



## Idro Breeze

### Wall hung fan coil

#### Master-Slave system



#### EC motor



#### Valve 3-way



#### REM-I



#### REM2-W



- New series of wall-hung fan coil units.
- Terminal units for air handling which, in combination with a chiller, a heat pump or a boiler, can be used either in the winter or in the summer.
- Particularly flexible, they are suitable for meeting air climatisation and air conditioning requirements for both hotel applications and a wide range of commercial and residential uses.
- Available in 4 models with nominal cooling capacity from 1 to 3.71 kW and nominal heat output from 1.2 to 4.06 kW, they are suitable for wall installation. The compact dimensions provide a pleasant visual impact. The covering cabinet built with ABS guarantees high mechanical characteristics and resistance to aging, and also acts as the bearing structure of the unit. The fan unit consists of a tangential fan with low consumption EC motor.
- The units are equipped with a display showing the selected operating mode and the set room temperature.
- To allow easy installation, all units in the series are equipped with flexible hydraulic pipes; they are also equipped with valves inserted inside the unit and easily accessible from the front panel.
- The use of the three-way valve prevents excessive cooling of the unit when the fan stops, and the unpleasant formation of condensation on the casing of the machine.
- The units are designed to be connected in Master-Slave system to control multiple units through a single controller.
- There are two options available for unit control. It is necessary to select at least one of the two. With Master-Slave control, at least one of the two controls must be selected for each installed group of units.
- **Infrared remote control REM-I. (supplied as standard)** This sets all of the unit's essential functions. Equipped with an LCD display for easy and immediate viewing of all the active functions and the various parameters necessary for correct use. The control comes with a support that fixes it in the most easily accessible position. It allows to control up to a distance of 7 m
- **Wired control for wall application REM2-W (supplied as accessory)** This allows to control all machine parameters and measures the local temperature. With a Master-Slave system, this allows the individual control of each unit.

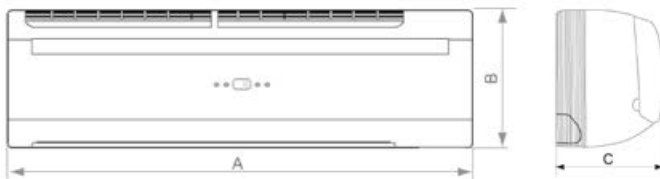
Code	Model
2CP000VL	<b>IDRO BREEZE 15</b>
2CP000WL	<b>IDRO BREEZE 25</b>
2CP000XL	<b>IDRO BREEZE 35</b>
2CP000YL	<b>IDRO BREEZE 45</b>
2C09710F	<b>REM2-W</b>

MODEL			15	25	35	45
Power supply	V-F-Hz		230-1-50			
Air flow rate	max.	m³/h	370	500	645	788
	med.	m³/h	290	370	500	740
	min.	m³/h	220	290	370	570
N° fans	N°		1	1	1	1
Power input (E)	max.	W	13	18	22	30
	med.	W	10	13	15	20
	min.	W	5	10	10	13
Assorbimento motore	max.	A	0,11	0,16	0,19	0,26
Coil water content	l		0,045	0,0789	0,124	0,192
Sound power (E)	max.	dB(A)	42	45	54	58
	med.	dB(A)	38	35	43	53
	min.	dB(A)	33	33	40	46
Sound pressure (1)	max.	dB(A)	34	39	45	49
	med.	dB(A)	29	31	34	44
	min.	dB(A)	24	26	31	37
Hydraulic connection	F	"	1/2" F	1/2" F	1/2" F	1/2" F
Condensate drain connection		mm	16	16	16	16
Valve	Type		3 way ON-OFF			
Connection		"	1/2"	1/2"	1/2"	1/2"
Heating capacity (2)(E)	max.	kW	1,2	2,23	3,25	4,06
	med.	kW	1	1,76	2,65	3,86
	min.	kW	0,82	1,38	2,07	3,12
Water flow rate (2)	max.	l/h	205	380	552	690
	med.	l/h	170	301	456	656
	min.	l/h	140	235	352	532
Water pressure drop on water side (2)(E)	max.	kPa	18	29	39	52
	med.	kPa	14	19	28	46
	min.	kPa	9	12	17	32
Total cooling capacity (3)(E)	max.	kW	1	1,82	3,01	3,71
	med.	kW	0,84	1,43	2,47	3,26
	min.	kW	0,68	1,21	1,86	2,66
Sensible cooling capacity (3)(E)	max.	kW	0,85	1,53	2,22	2,74
	med.	kW	0,71	1,2	1,81	2,4
	min.	kW	0,57	1	1,35	1,94
Water flow rate (3)	max.	l/h	172	313	518	638
	med.	l/h	144	246	425	561
	min.	l/h	117	208	320	458
Water pressure drop on water side (3)(E)	max.	kPa	23	29	38	50
	med.	kPa	17	19	28	40
	min.	kPa	12	12	16	28

**NOTE:**

- (1) Sound pressure level in 100m³ room with 0.5sec of reverberation time
- (2) Air T=20°C D.B., water IN/OUT 45°/40°C, Δt water 5°C
- (3) Air T=27°C D.B. / 19°C W.B., Water IN/OUT 7°/12°C, Δt water 5°C
- (E) EUROVENT certified data

**Dimensions (in mm)**



MODEL	A mm	B mm	C mm	WEIGHT kg
15	876	300	228	11
25	876	300	228	12
35	876	300	228	13
45	876	300	228	14