

# CVCB NEW (2 tubi) CVCX NEW (4 tubi)

Inverter hydronic cassettes



## Technical and construction characteristics

The innovative hydronic cassettes CVCB NEW - CVCX NEW INVERTER with brushless motor are designed to meet the efficiency, silence and aesthetic requirements required by the market. The microprocessor control ensures accurate comfort in the environment.

The small dimensions meet the installation requirements in false ceilings thanks to the reduced dimensions of 57 x 57 cm or 84 x 84 cm in the more powerful versions.

CVCB NEW (2 pipes) cassette for 2 pipe system with electronic control and remote control

CVCX NEW (4 pipes) cassette for 4 pipe system with electronic control and remote control

Unit composition:

- High efficiency finned coils and low pressure drops; - Internal closed cell insulation to minimize damage thermal dispersion and acoustic emission;
- Infrared control with automatic flap movement;
- Pump for lifting condensate up to a maximum of 200 mm, present as standard.



INFRARED CONTROL AS STANDARD



SILENT VENTILATION



DC BRUSHLESS FAN



TWO PIPE SYSTEM



FOUR-PIPE SYSTEM



CONDENSATE PUMP AS STANDARD

Model	Thermal power kW	Cooling power kW	Code	€
<b>CVCB NEW 22 (2 tubi)</b>	<b>2,24</b>	<b>2,00</b>	<b>61031200</b>	<b>1.000,00</b>
<b>CVCB NEW 29 (2 tubi)</b>	<b>2,61</b>	<b>2,98</b>	<b>61041200</b>	<b>1.060,00</b>
<b>CVCB NEW 35 (2 tubi)</b>	<b>4,63</b>	<b>3,96</b>	<b>61061200</b>	<b>1.100,00</b>
<b>CVCB NEW 42 (2 tubi)</b>	<b>4,95</b>	<b>4,20</b>	<b>61081200</b>	<b>1.180,00</b>
<b>CVCB NEW 60 (2 tubi)</b>	<b>8,49</b>	<b>7,84</b>	<b>61091200</b>	<b>1.550,00</b>

Model	Thermal power kW	Cooling power kW	Codice	€
<b>CVCX NEW 35 (4 Tubi)</b>	<b>5,52</b>	<b>3,08</b>	<b>64020001</b>	<b>1.380,00</b>
<b>CVCX NEW 50 (4 Tubi)</b>	<b>5,97</b>	<b>3,05</b>	<b>64030001</b>	<b>1.490,00</b>
<b>CVCX NEW 60 (4 Tubi)</b>	<b>7,66</b>	<b>5,62</b>	<b>64040001</b>	<b>1.960,00</b>

## Accessories CVCB NEW (2 pipes) CVCX NEW (4 pipes)



3-way valve kit including 3-way valve with ON/OFF actuator complete with hoses

mod. CVCB NEW 22÷42	<b>61031201</b>	<b>108,00</b>
mod. CVCB NEW 60	<b>61031202</b>	<b>86,00</b>
mod. CVCX NEW 35-50	<b>64010017</b>	<b>202,00</b>
mod. CVCX NEW 60	<b>64010018</b>	<b>160,00</b>



Remote control follow me for mod. CVCB NEW / CVCX NEW

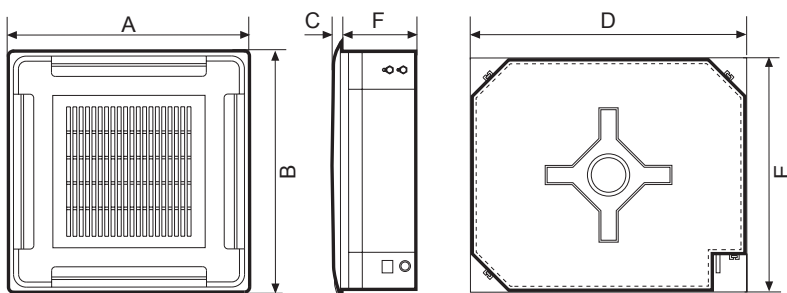
**63000071 176,00**



Digital wall control 1 for each unit for multiple management (from 2 to 6 units) for mod. CVCB NEW / CVCX NEW

