

Fan coil units

Panasonic offers you a complete range of fan coil units. Stylish, premium units for residential projects with a sophisticated, compact design and customizable, flexible units for commercial applications with a wide range of options and accessories available.

ABOUT

Aquarea Air Smart fan coils	→ 540
Quick selection guide - Aquarea Air Smart fan coils	→ 544
Flex Air fan coils and Flex Air Smart fan coils	→ 542
Quick selection guide - Flex Air fan coil and Flex Air Smart fan coil units	→ 545
Flex Air fan coil controllers	→ 572

PRODUCT SPECIFICATIONS

Aquarea Air Smart fan coils	
Aquarea Air Smart fan coil – Floor standing	→ 546
Aquarea Air Smart fan coil – Wall-mounted	→ 547
Aquarea Air Smart fan coil – Ducted thin / ducted	→ 548
Aquarea Air Smart fan coil – Ducted multi zone thin / ducted multi zone	→ 550
Accessories and control - Aquarea Air Smart fan coils	→ 576
Flex Air Smart fan coils	
Flex Air Smart fan coil – Wall-mounted DC fan – FK1	→ 552
Flex Air Smart fan coil – Medium static pressure duct DC fan – FF1	→ 554
Control – Flex Air Smart fan coils	→ 582
Flex Air fan coils	
Flex Air fan coil – Comfort AC fan	→ 556
Flex Air fan coil – Comfort EC fan	→ 558
Flex Air fan coil – Cassette AC fan	→ 560
Flex Air fan coil – Cassette EC fan	→ 562
Flex Air fan coil – Wall-mounted AC fan	→ 564
Flex Air fan coil – Duct EC fan	→ 566
Flex Air fan coil – High static duct AC fan	→ 568
Flex Air fan coil – High static duct EC fan	→ 570
Control – Flex Air fan coils	→ 583

Aquarea Air Smart fan coils

Stylish, compact fan coil units for high comfort and energy savings.



AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Aquarea Air Smart fan coils have a minimal visual impact and can be elegantly integrated into any home or office environment, adapting to any type of furniture.

Designed to provide both heating and cooling in one compact unit, they maximise energy savings when combined with an Aquarea Heat Pumps.



SLIM, SOPHISTICATED DESIGN WITH METAL CASING



SELF-MODULATING AIR FLOW (PI LOGIC) AND DC INVERTER FAN MOTOR



WIDE RANGE WITH MULTIPLE CONFIGURATION OPTIONS



ADVANCED CONTROL AND CONNECTIVITY OPTIONS

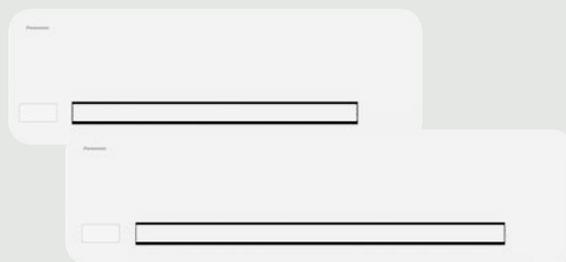
Aquarea Air Smart fan coil – Floor standing.

Even narrower and thinner fan coils.



Aquarea Air Smart fan coil – Wall-mounted.

The thinnest and most quietest in its class.



Aquarea Air Smart fan coil – Ducted / ducted multi zone.

Thin version with only 185 mm height.

Integrated multi zone management (2-5 zones, with the multi zone line-up).



Ducted



Ducted thin



Ducted multi zone



Ducted multi zone thin



Self-modulated air flow control by the unit.
The fan speed is no longer "stepped" but continuously modulated with proportional and integrative logic: this reduces both noise and annoying air movements.

Aquarea Home App

Download free app.

Other hardware requirements: Router and Internet (purchase and subscribe separately). Panasonic Cloud Server is designed, operated and managed by Panasonic.

*The app screen is for illustration purposes only. The actual screen may differ.



Aquarea Home



Flex Air fan coils

Designed to meet all needs, they have a comprehensive range of options and accessories available and a wide range of technological controllers: individual, groups and centralized.



Additional benefits of Flex Air fan coils:

Energy savings and comfort.

- Low consumption solutions with high-efficiency fan motor
- High level of energy performance
- Quiet operation with optimized air flow and advanced acoustic design

Fully customizable.

- Many factory-mounted options
- Choice of service side for hydraulic and electrical connections

Wide technological range of controls.

- Individual controllers with intuitive user interface.
- Group controller to control multiple units with a single control
- Plologic + BMS and SRC centralized and group control of different climatic zones with different settings

Flex Air Smart fan coils

Panasonic water fan coil units integrated with nanoe™ X technology to improve protection 24/7 and compatible with PACi NX and VRF controls for seamless integration.



They are compatible with PACi NX and VRF controls for seamless integration.

Flex Air Smart fan coils are integrated with nanoe X Generator Mark 3.

 DC FAN	 QUIET OPERATION	 nanoe™ X
 FLEXIBILITY OF INSTALLATION AND CUSTOMIZATION	 COMPATIBILITY WITH PACi NX/VRF CONTROLS	 SERVICE APP*

*CONEX control is required.

Greater flexibility in managing indoor climate.

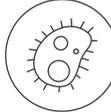
Flex Air Smart fan coils offer a wide range of accessories and customizable options, ensuring optimal comfort and performance in any environment. Their compatibility with PACi NX and VRF individual controls, as well as group management systems, ensures centralized monitoring, making them the perfect choice for complex installations.

Improved indoor air quality with nanoe™ X.

Flex Air Smart fan coils are equipped with nanoe™ X for improved indoor air quality and higher level of performance. They come with nanoe X Generator Mark 3, the latest of the continuously evolving nanoe™ X technology with the benefits of hydroxyl radicals.



7 effects of nanoe™ X – Panasonic unique technology

Deodorises	Capacity to inhibit 5 types of pollutants					Moisturises
						
Odours	Bacteria and viruses	Mould	Allergens	Pollen	Hazardous substances	Skin and hair

*Refer to <https://aircon.panasonic.eu> for more details and validation data.

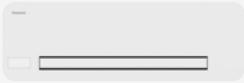
Smart controls: Compatible with CONEX Series.

CONEX. Devices and apps.

CONEX provides comfort and control for varying user needs. Accessible, flexible, and scalable with different controllers and apps. Perfectly meeting requirements of modern controls for end user, installer, and service.



Quick selection guide - Aquarea Air Smart fan coils

Page	Size	Cooling and heating capacity ^{1) 2) 3)} (kW)	Air flow - Max (m ³ /h)	Pressure (Pa)	Fan	Dimension HxWxD (mm)
P. 546 	Fan coil floor standing	10 0,73 0,69	146	10	DC	580 x 680 x 119
	20 1,36 1,50	294	10	DC	580 x 880 x 119	
	30 2,08 2,15	438	13	DC	580 x 1080 x 119	
	35 2,39 2,56	567	13	DC	580 x 1280 x 119	
	40 2,57 2,78	663	13	DC	580 x 1480 x 119	
P. 547 	Fan coil wall-mounted	10 0,88 0,98	228	—	DC	335 x 815 x 128
	15 1,08 1,30	331	—	DC	335 x 1015 x 128	
	20 1,21 1,49	440	—	DC	335 x 1215 x 128	
	40 2,66 3,04	788	—	DC	335 x 1215 x 215	
P. 548 	Fan coil ducted thin	15 1,14 1,32	290	100	DC	185 x 590 x 575
	20 1,84 1,80	390	90	DC	185 x 790 x 575	
	25 2,17 2,32	550	120	DC	185 x 990 x 575	
	35 2,40 2,76	680	110	DC	185 x 1190 x 575	
	45 2,80 3,98	870	140	DC	185 x 1440 x 575	
P. 548 	Fan coil ducted	20 1,37 1,48	390	90	DC	240 x 590 x 695
	25 1,86 2,04	560	130	DC	240 x 790 x 695	
	35 2,38 2,63	730	110	DC	240 x 990 x 695	
	45 3,22 3,77	905	140	DC	240 x 1190 x 695	
	55 3,97 4,23	1150	140	DC	240 x 1440 x 695	
P. 550 	Fan coil ducted multi zone thin	30 1,97 2,11	480	100	DC	185 x 790 x 575
	45 2,97 3,19	720	100	DC	185 x 990 x 575	
	60 3,68 5,76	960	100	DC	185 x 1190 x 575	
	65 4,15 4,75	1200	100	DC	185 x 1440 x 575	
P. 550 	Fan coil ducted multi zone	30 3,80 3,90	810	100	DC	240 x 790 x 695
	45 3,77 4,16	1215	100	DC	240 x 990 x 695	
	60 4,87 5,42	1620	100	DC	240 x 1190 x 695	
	75 6,31 6,87	2025	100	DC	240 x 1440 x 695	

1) Data for medium fan speed. Fan standard factory set speeds. 2) Cooling capacity: According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Heating capacity: According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C.

*The Aquarea Air range aligns with the Aquarea commercial policy.

Quick selection guide – Flex Air Smart fan coils

Page	Size	Cooling and heating capacity ¹⁾ (kW)	Air flow (m ³ /h)	Pressure (Pa)	Fan	Dimension HxWxD (mm)
P. 552 	19	1,9 2,2	345	—	DC	295 x 890 x 244
	24	2,4 2,7	416	—	DC	295 x 890 x 244
	27	2,7 3,0	480	—	DC	295 x 890 x 244
	36	3,6 4,0	710	—	DC	295 x 890 x 244
	45	4,5 5,1	753	—	DC	295 x 1060 x 249
	52	5,2 5,3	879	—	DC	295 x 1060 x 249
NEW! Fan coil medium static duct 	23	2,3 2,7	590	120	DC	250 x 800 x 730
	28	2,8 3,3	680	120	DC	250 x 800 x 730
	40	4,0 4,2	576	120	DC	250 x 800 x 730
	50	5,0 5,2	980	120	DC	250 x 1000 x 730
	70	7,0 7,5	1230	120	DC	250 x 1000 x 730
	80	8,0 8,3	1180	120	DC	250 x 1400 x 730
	93	9,3 9,8	1500	120	DC	250 x 1400 x 730

Quick selection guide – Flex Air fan coils

Page	Size	Cooling and heating capacity ¹⁾ (kW)	Air flow ¹⁾ (m ³ /h)	Pressure (Pa)	Fan	Dimension ²⁾ HxWxD (mm)
P. 556 	10	2,0 2,3	417	—	AC/EC	477 x 766 x 225
	20	2,1 2,5	413	—	AC/EC	477 x 766 x 225
	30	1,8 2,7	345	—	AC/EC	477 x 951 x 225
	40	4,2 4,5	678	—	AC/EC	477 x 1136 x 225
	50	5,0 5,2	816	—	AC/EC	477 x 1321 x 225
	60	5,2 5,8	912	—	AC/EC	477 x 1506 x 225
	70	6,6 7,2	1050	—	AC/EC	575 x 1319 x 225
	80	8,4 8,5	1063	—	EC	575 x 1506 x 225
P. 560 	20	2,4 2,7	659	—	AC/EC	341 x 595 x 595
	30	4,0 3,7	734	—	AC/EC	341 x 595 x 595
	40	4,7 5,3	900	—	AC/EC	341 x 595 x 595
	50	6,1 6,8	979	—	AC/EC	358 x 849 x 849
	60	7,2 8,5	1159	—	AC/EC	358 x 849 x 849
	70	9,6 11,0	1598	—	AC/EC	358 x 849 x 849
P. 564 	7	1,7 1,7	360	—	AC	275 x 845 x 180
	9	2,5 2,8	551	—	AC	275 x 845 x 180
	18	3,6 4,1	680	—	AC	298 x 940 x 200
	22	4,0 4,5	850	—	AC	298 x 940 x 200
P. 566 	10	1,5 1,8	357	0-70	EC	223 x 633 x 631
	15	2,1 2,6	491	0-90	EC	223 x 733 x 631
	20	2,7 2,6	599	0-90	EC	223 x 833 x 631
	25	3,2 3,6	642	0-90	EC	223 x 933 x 631
	30	4,8 5,0	1068	0-90	EC	223 x 933 x 631
	40	6,7 7,1	1293	0-90	EC	223 x 1233 x 653
	P. 568 	7	5,6 6,7	1125	0-110	AC/EC
15		13,3 15,5	2830	0-200	AC/EC	375 x 1380 x 798
18		13,9 18,0	2830	0-200	AC/EC	375 x 1380 x 798
21		17,0 17,8	2830	0-200	AC/EC	375 x 1380 x 798
24		21,2 24,3	3736	0-220	AC/EC	450 x 1500 x 798
27		24,8 25,0	3736	0-220	AC/EC	450 x 1500 x 798

1) Data for fan coil comfort, cassette and duct EC/DC fan 2-pipe version. Data for fan coil high static duct AC fan / 2-pipe version. 2) Fan coil comfort: with cabinet / without feet / vertical installation. Fan coil cassette: casing + IRY5 COANDA 360 diffuser. Fan coil duct and high static duct: horizontal installation / configuration: rectangular return and discharge.

Aquarea Air Smart fan coil – Floor standing

Slim chassis profile, only 129 mm / RAL 9003 / DC Inverter – maximising comfort and energy savings / Modulated air flow.
Possible configurations: Left or right water connections / 2 or 3 way valves as accessories / On-board or wall mounted control or PCB for analog input (0-10 V)



Optional 

Model (the complete model codes are shown in the table below)		P-FAL10	P-FAL20	P-FAL30	P-FAL35	P-FAL40
Fan speed ¹⁾		Min / Med / Max				
Total cooling capacity ²⁾	kW	0,43/0,73/0,91	0,75/1,36/2,12	1,15/2,08/2,81	1,32/2,39/3,30	1,36/2,57/3,71
Sensible capacity ²⁾	kW	0,29/0,51/0,71	0,59/1,04/1,54	0,83/1,51/2,11	1,02/1,84/2,65	1,05/1,98/2,90
Water flow ²⁾	l/h	73,67/125,07/155,91	128,50/233,01/363,22	197,03/356,36/481,43	226,15/409,48/565,39	—
Water pressure drop ²⁾³⁾	kPa	5,7/10,2/12,1	1,9/4,3/8,2	2,7/9,9/17,1	2,5/8,8/18,0	—
Heating capacity ⁴⁾	kW	0,37/0,69/1,00	0,82/1,50/2,19	1,19/2,15/2,99	1,45/2,56/3,73	1,47/2,78/4,23
Water flow ⁴⁾	l/h	65,11/120,91/179,87	144,60/269,80/389,71	211,61/380,89/532,55	259,22/456,72/671,86	—
Water pressure drop ³⁾⁴⁾	kPa	2,6/6,8/9,1	1,5/4,3/9,2	2,7/9,3/19,1	3,0/8,9/21,2	—
Sound levels						
Sound power	dB(A)	37/47/54	37/47/54	37/47/57	37/47/55	37/48/58
Sound pressure ⁵⁾	dB(A)	24/33/41	25/34/42	26/34/44	26/35/46	28/38/47
Ventilation						
Number of fans		1	1	1	1	1
Air flow	m ³ /h	49/91/146	124/210/294	194/318/438	302/410/567	364/479/663
Maximum static pressure	Pa	10	10	13	13	13
Electrical data						
Power supply	V / Phase / Hz	V	230/1/50	230/1/50	230/1/50	230/1/50
Consumption	W	7,0/9,0/13,0	14,0/18,0/22,0	16,0/20,0/24,0	18,0/22,0/26,5	—
Water connections						
Hydraulic connections type		Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus
Hydraulic connections	Inch	¾	¾	¾	¾	¾
Dimension and weight						
Dimension / Weight	H x W x D	mm / kg	579 x 680 x 129 / 17	579 x 880 x 129 / 20	579 x 1080 x 129 / 23	579 x 1280 x 129 / 26

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 5) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A).

Option 1. Standard configurations with built-in accessories

Fan coil with on-board display

Left-hand piping, vertical installation, built-in 3 way valve

P-FAL10SC-HLE

P-FAL20SC-HLE

P-FAL30SC-HLE

P-FAL35SC-HLE

P-FAL40SC-HLE

Fan coil with wall-mounted control

Left-hand piping, vertical installation, built-in 3 way valve

P-FAL10SC-RLE

P-FAL20SC-RLE

P-FAL30SC-RLE

P-FAL35SC-RLE

P-FAL40SC-RLE

Control (required, to be ordered separately)	With Modbus	PCZ-EEB749
	With integrated Wi-Fi	PCZ-EFB749

Option 2. Configure your own Aquarea Air Smart fan coil – Floor standing unit

Left-hand piping	Right-hand piping
------------------	-------------------

P-FAL10SC-00E

P-FAL10DC-00E

P-FAL20SC-00E

P-FAL20DC-00E

P-FAL30SC-00E

P-FAL30DC-00E

P-FAL35SC-00E

P-FAL35DC-00E

P-FAL40SC-00E

P-FAL40DC-00E

Control options (required)	On-board display	With Modbus	PCZ-ECA844
		With integrated Wi-Fi	PCZ-EWA844
	Wall-mounted control	With Modbus	PCZ-ESE845 + PCZ-EEB749
		With integrated Wi-Fi	PCZ-ESE845 + PCZ-EFB749
	PCB for analog control (0-10 V)		PCZ-B10842

Valve kits (optional)	3 way valve with motor	PCZ-V30720
	2 way valve with motor	PCZ-V20139

Condensate drip tray for horizontal installation (optional)	For P-FAL10	PCZ-GB0520
	For P-FAL20	PCZ-GB0521
	For P-FAL30	PCZ-GB0522
	For P-FAL35	PCZ-GB0523
	For P-FAL40	PCZ-GB0524

Accessories and options

PCZ-LC0158 Set of 2 legs to protect water pipes

Accessories and options

PCZ-LC0606 Set of 2 legs to anchor the unit to the floor

Control options.

