

Wall mounted models

# MPW



These models are particularly recommended for rooms in which the floor has to be kept clear, or where water is distributed via a false ceiling.

The active carbon filter, available as an optional extra, deodorises the air in the room. It supplements the standard filter, which captures dust

### Functions

- Cooling or heating by means of a water heat exchanger with 2 pipes
- Fan with integrated filter.

### Mandatory accessories

- 3-way valve kit

- **Elegant design**
- **5 models, 4 power levels**
- **Compact appliances**
- **Range with infrared remote control as standard**
- **Identical appearance of all models**

MPW1Z5B (with remote control) / MPW1Z5X (with remote control) models are already fitted with an incorporated 3-way valve.

Type	Model	Code
Active carbon filter ( 2 pieces )	MPW 1 / 2 B5B/B5X	397021909
	MPW 3 / 4 B5B/B5X	397021910
Remote control with manual switching RAB 30 Valve adjustment	MPW 1 / 2 / 3 / 4 B5B	70250076
	MPW 1 BE5B*	
Remote control with automatic switching RCC 10 Valve adjustment	MPW 1 / 2 / 3 / 4 B5B	70250051
Remote control with automatic switching RCC 20 Valve adjustment (valve mandatory with electric heating)	MPW 1 BE5B	70250052
Room temperature sensor for RCC (Automatic switching)	MPW 1 / 2 / 3 / 4 B5B	70250053
	MPW 1 BE5B	
Remote room temperature sensor, in casing, for RCC	MPW 1 / 2 / 3 / 4 B5B	70250054
	MPW 1 BE5B	
3-way valve + by-pass – motorised 230 V/1/50 Hz ON/OFF operation – 1/2" M connection – Kvs 1.6 (to be fitted outside the appliance during installation work)	All	70600071

\* For cooling-only systems 2 pipes with valve + electric heating element



MPW					
Model	MPW 1	MPW 1 BE	MPW 2	MPW 3	MPW 4
Type	2 pipes	2 pipes + E	2 pipes	2 pipes	2 pipes
Codes - Models with remote control /with incorporated 3-way valve	MPW 1 B5X	-	MPW 2B5X	MPW 3B5X	MPW 4B5X
Codes - Models without remote control /with incorporated 3-way valve	MPW 1 B5B	MPW 1BE5B	MPW 2B5B	MPW 3B5B	MPW 4B5B
Total cooling capacity (kW)(1) BV/MV/AV	0,80 / - / 1,24	0,80 / - / 1,24	0,96 / - / 1,67	1,91 / 2,53 / 3,17	2,62 / 3,14 / 3,67
Sensible cooling capacity (kW)(1) BV/MV/AV	0,58 / - / 0,94	0,58 / - / 0,94	0,74 / - / 1,3	1,53 / 1,89 / 2,56	2,12 / 2,50 / 3,01
Heating capacity (kW) (2) BV/MV/AV	1,11 / - / 1,72	1,11 / - / 1,72	1,49 / - / 2,38	2,70 / 3,50 / 4,50	3,70 / 4,50 / 5,50
Heating capacity with electric heating element (kW)	-	0,5	-	-	-
Air flow rate (m3/s-m3/h)	BV	0,042 - 150	0,042 - 150	0,05 - 180	0,089 - 320
	MV	-	-	-	0,111 - 400
	AV	0,061 - 220	0,061 - 220	0,075 - 270	0,142 - 510
Water flow rate in cooling mode (l/h) (1) AV	215	215	290	545	630
Pressure drop in cooling mode (kPa)(1) AV	16,1	16,1	27,2	20,0	27,0
Pressure drop in heating mode (kPa)(2) AV	15,3	15,3	26,2	19,0	26,0
Electricity supply (V/ph/Hz)	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Total power consumption (kW) AV	0,025	0,525	0,025	0,075	0,08
Total current (A) AV	0,11	2,3	0,11	0,33	0,36
Hydraulic connection	1/2" G female	1/2" G female	1/2" G female	1/2" G female	1/2" G female
Sound power level (dBA) BV/MV/AV	32 / - / 41	32 / - / 41	35 / - / 45	46 / 52 / 58	48 / 53 / 59
Sound pressure level (dBA)at a distance of 2 m indoors BV/MV/AV	23 / - / 32	23 / - / 32	26 / - / 36	37 / 43 / 49	39 / 44 / 50

The sound pressure levels of TECHNIBEL products conform to European standard EN 12102

10 kPa = 1mCE

Nominal conditions

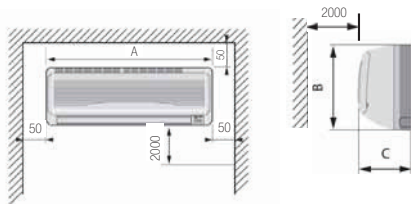
(1) Air inlet 27°C (DB) / 19°C (WB)  
 Water inlet 7°C  
 Water outlet 12°C

(2) Air inlet 20°C  
 Water inlet 50°C (same water flow rate as for conditions in (1))  
 Max. T of water generated 60°C



## Installation clearances

(Refer to the installation manual for full information)



dimensions in mm

	A (mm)	B(mm)	C(mm)	Weight(Kg)
MPW 1	805	270	215	8
MPW 2	805	270	215	8
MPW 3	995	285	240	11
MPW 4	995	285	240	11