 3. Sound pressure level measured at 1 m from the unit with reverberation time 0,5 s.
- N.B. Maximum operating pressure 1000 kPa.
N.B. Maximum inlet water temperature 70 °C.
N.B. Inhibited ethylene glycol can be added to the water.