On-board display with Modbus or integrated Wi-Fi.



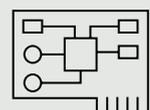
Wall-mounted control with Modbus or integrated Wi-Fi.

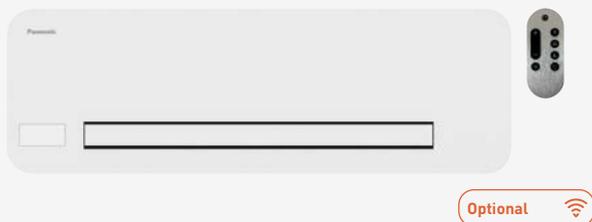
PCZ-EEB749 /
PCZ-EFB749



PCB for analog control (0-10 V).

PCZ-B10842





Aquarea Air Smart fan coil – Wall-mounted

Slim chassis profile, only 128 mm / RAL 9003 / DC Inverter – maximising comfort and energy savings / Modulated air flow.
Possible configurations: Left or right water connections / 2 or 3 way valves as accessories / On-board or wall mounted control or PCB for analog input (0-10 V)



Model (the complete model codes are shown in the table below)		P-FMM10	P-FMM15	P-FMM20	P-FMM40
Fan speed ¹⁾		Min / Med / Max			
Total cooling capacity ²⁾	kW	0,49/0,88/1,24	0,62/1,08/1,61	0,70/1,21/1,94	1,32/2,66/3,94
Sensible capacity ²⁾	kW	0,37/0,70/0,98	0,52/0,86/1,27	0,57/1,02/1,52	1,08/2,05/2,92
Water flow ²⁾	l/h	84,00/150,80/212,40	106,20/185,00/275,80	119,90/207,30/332,40	226,40/455,30/674,30
Water pressure drop ²⁾	kPa	4,8/10,5/11,7	4,7/5,6/5,1	5,5/5,4/5,3	1,8/6,0/12,1
Heating capacity ³⁾	kW	0,54/0,98/1,45	0,76/1,30/1,93	0,78/1,49/2,28	1,63/3,04/4,44
Water flow ³⁾	l/h	97,00/176,30/264,50	139,30/239,80/354,40	141,10/273,30/414,40	296,40/547,00/800,90
Water pressure drop ³⁾	kPa	5,1/12,0/16,3	4,8/6,3/7,2	6,0/6,4/8,1	2,3/6,9/14,1
Sound levels					
Sound power	dB(A)	35/46/53	36/47/54	37/48/58	38/48/62
Sound pressure ⁴⁾	dB(A)	25/33/40	25/34/41	26/34/42	27/37/51
Ventilation					
Air flow	m ³ /h	84/155/228	124/229/331	138/283/440	230/480/788
Electrical data					
Power supply	V / Phase / Hz	V	230/1/50	230/1/50	230/1/50
Consumption	W	5/8/19	5/9/20	5/11/29	8/23/30
Water connections					
Hydraulic connections type		Eurokonus	Eurokonus	Eurokonus	Eurokonus
Hydraulic connections	Inch	3/4	3/4	3/4	3/4
Dimension and weight					
Dimension / Weight	H x W x D	mm / kg	335 x 815 x 128 / 14	335 x 1015 x 128 / 16	335 x 1215 x 128 / 19
			335 x 1215 x 215 / 24		

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A).

Option 1. Standard configurations with built-in accessories

Fan coil with on-board display and wireless IR control		
Right-hand piping, built-in 3 way valve		
P-FMM10DC-QNE		
P-FMM15DC-QNE		
P-FMM20DC-QNE		
P-FMM40DC-QNE		

Fan coil with wall-mounted control		
Right-hand piping, built-in 3 way valve		
P-FMM10DC-RNE		
P-FMM15DC-RNE		
P-FMM20DC-RNE		
P-FMM40DC-RNE		
Control (required, to be ordered separately)	With Modbus	PCZ-EEB749
	With integrated Wi-Fi	PCZ-EFB749

Option 2. Configure your own Aquarea Air Smart fan coil – Wall-mounted unit

Fan coil with on-board display and wireless IR control	
Left-hand piping	Right-hand piping
P-FMM10SC-Q0E	P-FMM10DC-Q0E
P-FMM15SC-Q0E	P-FMM15DC-Q0E
P-FMM20SC-Q0E	P-FMM20DC-Q0E
—	P-FMM40DC-Q0E

Fan coil with wall-mounted control	
Left-hand piping	Right-hand piping
P-FMM10SC-R0E	P-FMM10DC-R0E
P-FMM15SC-R0E	P-FMM15DC-R0E
P-FMM20SC-R0E	P-FMM20DC-R0E
—	P-FMM40DC-R0E
Control (required, to be ordered separately)	With Modbus
	With integrated Wi-Fi
	PCZ-EEB749
	PCZ-EFB749

Fan coil with PCB for analog control (0-10 V)	
Left-hand piping	Right-hand piping
P-FMM10SC-V0E	P-FMM10DC-V0E
P-FMM15SC-V0E	P-FMM15DC-V0E
P-FMM20SC-V0E	P-FMM20DC-V0E
—	P-FMM40DC-V0E

Valve kits (optional)	
PCZ-V30688	3 way valve with motor for models 10, 15, 20
PCZ-V30718	3 way valve with motor for model 40

Valve kits (optional)	
PCZ-V20687	2 way valve with motor for models 10, 15, 20
PCZ-V20139	2 way valve with motor for model 40

Control options.

On-board display with Modbus.

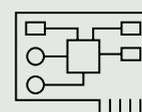


Wall-mounted control with Modbus or integrated Wi-Fi.

PCZ-EEB749 /
PCZ-EFB749



PCB for analog control (0-10 V).



Aquarea Air Smart fan coil – Ducted thin / ducted**Fan coil ducted units with cooling and heating.****Cooling capacity: 0,7 to 5,3 kW.****Heating capacity: 0,7 to 5,8 kW.**Optional 

Optional controller.
Wall-mounted control
with Modbus.
PCZ-EEB749



Optional controller.
Wall-mounted control
with integrated Wi-Fi.
PCZ-EFB749



Optional controller.
PCB for analog control
(0-10 V).

CHECK PAGE 577 FOR A WIDER SELECTION OF ACCESSORIES

**The range at a glance**

- Slim profile, only 185 mm for the thin version
- DC Inverter – maximising comfort and energy savings
- Modulated air flow
- Quiet operation
- Centrifugal fan with single motor impeller
- Vertical or horizontal installation

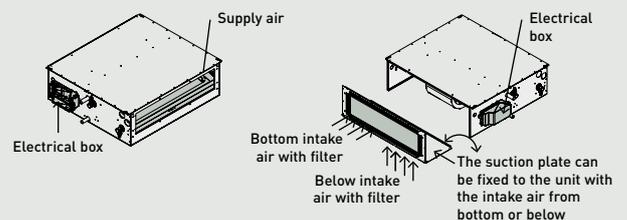
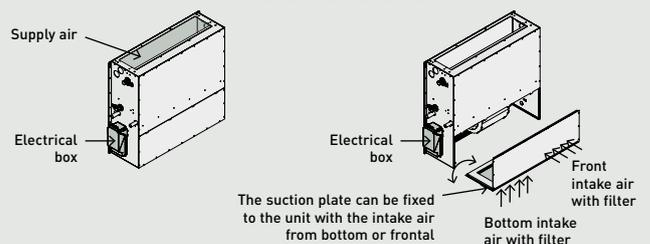
Possible configurations

- Left or right water connections
- 2 or 3 way valves as accessories
- Wall-mounted control or PCB for analog input (0-10 V)

High-efficiency ducted fan coil for high comfort and quiet operation thanks to self modulating air flow control.

Ducted thin, designed to fit any space

With a height of only 185 mm, the thin version is even more versatile than the classic version and fits perfectly into any wall or false ceiling with either horizontal or vertical installation.

Ducted thin**High installation flexibility.****Horizontal installation.****Vertical installation.**

Technical performance

		Ducted thin					Ducted				
Model (the complete model codes are shown in the table below)		P-FTN15	P-FTN20	P-FTN25	P-FTN35	P-FTN45	P-FSN20	P-FSN25	P-FSN35	P-FSN45	P-FSN55
Fan speed ¹⁾		Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max				
Total cooling capacity ²⁾	kW	0,66/1,14 /1,40	1,01/1,84 /2,10	1,23/2,17 /2,60	1,47/2,40 /3,30	1,72/2,80 /4,45	0,82/1,37 /1,88	1,27/1,86 /2,14	1,53/2,38 /2,97	1,81/3,22 /3,48	1,82/3,97 /5,31
Sensible capacity ²⁾	kW	0,46/0,84 /1,05	0,70/1,27 /1,50	0,88/1,56 /2,10	1,06/1,77 /2,45	1,23/2,33 /3,20	0,61/0,96 /1,48	0,93/1,43 /1,56	1,17/1,98 /2,92	1,33/2,58 /2,95	1,33/2,75 /3,65
Water flow ²⁾	l/h	113/195 /270	173/315 /405	211/373 /510	251/412 /610	295/481 /805	141/235 /322	218/319 /367	262/408 /509	310/552 /596	312/680 /910
Water pressure drop ²⁾³⁾	kPa	1,0/3,0 /5,0	2,0/5,0 /8,0	4,0/10,0 /17,0	2,0/5,0 /11,0	2,0/6,0 /14,0	9,2/11,8 /15,7	9,9/14,9 /19,4	2,4/2,8 /2,9	9,0/12,6 /14,6	4,1/16,1 /27,2
Heating capacity ⁴⁾	kW	0,68/1,32 /1,65	1,01/1,80 /2,10	1,32/2,32 /2,86	1,63/2,76 /3,71	1,89/3,98 /5,20	0,9/1,48 /1,98	1,36/2,04 /2,54	1,81/2,63 /3,45	1,96/3,77 /4,46	1,95/4,23 /5,73
Water flow ⁴⁾	l/h	115/222 /310	170/303 /440	235/410 /540	288/486 /730	329/692 /880	159/261 /349	239/360 /448	319/464 /608	346/665 /787	347/754 /1025
Water pressure drop ³⁾⁴⁾	kPa	1,0/3,0 /6,0	2,0/5,0 /9,0	4,0/11,0 /18,0	2,0/6,0 /13,0	3,0/10,0 /15,0	51/12,0 /16,3	10,3/15,6 /21,5	2,6/2,8 /2,9	9,2/15,6 /18,4	4,0/16,4 /29,3
Sound levels											
Sound power	dB(A)	42/47/53	44/51/58	45/52/58	46/54/60	47/54/61	46/54/58	46/54/58	46/54/57	47/55/58	48/55/60
Ventilation											
Number of fans		1	1	2	2	3	1	1	2	2	3
Air flow	m ³ /h	90/200/290	140/290/390	190/390/550	230/450/680	250/610/870	120/260/390	180/350/560	240/440/730	260/550/905	280/750/1150
Maximum static pressure	Pa	100	90	120	110	140	90	130	110	140	140
Electrical data											
Power supply	Voltage	V	230	230	230	230	230	230	230	230	230
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase
	Frequency	Hz	50	50	50	50	50	50	50	50	50
Consumption	W	14/32/80	22/55/140	26/65/160	33/80/160	38/115/230	6/11/24	7/14/31	8/16/34	13/30/38	14/42/85
Degree of protection	IP	X0	X0	X0	X0	X0	X0	X0	X0	X0	X0
Connections											
Hydraulic connections type		Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus
Hydraulic connections	Inch	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾
Condensate drainage connection	mm	20	20	20	20	20	20	20	20	20	20
Intake air connection	Base x Height	mm	460 x 100	660 x 100	860 x 100	1060 x 100	1320 x 100	460 x 150	660 x 150	860 x 150	1060 x 150
Return air connection	Base x Height	mm	510 x 100	710 x 100	910 x 100	1110 x 100	1370 x 100	510 x 150	710 x 150	910 x 150	1110 x 150
Dimension and weight											
Dimension	H x W x D	mm	185 x 590 x 575	185 x 790 x 575	185 x 990 x 575	185 x 1190 x 575	185 x 1440 x 575	240 x 590 x 695	240 x 790 x 695	240 x 990 x 695	240 x 1190 x 695
Weight	kg	30	41	45	54	65	32	43	47	56	67

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C.

Configure your own Aquarea Air Smart fan coil – Ducted thin / ducted unit

Fan coil with wall-mounted control			Fan coil with PCB for analog control (0-10 V)		
Left-hand piping	Right-hand piping		Left-hand piping	Right-hand piping	
P-FTN15005-RE	P-FTN15R05-RE		P-FTN15005-JE	P-FTN15R05-JE	
P-FTN20005-RE	P-FTN20R05-RE		P-FTN20005-JE	P-FTN20R05-JE	
P-FTN25005-RE	P-FTN25R05-RE		P-FTN25005-JE	P-FTN25R05-JE	
P-FTN35005-RE	P-FTN35R05-RE		P-FTN35005-JE	P-FTN35R05-JE	
P-FTN45005-RE	P-FTN45R05-RE		P-FTN45005-JE	P-FTN45R05-JE	
P-FSN20005-RE	P-FSN20R05-RE		P-FSN20005-JE	P-FSN20R05-JE	
P-FSN25005-RE	P-FSN25R05-RE		P-FSN25005-JE	P-FSN25R05-JE	
P-FSN35005-RE	P-FSN35R05-RE		P-FSN35005-JE	P-FSN35R05-JE	
P-FSN45005-RE	P-FSN45R05-RE		P-FSN45005-JE	P-FSN45R05-JE	
P-FSN55005-RE	P-FSN55R05-RE		P-FSN55005-JE	P-FSN55R05-JE	
Control (required, to be ordered separately)	With Modbus	PCZ-EEB749			
	With integrated Wi-Fi	PCZ-EFB749			
Valve kits (optional)			Valve kits (optional)		
PCZ-V30361	3 way valve with motor		PCZ-V20139	2 way valve with motor	

Aquarea Air Smart fan coil – Ducted multi zone thin / ducted multi zone

Fan coil ducted units with cooling and heating.

Cooling capacity: 0,5 to 7,6 kW.

Heating capacity: 0,5 to 8,52 kW.



Optional



Optional controller. Wall-mounted control with Modbus. PCZ-EEB749



Optional controller. Wall-mounted control with integrated Wi-Fi. PCZ-EFB749



Optional controller. PCB for analog control (0-10 V).

CHECK PAGE 580 FOR A WIDER SELECTION OF ACCESSORIES



The range at a glance

- Multi zone management (2-5 zones)
- Slim profile, only 185 mm for the thin version
- DC Inverter – maximising comfort and energy savings
- Modulated air flow
- Quiet operation
- Centrifugal fan with single motor impeller

Possible configurations

- Left or right water connections
- 2 or 3 way valves as accessories
- Wall-mounted control or PCB for analog input (0-10 V)

The ducted Smart fan coil unit with integrated multi zone management.

High installation flexibility.

Single air outlet per zone.

Multiple air outlets per zone.



Example: 3 air outlets for 3 independent zones.



Example: 3 air outlets for 2 independent zones. Zone 1 with dual channel. Zone 2 with single channel.

Multi zone management

Thanks to integrated multi zone management and the use of forward-bladed centrifugal brushless EC multi-fans, the fan coil ducted multi zone allow independent management of the different thermal zones, resulting in benefits in terms of efficiency, comfort and quietness.

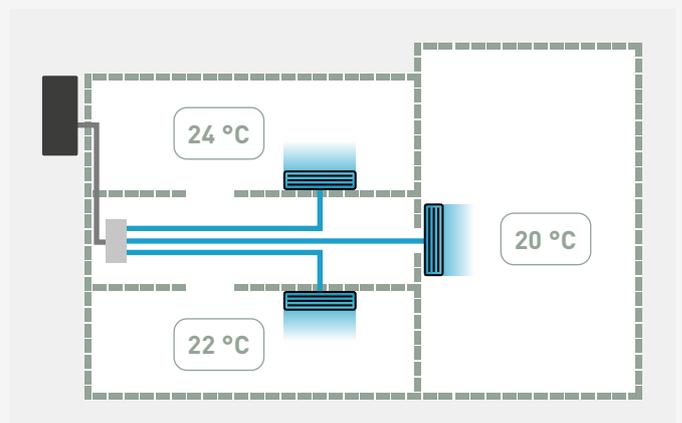


1 | Air supply plate. Built-in air supply plate, number of outlets depending on unit size.