**64010012 496,00**

## Dimensions CVCB NEW (2 pipes) CVCX NEW (4 pipes)



CVCB NEW (2 tubi)

CVCX NEW (4 tubi)

	22	29	35	42	60		35	50	60
A	647	647	647	647	950	A	647	647	950
B	647	647	647	647	950	B	647	647	950
C	50	50	50	50	45	C	50	50	46
D	575	575	575	575	840	D	575	575	840
E	575	575	575	575	840	E	575	575	840
F	261	261	261	261	300	F	261	261	300

Values in mm

# CVCB NEW (2 tubi) CVCX NEW (4 tubi)

Inverter hydronic cassettes

## Technical data table CVCB NEW (2 pipes)

DESCRIPTION			CVCB NEW 22	CVCB NEW 29	CVCB NEW 35	CVCB NEW 42	CVCB NEW 60
Air flow*		m <sup>3</sup> /h	322	535	719	781	1229
		CFM	189	314	422	459	722
Cooling <sup>1</sup>	Power*	kW	2,00	2,98	3,96	4,20	7,84
	Water flow *	m <sup>3</sup> /h	0,35	0,53	0,70	0,75	1,43
	Water side pressure drop*	KPa	5,00	10,00	11,48	12,32	22,00
	Power input*	W	5	15	28	43	75
Heating <sup>2</sup>	Power*	kW	2,24	2,61	4,63	4,95	8,49
	Water flow*	m <sup>3</sup> /h	0,42	0,64	0,83	0,87	1,71
	Water side pressure drop*	KPa	5,3	12,1	9,2	9,4	28,1
	Power input*	W	5	15	28	33	76
Sound pressure level* Power supply		dB(A)	27	39	42	43	44
Electrical absorption		A	0,15	0,20	0,30	0,40	0,40
Motor fan	Type		DC				
	Quantity		1				
	Brand		Panasonic				
	Model		WZDK37-38G	WZDK37-38G	WZDK37-38G	WZDK37-38G	WZDK80-38G
Fan	Type		Centrifugal blades, curved forward				
	Quantity		1				
Battery	Rangs		2				
	Max pressure	MPa	1,6				
	Length x height	mm	1315 x 210	1315 x 210	1315 x 210	1315 x 210	1960 x 2520
	Fin spacing	mm	1,3	1,3	1,3	1,3	1,45
	Fin type		Hydrophilic aluminium				
	Number of circuits		5	5	6	7	12
	Pipe diameter	mm	Ø 7				
Panel	Pack. dimensions WxHxD	mm	715x123x715	715x123x715	715x123x715	715x123x715	1035x90x1035
	Net weight	Kg	2,5	2,5	2,5	2,5	6
	Shipping weight	Kg	4,5	4,5	4,5	4,5	9
Base	Pack. dimensions WxHxD	mm	675x320x675	675x320x675	675x320x675	675x320x675	900x330x900
	Net weight	Kg	16,5	16,5	16,5	16,5	27
	Shipping weight	Kg	21,5	21,5	21,5	21,5	33
Connections	Water inlet/outlet pipe		3/4"	3/4"	3/4"	3/4"	3/4"
Connections	Drainpipe	mm	Ø 25	Ø 25	Ø 25	Ø 25	Ø 32

\* High fan speed

1 Cooling mode (2 and 4 pipe coil): entering air temperature 27°C DB /19°C WB, entering/leaving water temperature 7°C /12°C, high fan speed. 2 Heating mode (1): (2 pipe coil): inlet air temperature 20°C DB, inlet/outlet water temperature 45 / 40°C, high fan speed.