2 | Fans. Integrated multi-fans for independent management of the different zones.

3 | Horizontal condensate tray. Allows the collection of condensate if the unit is installed horizontally.

- P-FTQ30/P-FSQ30: 2 outlets DN 160 mm
- P-FTQ45/P-FSQ45: 3 outlets DN 160 mm
- P-FTQ60/P-FSQ60: 4 outlets DN 160 mm
- P-FTQ65/P-FSQ75: 5 outlets DN 160 mm



Technical performance

		Ducted multi zone thin				Ducted multi zone				
Model <small>(the complete model codes are shown in the table below)</small>		P-FTQ30	P-FTQ45	P-FTQ60	P-FTQ65	P-FSQ30	P-FSQ45	P-FSQ60	P-FSQ75	
Fan speed ¹⁾		Min / Med / Max								
Total cooling capacity ²⁾	kW	1,10/1,97 /3,02	1,16/2,97 /4,40	2,02/3,68 /5,70	2,09/4,15 /6,40	0,47/3,80 /3,23	0,66/3,77 /4,57	0,85/4,87 /5,88	1,06/6,31 /7,61	
Sensible capacity ²⁾	kW	0,76 /1,37 /2,15	0,79/2,09 /3,16	1,45/2,67 /4,10	1,61/3,08 /4,60	0,33/2,70 /2,22	0,48/2,62 /3,16	0,63/3,40 /4,10	0,78/4,32 /5,20	
Single zone cooling capacity ²⁾	kW	0,49/1,30 /1,70	0,49/1,30 /1,70	0,49/1,30 /1,70	0,49/1,30 /1,70	-/-/2,10	-/-/2,10	-/-/2,10	-/-/2,10	
Single zone sensible capacity ²⁾	kW	0,31/0,89 /1,23	0,31/0,89 /1,23	0,31/0,89 /1,23	0,31/0,89 /1,23	-/-/1,50	-/-/1,50	-/-/1,50	-/-/1,50	
Water flow ²⁾	l/h	190/338 /530	200/510 /800	346/630 /1030	358/713 /1220	80/651 /553	113/647 /782	146/834 /1008	182,3/1081 /1304	
Water pressure drop ²⁾³⁾	kPa	4,0/11,0/22,0	2,0/9,0/18,0	3,0/9,0/18,0	1,0/4,0/9,0	1,8/29,0/54,1	1,2/25,7/36,4	1,0/20,2/28,5	1,6/37,3/52,6	
Heating capacity ⁴⁾	kW	1,15/2,11 /3,30	1,71/3,19 /4,90	-/5,76/6,30	2,67/4,75 /7,65	0,45/3,90 /3,61	0,68/4,16 /5,08	0,90/5,42 /6,59	1,13/6,87 /8,37	
Single zone heating capacity ⁴⁾	kW	0,42/1,29 /1,85	0,42/1,29 /1,85	0,42/1,29 /1,85	0,42/1,29 /1,85	-/-/2,20	-/-/2,20	-/-/2,20	-/-/2,20	
Water flow ⁴⁾	l/h	200/368 /560	296/554 /800	391/699 /1110	464/826 /1305	80/688 /636	120/748 /914	159/975 /1189	199/1230 /1502	
Water pressure drop ³⁾⁴⁾	kPa	4,0/13,0/25,0	3,0/10,0/19,0	3,0/10,0/18,0	2,0/5,0/10,0	1,4/29,0/61,2	1,1/28,9/42,3	0,9/23,1/33,7	1,5/41,4/60,6	
Sound levels										
Sound power	dB(A)	40/49/58	42/50/59	42/52/61	43/53/62	-/-/60	-/-/61	-/-/62	-/-/64	
Ventilation										
Number of fans		2	3	4	5	2	3	4	5	
Air flow	m ³ /h	145/290 /480	215/435 /720	288/576 /960	360/720 /1200	60/600 /810	90/900 /1215	120/1200 /1620	150/1500 /2025	
Single zone air flow	m ³ /h	50/160/240	50/160/240	50/160/240	50/160/240	60/205/300	60/205/300	60/205/300	60/205/300	
Maximum static pressure	Pa	100	100	100	100	100	100	100	100	
Electrical data										
Power supply	Voltage	V	230	230	230	230	230	230	230	
	Phase		Single phase							
	Frequency	Hz	50	50	50	50	50	50	50	
Consumption	W	31/66/130	45/102/195	61/135/260	76/162/325	53/140/178	159/420/534	212/560/712	265/700/890	
Degree of protection	IP	X0								
Connections										
Hydraulic connections type		Eurokonus								
Hydraulic connections	Inch	¾	¾	¾	¾	¾	¾	¾	¾	
Condensate drainage connection	mm	20	20	20	20	20	20	20	20	
Intake air connection	mm	160	160	160	160	160	160	160	160	
Return air connection	Base x Height	mm	630 x 100	830 x 100	1030 x 100	1320 x 100	630 x 150	830 x 150	1030 x 150	
Dimension and weight										
Dimension	H x W x D	mm	185 x 790 x 575	185 x 990 x 575	185 x 1190 x 575	185 x 1440 x 575	240 x 790 x 695	240 x 990 x 695	240 x 1190 x 695	240 x 1440 x 695
Weight	kg	41	45	54	56	43	47	56	67	

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C.

Configure your own Aquarea Air Smart fan coil – Ducted multi zone thin / ducted multi zone unit

Fan coil with wall-mounted control			Fan coil with PCB for analog control (0-10 V)		
Left-hand piping	Right-hand piping		Left-hand piping	Right-hand piping	
P-FTQ30005-RE	P-FTQ30R05-RE		P-FTQ30005-JE	P-FTQ30R05-JE	
P-FTQ45005-RE	P-FTQ45R05-RE		P-FTQ45005-JE	P-FTQ45R05-JE	
P-FTQ60005-RE	P-FTQ60R05-RE		P-FTQ60005-JE	P-FTQ60R05-JE	
P-FTQ65005-RE	P-FTQ65R05-RE		P-FTQ65005-JE	P-FTQ65R05-JE	
P-FSQ30005-RE	P-FSQ30R05-RE		P-FSQ30005-JE	P-FSQ30R05-JE	
P-FSQ45005-RE	P-FSQ45R05-RE		P-FSQ45005-JE	P-FSQ45R05-JE	
P-FSQ60005-RE	P-FSQ60R05-RE		P-FSQ60005-JE	P-FSQ60R05-JE	
P-FSQ75005-RE	P-FSQ75R05-RE		P-FSQ75005-JE	P-FSQ75R05-JE	
Control (required, to be ordered separately)	With Modbus	PCZ-EEB749			
	With integrated Wi-Fi	PCZ-EFB749			

Valve kits (optional)	
PCZ-V30361	3 way valve with motor

Valve kits (optional)	
PCZ-V20139	2 way valve with motor

Flex Air Smart fan coil – Wall-mounted DC fan – FK1

Fan coil wall units with new stylish design and nanoe™ X (Mark 3).

Cooling capacity: 1,9 to 5,2 kW.

Heating capacity: 2,2 to 5,3 kW.



Optional 

 nanoe™ X as a standard.



Optional controller. CONEX Series, white or black.
CZ-RTC6W/BL/BLW2 or CZ-RTC6/BL/BLW2



Optional controller. Wired remote controller with Econavi function.
CZ-RTC5B



Optional controller. Infrared remote controller for wall-mounted.
CZ-RWS3



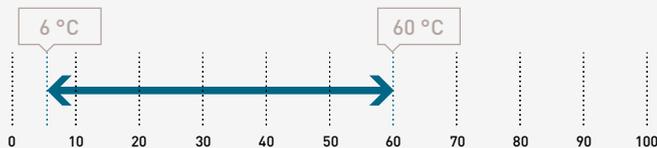
Optional controller. Wired remote controller.
PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

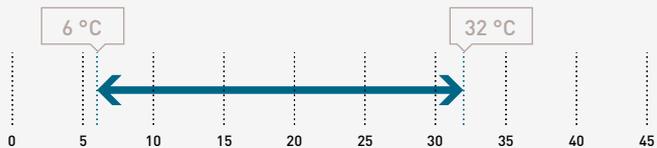


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



Maximum operating pressure: 10 bar.

The range at a glance

- Versions (2-pipes): with and without 3 way valve
- 6 sizes
- DC fan for better efficiency and control
- Air flow from 360 to 1045 m³/h
- nanoe™ X technology to improve protection 24/7
- G1 cleanable air filter
- S-Link available - compatible with Panasonic controllers

Advantages

- Ideal for commercial and residential applications in combination with Aquarea Heat Pumps
- Modern stylish design with flat face and compact size
- Inner and outer motorized louvers with five-step positions
- Six directional piping outlet to adapt to different installations
- nanoe™ X (Generator Mark 3: 48 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Quieter operation than AC fan models
- Very easy servicing through a removable front panel
- Cleanable synthetic-type air filter
- Compatibility with a wide range of controllers

Accessories supplied loose

CZ-RWS3 – infrared remote controller
CZ-RTC5B – wired remote controller with Econavi function
CZ-RTC6W – CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL – CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW2 – CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6 – CONEX wired remote controller (non-wireless), black
CZ-RTC6BL – CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW2 – CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-CENSC1 – Econavi energy saving sensor
PAW-FC-903EC – wired remote controller
CZ-64ESMC3 – system controller for 64 indoor units
CZ-256ESMC3 – centralised controls up to 256 indoor units
CZ-ANC3 – central ON / OFF controller, up to 16 groups, 64 indoor units

Technical performance

Flex Air Smart fan coil – Wall-mounted DC fan - FK1	Standard model	S-19FK1E0	S-24FK1E0	S-27FK1E0	S-36FK1E0	S-45FK1E0	S-52FK1E0
	With 3 way valve	S-19FK1E	S-24FK1E	S-27FK1E	S-36FK1E	S-45FK1E	S-52FK1E
Fan speed ¹⁾		Min / Med / Max					
2-pipes							
Total cooling capacity ²⁾	kW	1,40/1,65/1,90	1,92/2,17/2,41	2,02/2,51/2,73	2,65/3,11/3,61	3,02/3,78/4,50	4,03/4,63/5,23
Sensible capacity ²⁾	kW	1,10/1,35/1,54	1,50/1,71/1,91	1,59/2,00/2,19	2,12/2,52/2,98	2,25/2,84/3,41	3,04/3,51/4,02
Water flow ²⁾	l/h	250/295/342	344/389/432	362/449/489	473/556/648	539/680/809	724/830/908
Water pressure drop (coil only)	kPa	4/6/8	8/11/13	9/14/17	16/22/30	19/30/42	34/44/56
Water pressure drop (with 3 way valve) ²⁾	kPa	18/23/29	25/29/36	26/39/44	42/57/74	53/80/110	90/112/142
Air flow ²⁾	m ³ /h	230/276/345	324/361/416	343/434/480	462/572/710	488/603/753	637/753/879
Input power ²⁾	W	10/11/12	12/12/14	12/14/16	15/19/26	13/17/22	18/23/29
Sound pressure Lp ²⁾³⁾	dB(A)	27	26	29	39	35	40
Sound power Lw ²⁾	dB(A)	40	39	42	49	47	52
Heating capacity ⁴⁾	kW	1,59/1,92/2,23	1,97/2,39/2,72	2,18/2,64/3,01	2,89/3,48/4,03	3,09/4,21/5,13	4,03/4,72/5,33
Water flow ⁴⁾	l/h	281/329/381	339/417/481	379/463/533	508/614/715	544/740/898	710/827/931
Water pressure drop (coil only)	kPa	5/8/10	8/12/16	10/15/20	18/27/36	19/36/52	33/44/56
Water pressure drop (with 3 way valve) ⁴⁾	kPa	18/24/30	23/31/39	25/36/47	42/60/72	46/82/118	74/97/128
Air flow ⁴⁾	m ³ /h	253/314/406	343/425/489	379/471/545	517/646/765	511/730/925	672/810/960
Input power ⁴⁾	W	10/12/13	12/14/15	13/15/17	16/21/28	14/21/32	19/26/35
Sound pressure Lp ³⁾⁴⁾	dB(A)	24/27/29	22/26/29	23/28/32	30/36/41	28/36/42	34/39/43
Sound power Lw ⁴⁾	dB(A)	37/40/43	37/39/42	38/42/45	44/49/55	42/47/51	48/52/56
Water connections							
Connection type		Female gas threaded					
	Inch	1/2	1/2	1/2	1/2	1/2	1/2
nanoe X Generator		Mark 3					
Dimension and weight							
Dimension	H x W x D	mm	295 x 890 x 244	295 x 1060 x 249			
Weight		kg	12	13	13	13	14

Energy efficiency class ⁵⁾

Flex Air Smart fan coil – Wall-mounted DC fan - FK1							
2-pipes	FCEER ²⁾	A to E	B	B	B	B	A
	$\eta_{s,c}$	%	144,2	166,9	172,1	169,3	226,8
	FCCOP ⁴⁾	A to E	B	B	B	B	B
	$\eta_{s,h}$	%	160,0	167,0	170,5	173,4	208,5

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) The sound pressure of the indoor unit shows the value measured of a position of 1 m in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with JIS C 9612. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 5) According to Eurovent.

Flex Air Smart fan coil – Wall-mounted.

Great flexibility and improved air quality for your projects.

Flex Air Smart fan coil –
Wall-mounted unit is the first
Panasonic water fan coil integrated
with nanoe™ X technology for
improved air quality and compatible
with individual and centralised
PACi NX/VRF controls.



nanoe™ X



**COMPATIBILITY WITH
PACi NX/VRF CONTROLS**



QUIET OPERATION



STYLISH DESIGN



MOTORIZED LOUVERS



COMPACT FOOTPRINT



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



NEW! Flex Air Smart fan coil – Medium static pressure duct DC fan – FF1

Fan coil medium static pressure ductable units with nanoe™ X (Mark 3).

Cooling capacity: 2,3 to 9,3 kW.

Heating capacity: 2,7 to 9,8 kW.

NEW



The range at a glance

- Versions: 2-pipe and 4-pipe
- 7 sizes
- DC fan for better efficiency and control
- Air flow from 590 to 1500 m³/h
- External static pressure: 120 Pa
- nanoe™ X technology to improve protection 24/7
- S-Link available - compatible with Panasonic controllers

Advantages

- Ideal for commercial and residential applications with a low height for all sizes
- nanoe™ X (Generator Mark 3: 48 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Efficiency class: A in cooling and heating modes for all sizes
- Flexible hydraulic connection right/left and right electrical connection
- Air return and discharge configuration: In line (I) or from the same side (U)
- Different aeraulic plenum configurations: rectangular or Circular Ø200 mm
- Compatibility with a wide range of controllers
- G1 cleanable synthetic-type air filter
- Very easy servicing



Optional controller. CONEX Series, white or black. CZ-RTC6W/BL/BLW2 or CZ-RTC6/BL/BLW2



Optional controller. Infrared remote controller for wall-mounted. CZ-RWS3



Optional controller. Wired remote controller with touch control. PAW-FC-907EC



Optional controller. Wired remote controller. PAW-FC-903EC



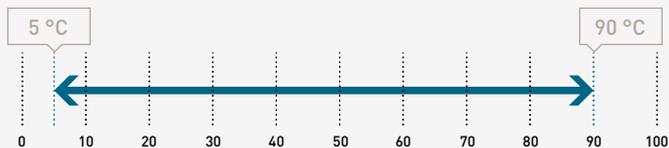
Optional controller. SRC - mini BMS controller.

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

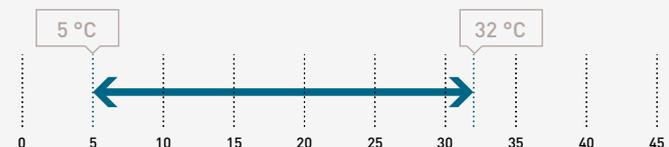


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Technical performance

Flex Air Smart fan coil*			S-23FF1E	S-28FF1E	S-40FF1E	S-50FF1E	S-70FF1E	S-80FF1E	S-93FF1E
Fan speed ¹⁾			Max						
2-pipes									
Total cooling capacity ²⁾	kW		2,30	2,80	4,00	5,00	7,00	8,00	9,30
Heating capacity ³⁾	kW		2,70	3,30	4,20	5,20	7,50	8,30	9,80
4-pipes									
Total cooling capacity ²⁾	kW		2,14	2,71	3,74	4,75	6,87	7,31	8,71
Heating capacity ⁴⁾	kW		4,95	5,96	5,16	7,10	8,56	10,16	11,36
Ventilation									
Air flow ⁵⁾	2-pipes	m ³ /h	590	680	576	980	1230	1180	1500
	4-pipes	m ³ /h	420	600	460	780	1110	1110	1360
External static pressure	Pa		120	120	120	120	120	120	120
Water connections									
Connection type			Female gas threaded						
Water connections	Inch		1/2	1/2	1/2	3/4	3/4	3/4	3/4
Dimension and weight									
Dimension	HxWxD	mm	250x800x730	250x800x730	250x800x730	250x1000x730	250x1000x730	250x1400x730	250x1400x730
Weight	kg		26	26	33	33	33	47	47

Energy efficiency class⁶⁾

Flex Air Smart fan coil									
2-pipes	FCEER	A to E	A	A	A	A	A	A	A
	FCCOP	A to E	A	A	A	A	A	A	A
4-pipes	FCEER	A to E	A	A	A	A	A	A	A
	FCCOP	A to E	A	A	A	A	A	A	A

1) Fan standard factory set speeds (voltage). 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 5) According to Eurovent 6/10 (air flow test method) and 8/12 (sound test method). 6) According to Eurovent. *Available in Summer 2026.

Accessories and options
2W or 3W – 2 way or 3 way valves
CB – Circuit breakers
PUMP – Drain pump
EH – Electric heaters (from 500 W to 2500 W)
Fresh air intake Ø 100 mm
FH – Fuse holder

Accessories and options
G2 / G3 / G4 filters
Other speeds configuration (standard factory set speeds in technical table)
Many air inlet/outlet configurations
HL/ER – Hydraulic left – electric right
HR/ER – Hydraulic right – electric right

Accessories supplied loose
SRC – Smart remote control – Mini building management system (only with Modbus RTU)
CZ-RTC6W – CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL – CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW2 – CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6 – CONEX wired remote controller (non-wireless), black

Accessories supplied loose
CZ-RTC6BL – CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW2 – CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RWS3 + CZ-RWRC3 – Infrared remote controller and receiver
PAW-FC-907EC – Wired remote controller with touch control
PAW-FC-903EC – Wired remote controller
KIT REMOTE SENSOR – Remote sensor for ducted unit



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.

Flex Air fan coil – Comfort AC fan

Fan coil floor and ceiling units with cooling and heating.

Cooling capacity: 0,6 to 6,9 kW.

Heating capacity: 0,6 to 7,4 kW.



Optional controller.
WRC remote control.



Optional controller.
SRC - mini BMS
controller.



Optional controller.
Electronic controller
TControl POD glass.



Optional controller.
Electronic controller
TControl EASY 3S.



Optional controller.
Wired remote controller
with touch control.
PAW-FC-907AC



Optional controller.
Wired remote
controller.
PAW-FC-903AC



Optional controller.
Advanced wired
remote controller.
PAW-FC-RC1

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS



The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 7 sizes
- 5-speed AC fan - standard factory set speeds: S1,S3,S5
- Air flow from 94 to 1064 m³/h
- Configuration: universal installation units (vertical or horizontal) with or without cabinet
- Left or right water connections
- Many air inlet/outlet configurations
- G2 air filter (G3 as an option)

Advantages

- Silent units
- New casing design for an increased robustness
- Harmonious and aesthetic RAL 9003 painted cabinet
- Valves, condensate drain pan and drain pump factory mounted
- 100% factory tested

Accessories and options

2W or 3W – 2 way or 3 way valves

4-pipes kit (additional coil)

CB – Circuit breakers

PUMP – Drain pump

EH – Electric heaters (from 500 W to 2500 W)

FC/FCG – Feet with/without grid

FH – Fuse holders

G3 filter

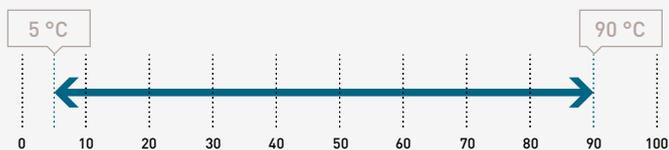
DG – Horizontal or vertical drain guard (with valve)

Many air inlet/outlet configurations

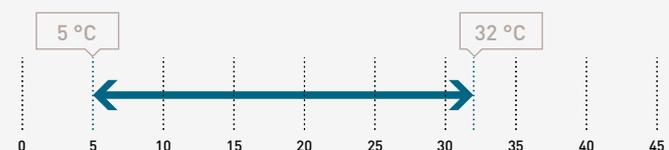
C/O – Electromechanical sensor for automatic changeover

Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Technical performance

Flex Air fan coil – Comfort AC fan		P-FC10	P-FC20	P-FC30	P-FC40	P-FC50	P-FC60	P-FC70	
Fan speed ¹⁾		Min / Med / Max							
2-pipes									
Total cooling capacity ²⁾	kW	0,66/1,00/1,45	0,61/0,96/1,38	0,95/1,88/2,37	1,14/2,28/3,02	1,71/3,16/4,64	2,57/4,33/5,53	3,24/5,84/6,91	
Sensible capacity ²⁾	kW	0,48/0,77/1,05	0,43/0,70/1,02	0,78/1,44/1,80	0,83/1,66/2,23	1,24/2,23/3,27	1,81/3,14/4,25	2,26/4,11/4,85	
Water flow ²⁾	l/h	114/172/250	105/165/238	164/324/408	196/393/520	295/544/799	443/746/953	558/1006/1190	
Water pressure drop ^{2) 3)}	kPa	9,17/19,5/39,1	2,65/4,62/7,43	5,8/17,6/26,3	17,0/21,5/35,2	7,5/22,8/47,1	12,6/33,9/54,4	4,4/13,9/19,4	
Heating capacity ⁴⁾	kW	0,63/1,18/1,71	0,63/1,03/1,53	1,00/1,86/2,49	1,14/2,28/3,18	1,79/3,47/4,81	2,45/4,22/5,63	3,45/6,27/7,41	
Water flow ⁴⁾	l/h	109/203/295	109/177/264	172/320/429	196/393/548	308/598/829	422/727/970	594/1080/1276	
Water pressure drop ^{2) 4)}	kPa	5,9/17,3/33,8	2,76/5,06/8,54	5,8/16,2/27,0	5,0/15,6/28,1	6,1/20,7/38,5	18,6/52,4/91,4	4,9/16,0/22,3	
4-pipes									
Total cooling capacity ²⁾	kW	0,63/0,88/1,24	0,87/1,34/1,73	0,91/1,80/2,28	0,98/2,14/2,85	1,57/2,88/4,13	2,60/4,39/5,61	3,17/5,62/6,58	
Sensible capacity ²⁾	kW	0,46/0,67/0,91	0,65/1,02/1,36	0,75/1,39/1,74	0,71/1,57/2,10	1,14/2,04/2,92	1,82/3,18/4,28	2,21/3,96/4,62	
Water flow ²⁾	l/h	109/152/214	150/231/298	157/310/393	169/369/491	270/496/711	448/756/966	546/968/1133	
Water pressure drop ^{2) 3)}	kPa	7,6/13,9/26,3	2,33/4,44/6,64	2,8/8,6/13,1	5,8/20,5/33,6	3,9/11,6/22,8	10,2/27,7/44,5	5,3/16,2/22,1	
Heating capacity ⁵⁾	kW	0,63/1,00/1,41	1,00/1,40/1,68	1,28/1,81/2,13	1,22/2,21/2,85	2,01/3,19/4,08	2,71/4,24/5,33	3,65/5,00/5,90	
Water flow ⁵⁾	l/h	54/86/121	86,1/121/145	110/156/183	105/190/245	173/275/351	233/365/459	314/431/508	
Water pressure drop ^{2) 5)}	kPa	1,2/2,1/3,3	1,15/2,2/3,12	2,8/4,7/6,1	5,1/13,9/21,8	5,7/12,5/19,4	11,6/24,8/37	35,4/60,7/81,2	
Sound levels									
Sound power	2-pipes	dB(A)	33/40/49	31/43/50	30/45/52	43/47/51	34/43/56	38/51/58	43/56/61
	4-pipes	dB(A)	33/40/49	31/43/50	30/45/52	33/44/51	34/46/56	38/51/58	43/56/61
Sound pressure ⁶⁾	2-pipes	dB(A)	24/31/40	22/34/41	21/36/43	21/35/42	25/37/47	29/42/49	34/47/52
	4-pipes	dB(A)	24/31/40	22/34/41	21/36/43	21/35/42	25/37/47	29/42/49	34/47/52
NR ⁶⁾	2-pipes		19/26/35	17/29/36	16/31/38	16/30/37	20/32/42	24/37/44	29/42/47
	4-pipes		19/26/35	17/29/36	16/31/38	16/30/37	20/32/42	24/37/44	29/42/47
Ventilation									
Number of fans		1	1	1	2	2	2	2	
Air flow	2-pipes	m ³ /h	94/190/283	68/104/196	138/274/390	270/311/417	253/486/716	350/640/933	480/893/1064
	4-pipes	m ³ /h	95/168/253	89/161/241	132/263/369	148/335/467	242/466/671	334/614/885	470/859/1012
Filter		G2							
Electrical data									
Power supply	Voltage	V	230	230	230	230	230	230	
	Phase		Single phase						
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	
Consumption	2-pipes	W	13/24/36	13/18/31	16/37/45	15/37/56	28/55/72	37/75/105	53/100/147
	4-pipes	W	13/24/36	11/18/28	16/37/44	15/37/55	28/54/70	37/74/104	53/99/145
Electric heater	W	500	500	500/1000	1250	1250/2500	1250/2500	1250/2500	
Water connections									
Connection type		Female gas threaded							
2 or 4-pipes	Cooling	Inch	½	½	½	½	½	¾	
4-pipes	Heating	Inch	½	½	½	½	½	½	
Dimension									
With cabinet - without feet	H x W x D	mm	477 x 766 x 225	477 x 766 x 225	477 x 951 x 225	477 x 1136 x 225	477 x 1321 x 225	477 x 1506 x 225	575 x 1319 x 225
Without cabinet	H x W x D	mm	430 x 570 x 220	430 x 570 x 220	430 x 753 x 220	430 x 938 x 220	430 x 1122 x 220	430 x 1307 x 220	530 x 1121 x 220
Weight									
With cabinet	2 / 4-pipes	kg	19/20	19/20	22/23	27/29	30/32	35/37	35/37
Without cabinet	2 / 4-pipes	kg	13/14	13/14	15/16	20/22	22/24	26/28	27/29

Energy efficiency class⁷⁾

Flex Air fan coil – Comfort AC fan		FCEER	A to E	E	E	D	D	D	D
2-pipes	FCEER	A to E	E	E	D	D	D	D	D
	FCCOP	A to E	E	E	E	E	E	E	E
4-pipes	FCEER	A to E	E	D	D	D	E	D	D
	FCCOP	A to E	E	D	D	D	E	E	E

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 5) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 6) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A). 7) According to Eurovent. *Standard configuration with left hand hydraulic connection. G2 air filter included as standard.

Accessories supplied loose

KIT Plogic – Kit Plogic control board
KIT BRC – Kit basic remote control (only with Plogic control board)
KIT WRC – Kit wall-mounted remote control LCD (only with Plogic control board)
KIT MB2 – Kit Plogic Modbus board
Other speeds configuration (standard factory set speeds in technical table)
SRC – Smart remote control – Mini building management system (only with Modbus RTU)
Suspension kit
TCEASY 2P/4P – Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

Accessories supplied loose

TCEASY 2P+C/O – Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed
TCPOD WHITE (BLACK) 2P/4P – Kit controller, Modbus, HMI-integrated, 2-pipe, 4-pipe, EC fan speed, white (black)
TCPOD WHITE (BLACK) 2P+EH – Kit controller, Modbus, HMI-integrated, 2-pipe+ electrical heater, EC fan speed, white (black)
PAW-FC-907AC – Wired remote controller with touch control
PAW-FC-903AC – Wired remote controller
PAW-FC-RC1 – Advanced wired remote controller



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Flex Air fan coil – Comfort EC fan

Fan coil floor and ceiling units with cooling and heating.

Cooling capacity: 0,5 to 9,1 kW.

Heating capacity: 0,6 to 12,9 kW.



Optional controller.
WRC remote control.



Optional controller.
SRC - mini BMS
controller.



Optional controller.
Electronic controller
TControl POD glass.



Optional controller.
Electronic controller
TControl EASY 3S.



Optional controller.
Wired remote controller
with touch control.
PAW-FC-907EC



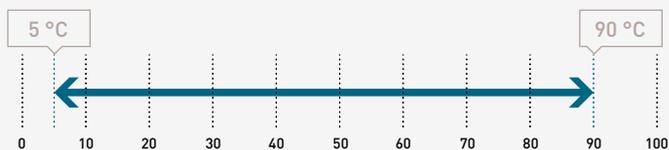
Optional controller.
Wired remote controller.
PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

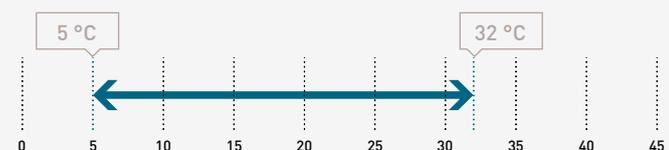


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 8 sizes
- Low energy consumption EC fan: 100% controllable via a 0-10 V signal or 3 operating speeds
- Air flow from 91 to 1548 m³/h
- Configuration: universal installation units (vertical or horizontal) with or without cabinet
- Left or right water connections
- Many air inlet/outlet configurations
- G2 air filter (G3 as an accessory)

Advantages

- Excellent performances: FCEER and FCCOP up to "A"
- Silent units
- New casing design for an increased robustness
- Harmonious and aesthetic RAL 9003 painted cabinet
- Valves, condensate drain pan and drain pump factory mounted
- 100% factory tested

Accessories and options

2W or 3W – 2 way or 3 way valves

4-pipes kit (additional coil)

CB – Circuit breakers

PUMP – Drain pump

EH – Electric heaters (from 500 W to 2500 W)

FC/FCG – Feet with/without grid

FH – Fuse holders

G3 filter

DG – Horizontal or vertical drain guard (with valve)

Many air inlet/outlet configurations

C/O – Electromechanical sensor for automatic changeover

AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Technical performance

Flex Air fan coil – Comfort EC fan			P-FC10	P-FC20	P-FC30	P-FC40	P-FC50	P-FC60	P-FC70	P-FC80
Fan speed ¹⁾			Min / Med / Max							
2-pipes										
Total cooling capacity ²⁾	kW		0,59/1,16/1,96	0,48/0,84/1,31	0,67/1,41/1,83	1,34/2,93/4,19	1,15/2,59/3,41	1,98/4,45/5,24	2,30/4,29/5,91	4,59/6,13/8,36
Sensible capacity ²⁾	kW		0,48/1,00/1,76	0,36/0,65/1,03	0,47/1,04/1,34	0,95/2,10/3,00	0,79/1,72/2,25	1,35/3,51/4,02	1,91/4,10/4,96	3,32/4,51/6,28
Water flow ²⁾	l/h		102/200/338	105/226/365	141/336/505	231/505/722	231/615/858	341/767/903	439/958/1128	791/1056/1440
Water pressure drop ^{2) 3)}	kPa		7,5/25,7/69,5	1,4/4,3/9,3	5,9/21,8/42,9	6,4/24,3/46,3	4,9/28,7/53,9	7,8/35,8/49,0	2,7/12,6/17,5	14,1/21,4/37,6
Heating capacity ⁴⁾	kW		0,67/1,30/2,31	0,68/1,04/2,52	0,80/1,72/2,66	1,11/2,48/4,46	1,38/3,89/5,19	1,95/4,93/5,82	3,05/5,81/7,17	4,21/5,80/8,43
Water flow ⁴⁾	l/h		115/224/398	117/264/434	138/296/458	191/427/768	238/670/894	336/849/1002	525/1001/1235	798/1101/1598
Water pressure drop ^{2) 4)}	kPa		6,5/20,6/59,1	1,7/5,5/12,4	4,1/14,2/30,4	4,8/18,1/51,9	3,8/25,7/44,6	12,2/70,7/97,5	3,9/13,8/20,9	14,4/23,1/45,6
4-pipes										
Total cooling capacity ²⁾	kW		0,40/0,64/1,41	0,57/1,20/2,18	0,75/1,84/2,93	1,03/2,20/3,52	1,17/3,45/4,39	1,69/3,90/4,69	2,44/4,88/6,06	4,44/5,86/9,07
Sensible capacity ²⁾	kW		0,30/0,51/1,24	0,43/0,96/1,76	0,55/1,44/2,28	0,73/1,57/2,58	0,92/2,61/3,28	1,12/3,05/3,63	1,83/3,61/4,53	3,20/4,31/6,84
Water flow ²⁾	l/h		68,9/109/243	98,2/207/376	129/317/505	177/379/606	202/594/756	291/672/808	420/841/1044	765/1009/1562
Water pressure drop ^{2) 3)}	kPa		5,2/10,5/40,1	1,3/3,8/9,7	4,0/13,7/28,0	9,3/27,8/58,9	2,3/16,2/25,6	4,6/22,0/31,4	3,2/12,3/18,8	18,8/30,6/67,2
Heating capacity ⁵⁾	kW		0,61/1,13/1,87	0,79/1,33/2,09	1,41/2,01/2,77	1,57/2,49/3,62	2,18/3,34/4,10	1,81/4,05/4,81	3,45/4,67/5,53	5,74/7,99/12,90
Water flow ⁵⁾	l/h		52,5/97,3/161	68/115/180	121/173/239	135/214/312	188/288/353	156/349/414	297/402/476	494/688/1111
Water pressure drop ^{2) 5)}	kPa		1,1/2,4/4,8	<1/2,0/4,8	7,9/12,3/18,6	10,9/22,2/41,1	6,5/13,6/19,6	16,1/45,3/57,5	32,2/53,9/72,4	19,2/34,5/83,1
Sound levels										
Sound power	2-pipes	dB(A)	34/47/60	34/47/60	31/50/59	29/44/52	30/51/57	32/54/58	45/57/59	51/56/64
	4-pipes	dB(A)	34/43/54	34/47/60	31/50/59	29/44/56	32/51/57	32/54/58	46/57/64	51/56/64
Sound pressure ⁶⁾	2-pipes	dB(A)	25/38/51	25/38/51	22/41/50	20/35/43	21/42/48	23/45/49	31/45/50	42/47/55
	4-pipes	dB(A)	25/34/45	25/38/51	22/41/50	20/35/43	21/42/48	23/45/49	31/45/50	42/47/55
NR ⁶⁾	2-pipes		20/33/46	20/33/46	17/36/45	15/30/38	16/37/43	18/40/44	26/40/45	37/42/50
	4-pipes		20/29/40	20/33/46	17/36/45	15/30/38	16/37/43	18/40/44	26/40/45	37/42/50
Ventilation										
Number of fans			1	1	1	2	2	2	2	3
Air flow	2-pipes	m ³ /h	108/228/417	98/134/227	119/257/345	170/412/678	203/577/816	245/737/912	350/641/894	500/680/1063
	4-pipes	m ³ /h	76/110/226	84/200/380	123/297/540	148/298/524	185/587/755	205/668/845	329/798/989	660/884/1548
Filter			G2							
Electrical data										
Power supply	Voltage	V	230	230	230	230	230	230	230	230
	Phase		Single phase							
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Consumption	2-pipes	W	7/12/41	7/13/41	6/16/42	2/13/43	4/23/46	4/30/54	12/35/77	23/42/108
	4-pipes	W	5/7/17	7/13/40	6/14/40	2/11/39	4/23/44	4/28/52	13/37/84	22/41/116
Electric heater	W		500	500	500/1000	1250	1250/2500	1250/2500	1250/2500	1250/2500
Water connections										
Connection type			Female gas threaded							
2 or 4-pipes	Cooling	Inch	½	½	½	½	½	½	¾	¾
4-pipes	Heating	Inch	½	½	½	½	½	½	½	½
Dimension										
With cabinet - without feet	H x W x D	mm	477 x 766 x 225	477 x 766 x 225	477 x 951 x 225	477 x 1136 x 225	477 x 1321 x 225	477 x 1506 x 225	575 x 1319 x 225	575 x 1506 x 225
Without cabinet	H x W x D	mm	430 x 570 x 220	430 x 570 x 220	430 x 753 x 220	430 x 938 x 220	430 x 1122 x 220	430 x 1307 x 220	530 x 1121 x 220	530 x 1316 x 220
Weight										
With cabinet	2 / 4-pipes	kg	19/20	19/20	22/23	27/29	30/32	35/37	35/37	47/49
Without cabinet	2 / 4-pipes	kg	13/14	13/14	15/16	20/22	22/24	26/28	27/29	38/40