# CVCB NEW (2 pipes) CVCX NEW (4 pipes)

**Technical data table CVCB NEW (4 pipes)**

DESCRIPTION			CVCB NEW 35	CVCB NEW 50	CVCB NEW 60
Air flow (H/M/L)*		m <sup>3</sup> /h	727/569/451	731/572/462	1389/1149/929
		CFM	427/334/265	430/336/271	817/675/546
Cooling <sup>1</sup>	Power(H/M/L)*	kW	3,08/2,64/2,28	3,05/2,62/2,3	5,62/5/4,26
	Water flow (H/M/L)*	m <sup>3</sup> /h	0,56/0,48/0,41	0,54/0,47/0,40	1,04/0,9/0,77
	Water side pressure drop (H/M/L)*	KPa	13,2/9,4/7,0	16,8/13,1/10,3	15,9/12,4/9,0
	Power input (H/M/L)*	W	37/24/19	32/17/11	60/38/23
Heating <sup>2</sup>	Capacity (H/M/L)*	kW	5,52/3,53/2,98	5,97/3,66/3,09	7,66/6,35/5,44
	Water flow (H/M/L)*	m <sup>3</sup> /h	0,36/0,31/0,27	0,39/0,33/0,28	0,65/0,58/0,50
	Water side pressure drop (H/M/L)*	KPa	24,1/17,9/13,1	26,8/19,2/14,5	32,0/25,7/19,1
	Power input (H/M/L)*	W	28/16/10	32/16/10	61/38/23
Heating <sup>3</sup>	Capacity (H/M/L)*	kW	4,8/4,08/3,4	4,9/4,18/3,5	8,2/7,2/6,2
	Water flow (H/M/L)*	m <sup>3</sup> /h	0,42/0,36/0,31	0,46/0,38/0,33	0,73/0,66/0,56
	Water side pressure drop (H/M/L)*	KPa	30,4/22,2/16,7	36,1/25,9/19,0	39,5/32,5/23,8
	Power input (H/M/L)*	W	29/16/10	32/17/10	62/39/23
Sound pressure level (H/M/L)*		dB(A)	42/35/30	44/39/31	44/39/33
Power supply			230V/1/50Hz		
Electrical absorption	A		0,3	0,4	0,5
Motor fan	Type		DC		
	Quantity		1		
Fan	Type		Centrifugal blades, curved forward		
	Quantity		1	1	2
Battery	Rang		2		
	Max pressure	MPa	1,6		
	Height	mm	210	210	252
	Fin spacing	mm	1,3	1,3	1,45
	Fin type		Hydrophilic aluminium		
	Number of circuits		Cold 3 / Warm 3	Cold 4 / Warm 3	Cold 9 / Warm 3
	Pipe diameter	mm	Ø 7		
Panel	Packaging dimensions WxHxD	mm	715x123x715		
	Net weight	Kg	2,5		
	Shipping weight	Kg	4,5		
Base	Packaging dimensions WxHxD	mm	675x320x675	675x320x675	900x307x900
	Net weight	Kg	16,7	16,7	27,5
	Shipping weight	Kg	22,7	22,7	33,5
Connections pipe	Water inlet/outlet pipe		cold water 3/4"	cold water 3/4"	cold water 3/4"
			warm water 1/2"	warm water 1/2"	warm water 1/2"
	Drainpipe	mm	Ø 25	Ø 25	Ø 32

H High fan speed;  
M Average fan speed;  
L Low fan speed.

1 Cooling mode (2 and 4 pipe coil): entering air temperature 27°C DB / 19°C WB, entering/leaving water temperature 7°C / 12°C, high fan speed.

2 Heating mode (1): (4 pipe coil): inlet air temperature 20°C DB, inlet/outlet water temperature 66 / 55°C, high fan speed

3 Heating Modes (2): (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 70 / 60°C, high fan speed