Energy efficiency class ⁷⁾

Flex Air fan coil – Comfort EC fan										
2-pipes	FCEER	A to E	C	D	B	A	A	A	B	B
	FCCOP	A to E	D	D	C	B	A	B	B	C
4-pipes	FCEER	A to E	C	C	B	A	B	B	B	A
	FCCOP	A to E	C	C	B	A	B	B	B	A

1) Fan standard factory set speeds (voltage). 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 5) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 6) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A). 7) According to Eurovent. *Standard configuration with left hand hydraulic connection. G2 air filter included as standard.

Accessories supplied loose

KIT Plogic – Kit Plogic control board
KIT BRC – Kit basic remote control (only with Plogic control board)
KIT WRC – Kit wall-mounted remote control LCD (only with Plogic control board)
KIT MB2 – Kit Plogic Modbus board
Other speeds configuration (standard factory set speeds in technical table)
SRC – Smart remote control – Mini building management system (only with Modbus RTU)
Suspension kit

Accessories supplied loose

TCEASY 2P/4P – Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed
TCEASY 2P+C/O – Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed
TCPOD WHITE (BLACK) 2P/4P – Kit controller, Modbus, HMI-integrated, 2-pipe, 4-pipe, EC fan speed, white (black)
TCPOD WHITE (BLACK) 2P+EH – Kit controller, Modbus, HMI-integrated, 2-pipe+ electrical heater, EC fan speed, white (black)
PAW-FC-907EC – Wired remote controller with touch control
PAW-FC-903EC – Wired remote controller



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Flex Air fan coil – Cassette AC fan

Fan coil cassette units with cooling and heating.

Cooling capacity: 1,3 to 8,6 kW.

Heating capacity: 1,1 to 12,8 kW.



Optional controller.
WRC remote control.



Optional controller.
SRC - mini BMS controller.



Optional controller.
Electronic controller
TControl POD glass.



Optional controller.
Electronic controller
TControl EASY 3S.



Optional controller.
Wired remote controller
with touch control.
PAW-FC-907AC



Optional controller.
Wired remote controller.
PAW-FC-903AC



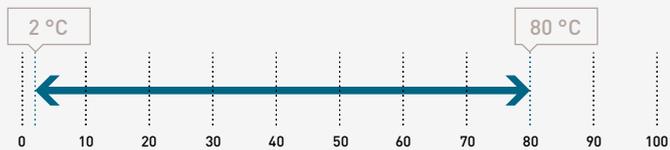
Optional controller.
Advanced wired remote controller.
PAW-FC-RC1

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

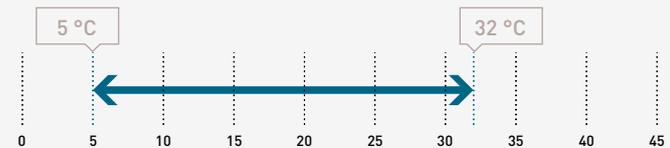


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 6 sizes
- 3-speed AC fan
- Air flow from 360 to 1447 m³/h
- Integrated condensate drain pump
- G1 cleanable air filter

Advantages

- Aesthetic and IRYS COANDA design diffusers with strong coanda effect
- Silent units
- Easy installation and maintenance: all connections on the same side. Electrical box and valves outside of the unit
- Low built-in-height
- Perfect integration into standard 600 x 600 ceiling tiles*
- Valves and drain pump factory mounted

*From 20 to 40 with IRYS COANDA diffusers.

IRYS COANDA diffusers.

For a unique design and a strong coanda effect.

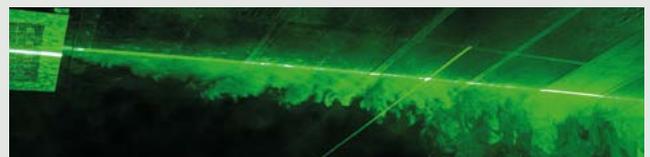


IRYS COANDA 360.
360° air diffusion.



IRYS COANDA 180.
180° air diffusion.

Coanda effect measurements taken in our Panasonic development center.



Accessories and options

2W or 3W - 2 way or 3 way valves

Auxiliary drain pan

EH - Electric heaters (from 1500 W to 3000 W)

KIT C/O - Kit electromechanical sensor for automatic changeover

Air distribution kit

G4 filter

AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Technical performance

Flex Air fan coil – Cassette AC fan		P-FQ20	P-FQ30	P-FQ40	P-FQ50	P-FQ60	P-FQ70	
Fan speed ¹⁾		Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	
2-pipes								
Total cooling capacity ²⁾	kW	1,54/1,76/2,36	1,87/2,87/3,99	2,78/3,49/4,69	3,35/4,43/6,07	3,69/5,46/7,18	4,04/6,48/8,61	
Sensible capacity ²⁾	kW	1,29/1,48/1,98	1,41/2,17/3,04	2,08/2,67/3,62	2,52/3,35/4,47	2,67/4,06/5,42	2,97/4,85/6,34	
Water flow ²⁾	l/h	265/303/404	323/493/683	478/597/801	576/762/1042	636/937/1233	695/1111/1476	
Water pressure drop ²⁾	kPa	4,0/5,0/10,0	3,0/7,0/14,0	6,0/10,0/18,0	7,0/12,0/22,0	3,0/6,0/11,0	5,0/12,0/20,0	
Heating capacity ³⁾	kW	1,92/2,17/2,74	1,94/3,15/3,68	3,16/3,92/5,28	3,80/5,08/6,84	3,85/6,26/8,51	4,38/7,95/10,28	
Water flow ³⁾	l/h	331/374/472	334/543/634	544/675/909	655/875/1178	663/1078/1466	754/1369/1771	
Water pressure drop ³⁾	kPa	6,0/7,0/10,0	3,0/9,0/11,0	7,0/10,0/17,0	8,0/13,0/22,0	3,0/8,0/14,0	6,0/17,0/26,0	
4-pipes								
Total cooling capacity ²⁾	kW	1,29/1,48/1,97	1,99/2,68/3,37	2,55/3,21/4,00	—	2,97/4,96/6,63	3,17/6,01/7,55	
Sensible capacity ²⁾	kW	1,18/1,38/1,84	1,49/2,07/2,65	2,03/2,58/3,30	—	2,23/3,77/5,06	2,38/4,68/5,95	
Water flow ²⁾	l/h	232/258/359	342/465/576	437/563/683	—	511/851/1137	543/1030/1294	
Water pressure drop ²⁾	kPa	6,0/8,0/13,0	4,0/7,0/11,0	6,0/10,0/15,0	—	5,0/14,0/24,0	6,0/20,0/30,0	
Heating capacity ⁴⁾	kW	1,09/1,27/1,67	3,10/4,40/5,46	4,32/5,00/5,80	—	5,28/7,79/10,04	6,43/10,07/12,77	
Water flow ⁴⁾	l/h	94/109/144	267/379/470	372/431/500	—	455/671/865	554/867/1100	
Water pressure drop ⁴⁾	kPa	15,0/17,0/28,0	7,0/13,0/20,0	13,0/17,0/23,0	—	4,0/7,0/11,0	5,0/11,0/16,0	
Sound levels								
Sound power	2-pipes	dB(A)	38/42/49	35/47/53	42/48/57	35/40/49	38/46/54	40/52/59
	4-pipes	dB(A)	37/41/49	35/47/53	42/48/57	—	38/46/54	40/52/59
Sound pressure ⁵⁾	2-pipes	dB(A)	27/31/40	26/35/44	33/39/48	26/31/40	29/37/45	31/43/50
	4-pipes	dB(A)	27/31/40	26/35/44	33/39/48	—	29/37/45	31/43/50
NR ⁵⁾	2-pipes		23/27/35	20/30/39	28/34/43	21/26/35	22/32/40	25/38/50
	4-pipes		23/27/35	20/30/39	28/34/43	—	22/32/40	25/38/45
Ventilation								
Number of fans			1	1	1	1	1	
Air flow	m ³ /h		360/450/659	320/504/734	486/626/900	529/720/979	500/824/1159	601/1080/1447
Filter			G1	G1	G1	G1	G1	
Electrical data								
Power supply	Voltage	V	230	230	230	230	230	
	Phase		Single phase					
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	
Consumption	2-pipes	W	25/35/58	17/34/58	38/58/99	28/41/66	34/61/88	44/92/125
	4-pipes	W	25/35/58	17/34/58	38/58/99	—	34/61/88	44/92/125
Electric heater	W		1500	2500	2500	2x1500	2x1500	2x1500
Water connections								
Connection type			Female gas threaded					
2 or 4-pipes	Cooling	Inch	¾	¾	¾	1	1	
4-pipes	Heating	Inch	½	½	½	—	¾	
Dimension and weight								
With plastic diffuser	H x W x D	mm	334 x 720 x 720	334 x 720 x 720	334 x 720 x 720	339 x 960 x 960	339 x 960 x 960	339 x 960 x 960
With IRYS COANDA 180	H x W x D	mm	353 x 595 x 595	353 x 595 x 595	353 x 595 x 595	366 x 849 x 849	366 x 849 x 849	366 x 849 x 849
With IRYS COANDA 360	H x W x D	mm	341 x 595 x 595	341 x 595 x 595	341 x 595 x 595	358 x 849 x 849	358 x 849 x 849	358 x 849 x 849
Weight		kg	14,8	16,5	16,5	37,1	37,1	39,6

Energy efficiency class ⁶⁾

Flex Air fan coil – Cassette AC fan		FCEER	A to E	D	C	D	C	C	C
2-pipes	FCCOP	A to E	E	D	D	D	C	C	D
	FCEER	A to E	E	C	D	—	C	D	D
4-pipes	FCCOP	A to E	E	C	D	—	C	C	C

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 5) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A). 6) According to Eurovent. *Drain pump and G1 filter are included as standard.

Accessories supplied loose

Plastic or metallic (IRYS COANDA) diffusers (mandatory):
 - IC180 G4 - Kit diffuser IRYS COANDA 180° with G4 filter
 - IC360 G4 - Kit diffuser IRYS COANDA 360° with G4 filter

KIT Plogic - Kit Plogic control board

KIT WRC - Kit wall-mounted remote control LCD (only with Plogic control board)

KIT MB2 - Kit Plogic Modbus board

IRC - Kit infrared remote control for Plogic

SRC - Smart remote control - Mini building management system (only with Modbus RTU)

Accessories supplied loose

TCEASY 2P/4P - Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

TCEASY 2P+C/O - Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed

TCPOD GLASS AC - Kit controller, Modbus, HMI-integrated, AC fan speed, black or white

PAW-FC-907AC - Wired remote controller with touch control

PAW-FC-903AC - Wired remote controller

PAW-FC-RC1 - Advanced wired remote controller



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Flex Air fan coil – Cassette EC fan

Fan coil cassette units with cooling and heating.

Cooling capacity: 1,3 to 9,6 kW.

Heating capacity: 1,1 to 14,0 kW.



Optional controller.
WRC remote control.



Optional controller.
SRC - mini BMS
controller.



Optional controller.
Electronic controller
TControl POD glass.



Optional controller.
Electronic controller
TControl EASY 3S.



Optional controller.
Wired remote controller
with touch control.
PAW-FC-907EC



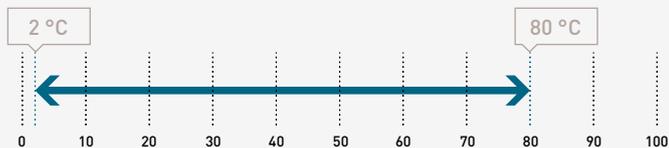
Optional controller.
Wired remote controller.
PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

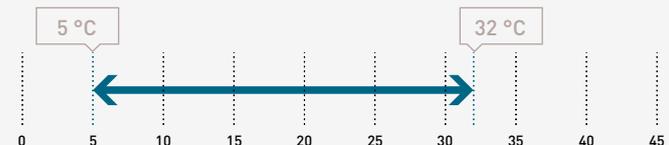


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 6 sizes
- Low energy consumption EC fan: 100% controllable via a 0-10 V signal or 3 operating speeds
- Air flow from 360 to 1598 m³/h
- Integrated condensate drain pump
- G1 cleanable air filter

Advantages

- Excellent performances: FCEER and FCCOP up to "A"
- Aesthetic and IRYS COANDA design diffusers with strong coanda effect
- Silent units
- Easy installation and maintenance: all connections on the same side. Electrical box and valves outside of the unit
- Low built-in-height
- Perfect integration into standard 600 x 600 ceiling tiles*
- Valves and drain pump factory mounted

*From 20 to 40 with IRYS COANDA diffusers.

IRYS COANDA diffusers.

For a unique design and a strong coanda effect.

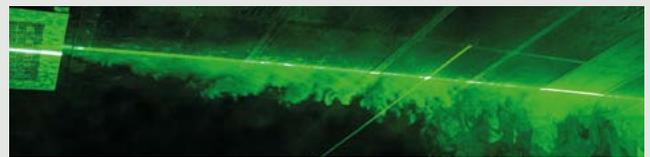


IRYS COANDA 360.
360° air diffusion.



IRYS COANDA 180.
180° air diffusion.

Coanda effect measurements taken in our Panasonic development center.



Accessories and options

2W or 3W - 2 way or 3 way valves

Auxiliary drain pan

KIT ECO - Kit Ecospeed card

EH - Electric heaters (from 1500 W to 3000 W)

KIT C/O - Kit electromechanical sensor for automatic changeover

Air distribution kit

G4 filter

AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Technical performance

Flex Air fan coil – Cassette EC fan			P-FQ20	P-FQ30	P-FQ40	P-FQ50	P-FQ60	P-FQ70
Fan speed ¹⁾			Min / Med / Max					
2-pipes								
Total cooling capacity ²⁾	kW		1,55/1,77/2,38	1,88/2,88/4,00	2,79/3,51/4,71	3,36/4,44/6,09	3,71/5,48/7,20	4,05/6,51/9,61
Sensible capacity ²⁾	kW		1,30/1,49/2,00	1,42/2,18/3,05	2,09/2,69/3,64	2,53/3,36/4,49	2,69/4,08/5,44	2,98/4,88/7,21
Water flow ²⁾	l/h		267/306/409	325/497/688	481/604/808	579/765/1050	640/944/1243	700/1119/1649
Water pressure drop ²⁾	kPa		4,0/5,0/10,0	3,0/7,0/14,0	6,0/10,0/18,0	7,0/12,0/22,0	3,0/6,0/11,0	5,0/12,0/25,0
Heating capacity ³⁾	kW		1,92/2,17/2,74	1,94/3,15/3,68	3,16/3,92/5,28	3,80/5,08/6,84	3,85/6,26/8,51	4,38/7,95/11,03
Water flow ³⁾	l/h		331/374/472	334/543/634	544/675/909	655/875/1178	663/1078/1466	754/1369/1900
Water pressure drop ³⁾	kPa		6,0/7,0/10,0	3,0/9,0/11,0	7,0/10,0/17,0	8,0/13,0/22,0	3,0/8,0/14,0	6,0/17,0/29,0
4-pipes								
Total cooling capacity ²⁾	kW		1,30/1,49/1,99	2,00/2,69/3,38	2,56/3,23/4,02	—	2,99/4,98/6,65	3,18/6,04/7,97
Sensible capacity ²⁾	kW		1,19/1,39/1,86	1,50/2,08/2,66	2,04/2,60/3,32	—	2,25/3,79/5,08	2,39/4,71/6,34
Water flow ²⁾	l/h		234/262/344	344/464/581	442/556/690	—	516/858/1144	549/1041/1366
Water pressure drop ²⁾	kPa		6,0/8,0/13,0	4,0/7,0/11,0	6,0/10,0/15,0	—	5,0/14,0/24,0	6,0/20,0/33,0
Heating capacity ⁴⁾	kW		1,09/1,27/1,67	3,10/4,40/5,46	4,32/5,00/5,80	—	5,28/7,79/10,00	6,43/10,67/13,99
Water flow ⁴⁾	l/h		94/109/144	267/379/470	372/431/500	—	455/671/865	554/867/1205
Water pressure drop ⁴⁾	kPa		13,0/17,0/28,0	7,0/13,0/20,0	13,0/17,0/23,0	—	4,0/7,0/11,0	5,0/11,0/19,0
Sound levels								
Sound power	2-pipes	dB(A)	36/40/49	35/44/53	42/48/57	35/40/49	38/46/54	40/52/61
	4-pipes	dB(A)	36/40/49	35/44/53	42/48/57	—	38/46/54	40/52/61
Sound pressure ⁵⁾	2-pipes	dB(A)	27/31/40	26/35/44	33/39/48	26/31/40	29/37/45	31/43/50
	4-pipes	dB(A)	27/31/40	26/35/44	33/39/48	—	29/37/45	31/43/50
NR ⁵⁾	2-pipes		23/27/35	20/30/39	28/34/43	21/26/35	22/32/40	25/38/45
	4-pipes		23/27/35	20/30/39	28/34/43	—	22/32/40	25/38/45
Ventilation								
Number of fans			1	1	1	1	1	1
Air flow	m ³ /h		360/450/659	320/504/734	486/626/900	529/720/979	500/824/1159	601/1080/1598
Filter			G1	G1	G1	G1	G1	G1
Electrical data								
Power supply	Voltage	V	230	230	230	230	230	230
	Phase		Single phase					
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60
Consumption	2-pipes	W	9/13/29	7/14/33	13/23/57	7/12/25	9/23/45	11/40/115
	4-pipes	W	9/13/29	7/14/32	13/22/57	—	9/23/45	11/40/115
Electric heater	W		1500	2500	2500	2x1500	2x1500	2x1500
Water connections								
Connection type			Female gas threaded					
2 or 4-pipes	Cooling	Inch	¾	¾	¾	1	1	1
4-pipes	Heating	Inch	½	½	½	—	¾	¾
Dimension and weight								
With plastic diffuser	H x W x D	mm	334 x 720 x 720	334 x 720 x 720	334 x 720 x 720	339 x 960 x 960	339 x 960 x 960	339 x 960 x 960
With IRYS COANDA 180	H x W x D	mm	353 x 595 x 595	353 x 595 x 595	353 x 595 x 595	366 x 849 x 849	366 x 849 x 849	366 x 849 x 849
With IRYS COANDA 360	H x W x D	mm	341 x 595 x 595	341 x 595 x 595	341 x 595 x 595	358 x 849 x 849	358 x 849 x 849	358 x 849 x 849
Weight	kg		14,8	16,5	16,5	37,1	37,1	39,6

Energy efficiency class ⁶⁾

Flex Air fan coil – Cassette EC fan			FCEER	A to E	B	A	B	A	A	A
2-pipes	FCEER									
	FCCOP									
4-pipes	FCEER									
	FCCOP									

1) Fan standard factory set speeds (voltage). 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C.

4) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 5) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A). 6) According to Eurovent. *Drain pump and G1 filter are included as standard.

Accessories supplied loose

Plastic or metallic (IRYS COANDA) diffusers (mandatory):
 - IC180 G4 - Kit diffuser IRYS COANDA 180° with G4 filter
 - IC360 G4 - Kit diffuser IRYS COANDA 360° with G4 filter

KIT Plogic - Kit Plogic control board

KIT WRC - Kit wall-mounted remote control LCD (only with Plogic control board)

KIT MB2 - Kit Plogic Modbus Board

IRC - Kit infrared remote control for Plogic

SRC - Smart remote control - Mini building management system (only with Modbus RTU)

Accessories supplied loose

TCEASY 2P/4P - Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

TCEASY 2P+C/O - Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed

TCPOD WHITE (BLACK) 2P/4P - Kit controller, Modbus, HMI-integrated, 2-pipe, 4-pipe, EC fan speed, white (black)

TCPOD WHITE (BLACK) 2P+EH - Kit controller, Modbus, HMI-integrated, 2-pipe+ electrical heater, EC fan speed, white (black)

PAW-FC-907EC - Wired remote controller with touch control

PAW-FC-903EC - Wired remote controller



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Flex Air fan coil – Wall-mounted AC fan

Fan coil wall units with cooling and heating.

Cooling capacity: 1,0 to 4,0 kW.

Heating capacity: 1,4 to 4,5 kW.



Optional controller.
WRC remote control.



Optional controller.
SRC - mini BMS controller.



Optional controller.
Electronic controller
TControl POD glass.



Optional controller.
Electronic controller
TControl EASY 3S.



Optional controller.
Wired remote controller
with touch control.
PAW-FC-907AC



Optional controller.
Wired remote controller.
PAW-FC-903AC



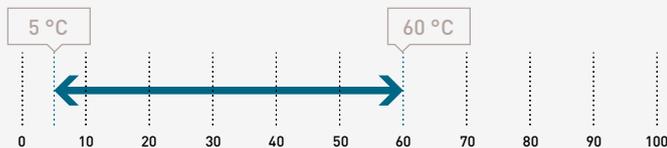
Optional controller.
Advanced wired remote controller.
PAW-FC-RC1

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

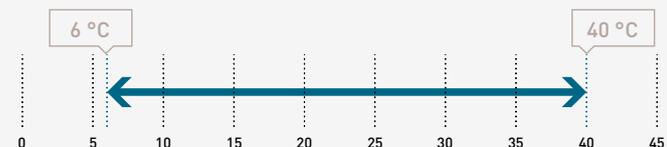


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>

The range at a glance

- Versions (2-pipes): infrared without valve (IR SV), infrared with valve (IR AV) and terminal block without valve (TB SV)
- 4 sizes
- 3-speed AC fan
- Air flow from 280 to 850 m³/h
- G1 cleanable air filter

Advantages

- Reversible
- Aesthetic design
- Light for easy installation
- Silent units
- Very easy servicing through a removable front panel
- Cleanable synthetic-type air filter

Accessories and options

2W or 3W - 2 way or 3 way valves

Accessories supplied loose

KIT Plogic - Kit Plogic control board

KIT WRC - Kit wall-mounted remote control LCD (only with Plogic control board)

KIT MB2 - Kit Plogic Modbus board

SRC - Smart remote control - Mini building management system (only with Modbus RTU)

TCEASY 2P/4P - Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

TCEASY 2P+C/O - Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed

TCPOD GLASS AC - Kit controller, Modbus, HMI-integrated, AC fan speed, black or white

PAW-FC-907AC - Wired remote controller with touch control

PAW-FC-903AC - Wired remote controller

PAW-FC-RC1 - Advanced wired remote controller



Technical performance

Flex Air fan coil – Wall-mounted AC fan		P-FW07(IR)	P-FW09(IR)	P-FW18(IR)	P-FW22(IR)
Fan speed ¹⁾		Min / Med / Max			
2-pipes, without valve, without/with IR infrared control					
Total cooling capacity ²⁾	kW	1,00/1,34/1,69	1,58/1,79/2,50	2,78/3,05/3,60	2,93/3,29/4,00
Sensible capacity ²⁾	kW	0,72/0,97/1,20	1,21/1,37/1,87	2,12/2,39/2,74	2,28/2,62/3,11
Water flow ²⁾	l/h	172/231/291	270/308/431	479/525/620	505/565/687
Water pressure drop ²⁾	kPa	18,6/24,9/31,4	18,5/21,4/31,0	34,6/40,0/52,3	37,2/42,8/54,9
Heating capacity ³⁾	kW	1,42/1,62/1,72	1,68/1,92/2,80	2,99/3,30/4,10	3,18/3,63/4,50
Water flow ³⁾	l/h	245/279/296	289/331/482	515/568/706	548/625/775
Water pressure drop ³⁾	kPa	17,6/23,4/26,5	21,4/23,5/28,6	39,9/46,3/64,7	41,7/55,0/85,8
Sound levels					
Sound power	dB(A)	45/49/51	40/43/52	47/50/54	50/55/60
Sound pressure ⁴⁾	dB(A)	30/33/35	32/36/40	39/41/43	39/43/48
NR ⁴⁾	dB(A)	32/36/38	34/39/44	40/43/46	43/46/50
Ventilation					
Number of fans		1	1	1	1
Air flow	m ³ /h	282/321/360	367/413/551	532/592/680	617/709/850
Filter		G1	G1	G1	G1
Electrical data					
Power supply	Voltage	V	230	230	230
	Phase		Single phase	Single phase	Single phase
	Frequency	Hz	50	50	50
Consumption	Cooling	W	39/42/62	30/33/40	44/48/53
	Heating	W	39/42/62	27/30/50	42/45/60
Water connections					
Connection type		Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Connections	Inch	½	½	½	½
Dimension and weight					
Dimension	H x W x D	mm	275 x 845 x 180	275 x 845 x 180	298 x 940 x 200
Weight	kg		11	11	13
Flex Air fan coil – Wall-mounted AC fan		P-FW09IR-3W		P-FW22IR-3W	
Fan speed ¹⁾		Min / Med / Max		Min / Med / Max	
2-pipes, with valve, with IR infrared control					
Total cooling capacity ²⁾	kW	1,11/1,25/1,40		2,32/2,68/3,10	
Sensible capacity ²⁾	kW	0,91/1,08/1,25		1,68/1,98/2,28	
Water flow ²⁾	l/h	191/215/241		400/460/532	
Water pressure drop ²⁾	kPa	14,9/16,8/18,8		42,4/50,8/61,5	
Heating capacity ³⁾	W	1,29/1,61/2,00		2,51/2,75/3,30	
Water flow ³⁾	l/h	222/277/344		432/474/568	
Water pressure drop ³⁾	kPa	16,1/21,3/28,2		45,8/48,6/54,1	
Sound levels					
Sound power	dB(A)	44/50/54		53/57/60	
Sound pressure ⁴⁾	dB(A)	32/36/40		39/43/48	
NR ⁴⁾	dB(A)	27/31/37		34/37/41	
Ventilation					
Number of fans		1		1	
Air flow	m ³ /h	150/250/400		290/400/600	
Filter		G1		G1	
Electrical data					
Power supply	Voltage	V	230		230
	Phase		Single phase		Single phase
	Frequency	Hz	50		50
Consumption	Cooling	W	35/38/43		50/58/69
	Heating	W	30/33/43		50/58/69
Water connections					
Connection type		Female gas threaded		Female gas threaded	
Connections	Inch	½		½	
Dimension and weight					
Dimension	H x W x D	mm	275 x 845 x 180		298 x 940 x 200
Weight	kg		11		13

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A).



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Flex Air fan coil – Duct EC fan

Fan coil medium static pressure ductable units with cooling and heating.

Cooling capacity: 0,7 to 6,7 kW.

Heating capacity: 0,5 to 7,1 kW.



Optional controller.
WRC remote control.



Optional controller.
SRC - mini BMS
controller.



Optional controller.
Electronic controller
TControl POD glass.



Optional controller.
Electronic controller
TControl EASY 3S.



Optional controller.
Wired remote controller
with touch control.
PAW-FC-907EC



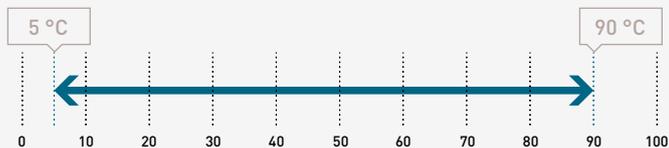
Optional controller.
Wired remote controller.
PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

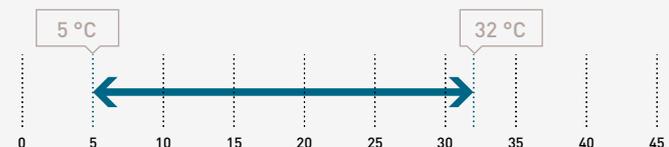


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



The range at a glance

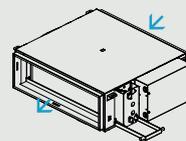
- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 6 sizes
- Low energy consumption EC fan: 100% controllable via a 0-10 V signal or 3 operating speeds
- Air flow from 82 to 1293 m³/h
- Static pressure up to 120 Pa
- Many air inlet/outlet configurations
- Left or right water / electric connections

Advantages

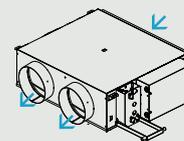
- Excellent performances: FCEER and FCCOP up to "A"
- Silent units: internal acoustic and thermal insulation
- Highly customisable: many aerauc configurations and selection of hydraulic, and electric service side
- Ease of installation: very low height (223 mm)
- Easy maintenance: direct access to the internal components
- Mono-bloc drain pan
- 100% factory tested

Air inlet/outlet configurations.

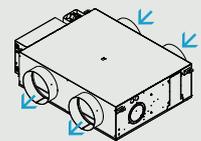
I configurations.



Rectangular return and
discharge (standard).

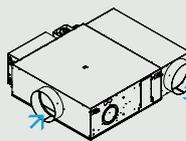


Rectangular return and
circular discharge.



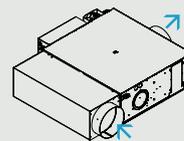
Circular return and
discharge.

J configuration.



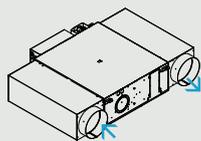
Circular return and
discharge.

L configuration.



Circular return and
discharge.

U configuration.



Circular return and
discharge.

Accessories and options

2W or 3W - 2 way or 3 way valves

CB - Circuit breakers

PUMP - Drain pump

ECO - Ecospeed 3 board (with terminal block)

EH - Electric heaters (from 500 W to 2500 W)

RANØ100 or 125 - Fresh air intake

FH - Fuse holder

G2/G3 filter

Other speeds configuration (standard factory set speeds in technical table)

Many air inlet/outlet configurations

C/O - Electromechanical sensor for automatic changeover

AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Technical performance

Flex Air fan coil – Duct EC fan			P-FD10	P-FD15	P-FD20	P-FD25	P-FD30	P-FD40
Fan speed ¹⁾			Min / Med / Max					
2-pipes								
Total cooling capacity ²⁾	kW		0,7/1,2/1,5	1,39/1,88/2,06	1,83/2,42/2,74	2,42/2,77/3,2	1,90/3,66/4,80	2,4/4,94/6,66
Sensible capacity ²⁾	kW		0,67/1,08/1,36	1,16/1,6/1,96	1,46/1,92/2,21	1,96/2,24/2,63	1,42/2,82/3,68	1,62/3,69/4,45
Water flow ²⁾	l/h		121/207/258	239/324/355	315/416/472	416/477/551	327/630/827	413/851/1148
Water pressure drop ²⁾	kPa		2,38/5,29/7,52	6,1/9,3/10,5	9,5/15,5/19,5	19,7/25,3/33,1	15,2/44/70,3	8,2/29,7/51,7
Heating capacity ³⁾	kW		0,51/1,28/1,82	1,45/2,07/2,55	2,07/2,47/2,59	2,58/3,02/3,39	1,90/3,83/5,01	2,4/5,1/7,06
Water flow ³⁾	l/h		87,8/220/313	250/357/439	357/425/446	444/520/584	327/660/863	410/878/1216
Water pressure drop ³⁾	kPa		1,54/5,85/10,3	6,5/10,6/14,3	11,9/16,1/17,6	22,3/30/37,3	13/47,4/79,2	8,2/31,4/57,6
4-pipes								
Total cooling capacity ²⁾	kW		0,71/1,35/1,58	1,34/1,78/2,18	1,78/2,38/2,74	2,19/2,69/2,94	1,72/3,54/4,57	2,22/4,76/6,37
Sensible capacity ²⁾	kW		0,67/1,20/1,42	1,11/1,52/1,73	1,42/1,9/2,22	1,73/2,16/2,39	1,24/2,61/3,39	1,77/4,02/5,63
Water flow ²⁾	l/h		122/233/272	231/307/376	306/410/472	377/463/506	296/610/787	382/821/1097
Water pressure drop ²⁾	kPa		2,43/6,36/8,18	5,8/8,5/11,4	9,1/15,1/19,5	13,3/19,4/22,9	8,6/32,4/52,7	7,2/27,8/57,1
Heating capacity ⁴⁾	kW		0,65/1,66/2,16	1,79/2,54/2,88	2,6/3,02/3,12	3,16/3,59/4,03	1,73/3,27/4,10	2,64/5,05/6,61
Water flow ⁴⁾	l/h		56/143/186	154/219/248	224/260/269	308/344/385	149/282/353	227/435/569
Water pressure drop ⁴⁾	kPa		1,36/4,88/7,24	5,9/11,1/13,9	12,1/18/19,7	11,5/14,9/18,9	7,50/28,4/45,2	3,5/37,3/120
Sound levels								
Sound power return - radiated ⁵⁾	2-pipes	dB(A)	31/52/55	44/55/60	46/57/61	50/55/61	40/58/64	42/58/63
	4-pipes	dB(A)	29/52/55	44/55/60	50/57/61	50/55/61	40/58/64	43/58/63
Sound power - discharge ⁵⁾	2-pipes	dB(A)	31/50/55	41/52/58	50/57/61	50/56/61	42/56/67	39/57/62
	4-pipes	dB(A)	34/51/57	41/52/58	50/57/61	50/56/61	43/56/64	38/54/59
Sound pressure ⁶⁾	2-pipes	dB(A)	20/35/38	26/37/42	31/40/44	33/39/44	20/39/47	23/39/52
	4-pipes	dB(A)	20/35/38	26/37/42	31/40/44	33/39/44	20/39/47	24/39/52
NR ⁶⁾	2-pipes		9/30/33	21/32/37	26/35/39	28/34/39	15/34/42	18/34/47
	4-pipes		6/30/33	21/32/37	26/35/39	28/34/39	15/34/42	19/34/47
Ventilation								
Number of fans			1	1	1	1	1	1
Air flow ⁵⁾	2-pipes	m ³ /h	82/247/357	255/383/491	360/501/599	448/541/642	300/738/1068	289/725/903
	4-pipes	m ³ /h	85/292/384	228/351/452	331/467/560	413/503/602	255/654/943	319/802/1228
External static pressure	2-pipes	Pa	3,3/30/62,6	22/50/82	26/50/72	34/50/70	8/50/105	8/50/116
	4-pipes	Pa	2,5/30/51,8	21/50/83	25/50/72	34/50/72	8/50/104	8/50/117
Electrical data								
Power supply	Voltage	V	230	230	230	230	230	230
	Phase		Single phase					
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60
Consumption	2-pipes	W	7/19/35	11/29/56	19/50/70	25/41/64	9/65/163	10/62/197
	4-pipes	W	7/20/36	11/28/53	20/47/76	26/41/69	8/60/166	10/60/188
Electric heater	W		500	600/1000	600/1000	1000/2000	1000/2000	1250/2500
Water connections								
Connection type			Female gas threaded					
2 or 4-pipes	Cooling	Inch	½	½	½	½	½	¾
4-pipes	Heating	Inch	½	½	½	½	½	½
Dimension and weight								
Dimension without drain pan	H x W x D	mm	223 x 633 x 631	223 x 733 x 631	223 x 833 x 631	223 x 933 x 631	223 x 933 x 631	223 x 1233 x 653
Weight		kg	14	16	18	20	22	29

Energy efficiency class ⁷⁾

Flex Air fan coil – Duct EC fan								
2-pipes	FCEER	A to E	C	B	B	B	B	A
	FCCOP	A to E	C	A	B	A	B	A
4-pipes	FCEER	A to E	C	B	B	B	B	A
	FCCOP	A to E	C	A	A	A	B	A

1) Fan standard factory set speeds (voltage). 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 5) According to Eurovent 6/10 (air flow test method) and 8/12 (sound test method). 6) Informative data, considering an hypothetical sound attenuation of the room and installation of 21 dB(A). 7) According to Eurovent. *Data with I configuration with rectangular return and discharge and G2 (P-FD10/15/20/25/30) or G3 (P-FD40) filter.

Accessories supplied loose

Suspension kit
KIT Plogic - Kit Plogic control board
KIT WRC - Kit wall-mounted remote control LCD (only with Plogic control board)
KIT MB2 - Kit Plogic Modbus Board
SRC - Smart remote control - Mini building management system (only with Modbus RTU)
TCEASY 2P/4P - Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

Accessories supplied loose

TCEASY 2P+C/O - Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed
TCPOD WHITE (BLACK) 2P/4P - Kit controller, Modbus, HMI-integrated, 2-pipe, 4-pipe, EC fan speed, white (black)
TCPOD WHITE (BLACK) 2P+EH - Kit controller, Modbus, HMI-integrated, 2-pipe+ electrical heater, EC fan speed, white (black)
PAW-FC-907EC - Wired remote controller with touch control
PAW-FC-903EC - Wired remote controller



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Flex Air fan coil – High static duct AC fan

Fan coil high static pressure ductable units with cooling and heating.

Cooling capacity: 4,1 to 24,8 kW.

Heating capacity: 4,1 to 25,0 kW.



Optional controller.
WRC remote control.



Optional controller.
SRC - mini BMS
controller.



Optional controller.
Electronic controller
TControl POD glass.



Optional controller.
Electronic controller
TControl EASY 3S.



Optional controller.
Wired remote controller
with touch control.
PAW-FC-907AC



Optional controller.
Wired remote
controller.
PAW-FC-903AC



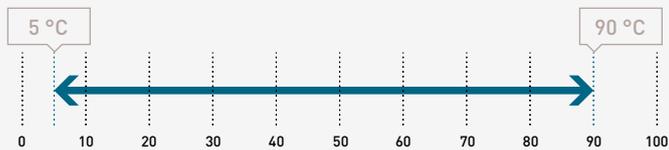
Optional controller.
Advanced wired
remote controller.
PAW-FC-RC1

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

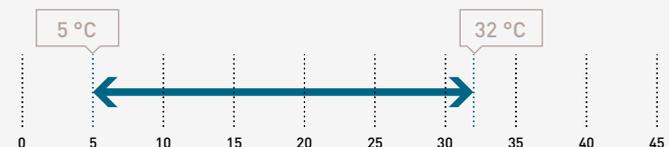


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>

The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 6 sizes
- 5 or 4-speed AC fan - standard factory set speeds.
07/15/18/21: S1,S3,S5 (5-speed fan motor) and 24/27:
S1,S2,S3 (4-speed fan motor)
- Air flow from 586 to 3451 m³/h
- High available static pressure up to 220 Pa
- Left or right water / electric connections

Advantages

- Very low acoustic level at low speed (double skin insulation available as an accessory)
- Selection of hydraulic and electric service side
- Ease of installation and maintenance
- 100% factory tested

Accessories and options

2W or 3W - 2 way or 3 way valves

Auxiliary drain pan

CB - Circuit breakers

PUMP - Drain pump

ERP - Double skin - M0

EH - Electric heaters (from 1000 W to 3000 W)

RANØ100 or 125 - Fresh air intake

FH - Fuse holder

G3/G4 filter

Inlet and outlet plenums for circular ducts (Ø7 only)

C/O - Electromechanical sensor for automatic changeover

Other speeds configuration (standard factory set speeds in technical table)

Accessories supplied loose

Suspension kit

KIT Plogic - Kit Plogic control board

KIT WRC - Kit wall-mounted remote control LCD (only with Plogic control board)

KIT MB2 - Kit Modbus board

SRC - Smart remote control - Mini building management system (only with Modbus RTU)

TCEASY 2P/4P - Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

TCEASY 2P+C/O - Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed

TCPOD GLASS AC - Kit controller, Modbus, HMI-integrated, AC fan speed, black or white

PAW-FC-907AC - Wired remote controller with touch control

PAW-FC-903AC - Wired remote controller

PAW-FC-RC1 - Advanced wired remote controller



Technical performance

Flex Air fan coil – High static duct AC fan			P-FH7	P-FH15	P-FH18	P-FH21	P-FH24	P-FH27
Fan speed ¹⁾			Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max
2-pipes								
Total cooling capacity ²⁾	kW		4,43/5,32/5,59	6,9/11,48/13,33	6,32/11,48/13,87	7,07/13,7/17	14,78/16,67/19,03	16,4/18,9/21,9
Sensible capacity ²⁾	kW		3,14/3,97/4,25	5,04/9,19/11,23	4,94/9,48/11,89	4,93/9,94/12,5	10,68/12,27/14,23	11,4/13,3/15,5
Water flow ²⁾	l/h		765/919/965	1191/1982/2302	1091/1982/2395	1221/2365/2935	2552/2878/3286	2832/3263/3781
Water pressure drop ²⁾	kPa		27,4/39,2/43,5	7,9/19,8/26,1	6,8/19,6/27,6	8,5/28,7/43,5	14,7/18,3/23,3	13,6/17,6/23
Heating capacity ³⁾	kW		4,06/5,53/6,7	6,6/12/15,48	7,2/14/18,01	6,95/13,9/17,8	15/17,4/20,9	15,4/17,9/21,5
Water flow ³⁾	l/h		701/955/1157	1140/2072/2673	1243/2417/3110	1200/2400/3073	2590/3004/3609	2659/3091/3712
Water pressure drop ³⁾	kPa		24,1/43,5/63,2	5/17,9/26,3	6,1/16,1/24,3	12,4/21,8/34,1	11,4/21,9/28,1	10,7/21/27,3
4-pipes								
Total cooling capacity ²⁾	kW		4,05/4,84/5,08	6,38/10,08/11,33	6,77/11,18/12,83	7,75/14,38/17,43	13,68/15,27/17,13	14,78/16,77/19,13
Sensible capacity ²⁾	kW		2,86/3,57/3,8	4,76/8,42/10,13	5,01/9,13/11,13	5,45/10,58/13,23	10,18/11,67/13,33	10,68/12,27/14,23
Water flow ²⁾	l/h		699/836/877	1102/1740/1956	1169/1930/2215	1338/2483/3009	2362/2637/2958	2552/2896/3303
Water pressure drop ²⁾	kPa		31/43/47,2	5,8/13,3/16,9	6,9/17,1/22,6	11,1/34,9/50,9	20,1/24,7/30,6	13,5/17/21,5
Heating capacity ⁴⁾	kW		5,5/7/7,7	9,6/17/21	9,7/17,06/21	9,7/17,1/21	10,9/12,9/15,2	18,5/25/29,6
Water flow ⁴⁾	l/h		475/604/665	829/1468/1813	837/1473/1813	837/1476/1813	941/1114/1312	1597/2158/2555
Water pressure drop ⁴⁾	kPa		9/13,3/15	32,7/92,1/134	20,2/56,1/80	20,2/56,1/80	30,8/39/49,5	38,8/67,2/82
Sound levels								
Sound power return - radiated ⁵⁾	2-pipes	dB(A)	57/60/63	52/66/72	54/66/74	52/66/72	65/69/73	65/69/73
	4-pipes	dB(A)	54/60/63	52/66/72	52/66/72	52/66/72	65/69/73	65/69/73
Sound power - discharge ⁵⁾	2-pipes	dB(A)	53/59/62	52/64/71	52/64/71	52/64/71	64/67/72	64/67/72
	4-pipes	dB(A)	53/59/62	52/64/71	52/64/71	52/64/71	64/67/72	64/67/72
Sound pressure ⁶⁾	2-pipes	dB(A)	33/39/42	31/45/51	31/45/51	31/45/51	44/48/52	44/48/52
	4-pipes	dB(A)	33/39/42	31/45/51	31/45/51	31/45/51	44/48/52	44/48/52
NR ⁶⁾	2-pipes		27/34/37	27/40/47	27/40/47	27/40/47	40/44/48	40/44/48
	4-pipes		27/34/37	27/40/47	27/40/47	27/40/47	40/44/48	40/44/48
Ventilation								
Number of fans			1	1	1	1	1	1
Filter			G3	G3	G3	G3	G3	G3
Air flow ⁵⁾	2-pipes	m ³ /h	703/977/1125	960/2112/2830	960/2112/2830	960/2112/2830	2040/2413/3436	2040/2413/3736
	4-pipes	m ³ /h	586/824/974	960/2112/2830	960/2112/2830	960/2112/2830	2040/2413/3436	2040/2413/3736
External static pressure	2-pipes	Pa	30/50/70	15/50/90	15/50/90	15/50/90	35/50/75	35/50/75
	4-pipes	Pa	25/50/70	15/50/90	15/50/90	15/50/90	35/50/75	35/50/75
Electrical data								
Power supply	Voltage	V	230	230	230	230	230	230
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60
Consumption	W		132/182/222	180/421/675	180/421/675	180/421/675	420/530/673	420/530/673
Electric heater	W		2000	3000	3000	3000	3000	3000
Water connections								
Connection type			Female gas threaded	Male gas threaded				
2-pipes	Inch		½	1	1 ¼	1 ¼	1 ¼	1 ¼
4-pipes	Cooling	Inch	½	1	1	1	1 ¼	1 ¼
	Heating	Inch	½	¾	¾	¾	¾	¾
Dimension and weight								
Dimension	H x W x D	mm	250 x 1200 x 698	375 x 1380 x 798	375 x 1380 x 798	375 x 1380 x 798	450 x 1500 x 798	450 x 1500 x 798
Weight		kg	42	63	65	67	76	80

Energy efficiency class ⁷⁾

Flex Air fan coil – High static duct AC fan								
2-pipes	FCEER	A to E	D	D	D	D	D	D
	FCCOP	A to E	C	C	C	C	D	D
4-pipes	FCEER	A to E	D	D	D	D	D	D
	FCCOP	A to E	C	C	C	C	D	D

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 5) According to Eurovent 6/10 (air flow test method) and 8/12 (sound test method). 6) Informative data, considering an hypothetical sound attenuation of the room and installation of 21 dB(A). 7) According to Eurovent. *Data with I configuration with rectangular return and discharge.



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Flex Air fan coil – High static duct EC fan

Fan coil high static pressure ductable units with cooling and heating.

Cooling capacity: 3,2 to 21,9 kW.

Heating capacity: 2,5 to 24,1 kW.



Optional controller.
WRC remote control.



Optional controller.
SRC - mini BMS
controller.



Optional controller.
Electronic controller
TControl POD glass.



Optional controller.
Electronic controller
TControl EASY 3S.



Optional controller.
Wired remote controller
with touch control.
PAW-FC-907EC



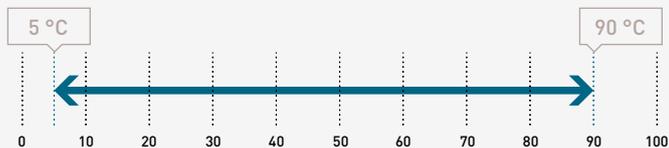
Optional controller.
Wired remote controller.
PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

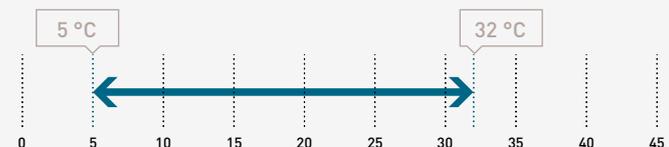


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 6 sizes
- Low energy consumption EC fan: 100% controllable via a 0-10 V signal or 3 operating speeds
- Air flow from 320 to 3568 m³/h
- High available static pressure up to 220 Pa
- Left or right water / electric connections

Advantages

- Excellent performances: FCEER and FCCOP up to "A"
- Very low acoustic level at low speed (double skin insulation available as an accessory)
- Selection of hydraulic and electric service side
- Ease of installation and maintenance
- 100% factory tested

Accessories and options

2W or 3W - 2 way or 3 way valves

Auxiliary drain pan

CB - Circuit breakers

PUMP - Drain pump

ERP - Double Skin - M0

ECO - Ecospeed 3 board (with terminal block)

EH - Electric heaters (from 1000 W to 3000 W)

RANØ100 or 125 - Fresh air intake

FH - Fuse holder

G3/G4 filter

Inlet and outlet plenums for circular ducts (Ø7 only)

C/O - Electromechanical sensor for automatic changeover

Other speeds configuration (standard factory set speeds in technical table)

Accessories supplied loose

Suspension kit

KIT Plogic - Kit Plogic control board

KIT WRC - Kit wall-mounted remote control LCD (only with Plogic control board)

KIT MB2 - Kit Plogic Modbus board

SRC - Smart remote control - Mini building management system (only with Modbus RTU)

TCEASY 2P/4P - Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

TCEASY 2P+C/O - Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed

TCPOD WHITE (BLACK) 2P/4P - Kit controller, Modbus, HMI-integrated, 2-pipe, 4-pipe, EC fan speed, white (black)

TCPOD WHITE (BLACK) 2P+EH - Kit controller, Modbus, HMI-integrated, 2-pipe+ electrical heater, EC fan speed, white (black)

PAW-FC-907EC - Wired remote controller with touch control

PAW-FC-903EC - Wired remote controller

AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Technical performance

Flex Air fan coil – High static duct EC fan		P-FH7	P-FH15	P-FH18	P-FH21	P-FH24	P-FH27	
Fan speed ¹⁾		Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	
2-pipes								
Total cooling capacity ²⁾	kW	3,26/4,90/5,88	7,93/10,1/11,1	8,98/11,7/12,8	9,79/12,7/13,9	10,6/16,1/17,6	11,7/18,1/19,9	
Sensible capacity ²⁾	kW	2,05/3,59/4,56	6,08/8,05/8,9	6,71/9,02/10	7,14/9,55/10,60	7,84/12,4/13,7	8,43/13,6/15,1	
Water flow ²⁾	l/h	562/844/1013	1369/1744/1917	1551/2020/2210	1690/2193/2400	1826/2780/3039	2022/3125/3436	
Water pressure drop ²⁾	kPa	15/33,5/48,1	13,2/19,8/23	9,1/14,2/16,7	10,2/15,4/17,9	8,04/18,4/21,4	7,58/19,1/22,5	
Heating capacity ³⁾	kW	2,47/5,61/9,26	8,66/11,7/13	9,48/13,1/14,6	9,99/14,1/15,8	10,9/17,6/19,5	11,6/19,1/21,4	
Water flow ³⁾	l/h	425/966/1595	1495/2020/2245	1637/2262/2521	1725/2435/2728	1872/3039/3367	1993/3298/3695	
Water pressure drop ³⁾	kPa	7,2/33,7/89,0	12,2/20,6/24,9	8,2/14,2/17,3	8,3/15/18,5	10,9/21,5/25,8	6,38/17,1/20,9	
4-pipes								
Total cooling capacity ²⁾	kW	3,22/4,74/5,54	6,57/8,21/8,91	7,4/9,26/10	8,92/11,3/12,4	9,51/14/15,2	10,2/15,3/16,8	
Sensible capacity ²⁾	kW	2,12/3,48/4,25	5,2/6,76/7,43	5,7/7,48/8,24	6,66/8,75/9,64	7,13/11/12,1	7,52/11,8/13,1	
Water flow ²⁾	l/h	555/817/954	1134/1418/1538	1278/1599/1727	1540/1951/2141	1642/2417/2624	1761/2642/2901	
Water pressure drop ²⁾	kPa	20,6/41,4/55,3	6,6/10,2/12	8/11,2/12,7	11,2/16,7/19,4	9,4/18,7/21,9	6,6/13,9/16,4	
Heating capacity ⁴⁾	kW	3,93/6,81/9,05	5,85/7,45/8,13	10/12,9/14,2	10/11,9/14,2	8/11,9/13	7,71/11,7/12,9	
Water flow ⁴⁾	l/h	338/586/779	505/643/702	863/1114/1226	863/1114/1226	691/1027/1122	666/1010/1114	
Water pressure drop ⁴⁾	kPa	5,6/12,5/19,5	14,1/21,4/25	28,7/43,6/51	22,8/34,8/40,8	13,5/27,5/32,1	5,2/11,3/13,4	
Sound levels								
Sound power return - radiated ⁵⁾	2-pipes	dB(A)	54/60/63	56/65/67	56/65/67	56/65/67	67/69/73	67/69/73
	4-pipes	dB(A)	54/60/63	56/65/67	56/65/67	56/65/67	58/69/73	58/69/73
Sound power - discharge ⁵⁾	2-pipes	dB(A)	53/59/62	56/64/65	56/64/65	56/64/65	66/67/72	66/67/72
	4-pipes	dB(A)	53/59/62	56/64/65	56/64/65	56/64/65	58/67/72	58/67/72
Sound pressure ⁶⁾	2-pipes	dB(A)	33/39/42	35/44/46	35/44/46	35/44/46	37/48/52	37/48/52
	4-pipes	dB(A)	33/39/42	35/44/46	35/44/46	35/44/46	37/48/52	37/48/52
NR ⁶⁾	2-pipes		27/34/37	31/40/42	31/40/42	31/40/42	33/44/48	33/44/48
	4-pipes		27/34/37	31/40/42	31/40/42	31/40/42	33/44/48	33/44/48
Ventilation								
Number of fans			1	1	1	1	1	
Filter			G3	G3	G3	G3	G3	
Air flow ⁵⁾	2-pipes	m ³ /h	347/849/1293	1360/2044/2335	1360/2044/2335	1360/2044/2335	1519/2700/3098	1519/2700/3098
	4-pipes	m ³ /h	320/803/1229	1360/2044/2335	1360/2044/2335	1360/2044/2335	1519/2700/3098	1519/2700/3098
External static pressure	2-pipes	Pa	8/50/116	22/50/65	22/50/65	22/50/65	16/50/66	16/50/66
	4-pipes	Pa	8/50/117	22/50/65	22/50/65	22/50/65	16/50/66	16/50/66
Electrical data								
Power supply	Voltage	V	230	230	230	230	230	
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	
Consumption	2-pipes	W	10/62/197	61/172/246	61/172/246	61/172/246	57/237/364	57/237/364
	4-pipes	W	10/60/189	61/172/246	61/172/246	61/172/246	57/237/364	57/237/364
Electric heater	W		2000	3000	3000	3000	3000	
Water connections								
Connection type			Female gas threaded	Male gas threaded	Male gas threaded	Male gas threaded	Male gas threaded	
2-pipes	Inch		½	1	1 ¼	1 ¼	1 ¼	
	Cooling	Inch	½	1	1	1	1 ¼	
4-pipes	Inch		½	¾	¾	¾	¾	
	Heating	Inch	½	¾	¾	¾	¾	
Dimension and weight								
Dimension	H x W x D	mm	250 x 1200 x 698	375 x 1380 x 798	375 x 1380 x 798	375 x 1380 x 798	450 x 1500 x 798	450 x 1500 x 798
Weight		kg	42	63	65	67	76	80

Energy efficiency class ⁷⁾

Flex Air fan coil – High static duct EC fan		FCEER	A to E	—	A	A	A	B	A
2-pipes	FCCOP	A to E	—	A	A	A	A	A	A
	FCEER	A to E	—	B	B	A	A	A	A
4-pipes	FCCOP	A to E	—	B	A	A	A	B	B
	FCEER	A to E	—	B	B	A	A	A	A

1) Fan standard factory set speeds [voltage]. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 5) According to Eurovent 6/10 (air flow test method) and 8/12 (sound test method). 6) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A). 7) According to Eurovent. *Data with I configuration with rectangular return and discharge.

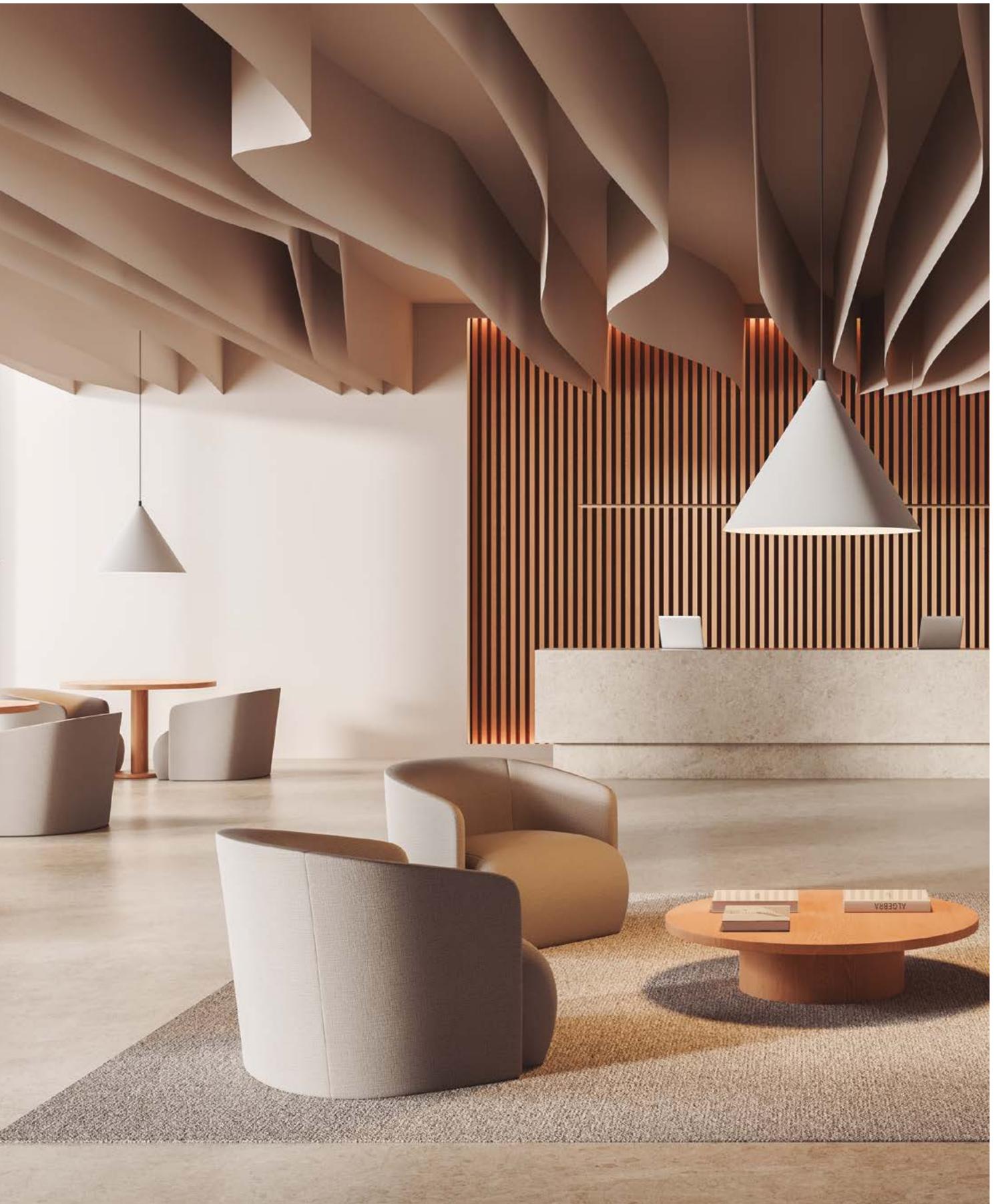


ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Flex Air fan coils controllers

Panasonic has a wide, technological range of controllers and control systems suitable for installation within a wide variety of locations such as office, hotel, and residential applications. These controllers are compatible with AC and EC fans and allow users to take advantage of the improved performance and efficiency and thus energy savings. Most of our controllers have an intuitive user interface to easily setup the desired configurations.



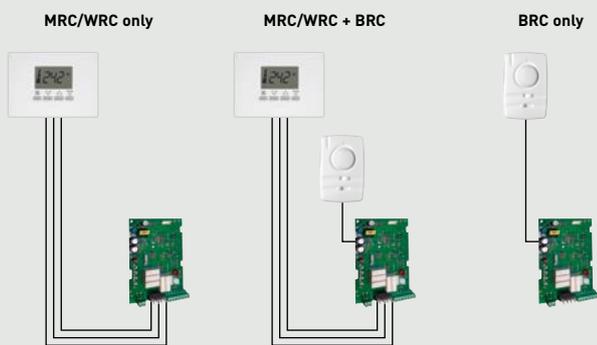
1 Individual controllers
 Thanks to these controllers it is possible to control one fan coil unit individually. All our controllers fall into this category. Depending on the model, they can have different features: possibility to set the desired temperature, compatibility with AC and EC fans, LCD display, wall or unit mounting.

2 Group controllers
 These controllers allow the control of more than one fan coil unit per controller but maintaining the same fan and temperature settings (a slight temperature variation is possible within the same zone). Plogic is the Panasonic group controller that allows you to control multiple units with a single control.

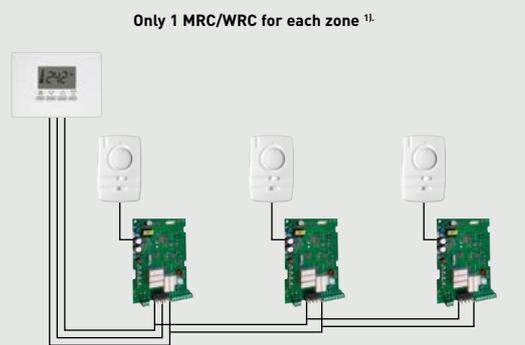
3 Centralized and group controller
 Due to the advanced technical capability, it is possible to control different climatic zones with different settings and ambient conditions. The combination of Plogic + BMS and SRC are the perfect example for this type of control.

Plogic (zone controller) with remote control.

1| Plogic. Different individual control possibilities.

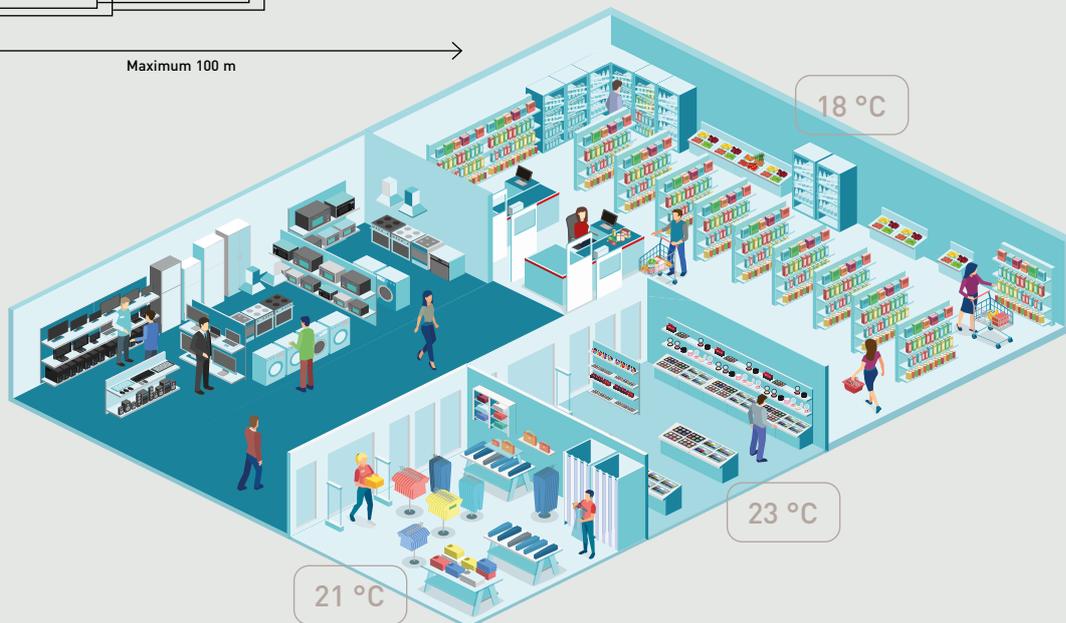
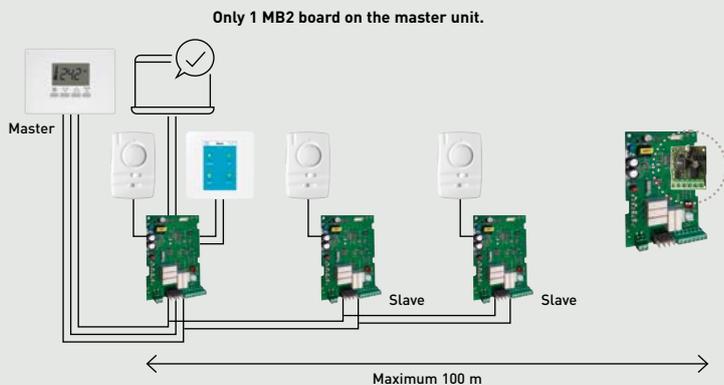


2| Plogic. Group control (without BMS).



1) Up to 15 Plogic/fan coil units. Fan coil units can be of different types, with AC or EC fan motor.

3| Centralized and group control with BMS and SRC.



Flex Air control systems

Flex Air Smart fan coils controls

	Individual controllers				Centralised controllers		
							
	CZ-RTC6WBLW2 / CZ-RTC6BLW2	CZ-RTC5B	CZ-RWS3**	PAW-FC-903EC / PAW-FC-907EC	CZ-ANC3	CZ-64ESMC3	CZ-256ESMC3
2-pipes / 4-pipes compatibility	✓	✓	✓	✓	✓	✓	✓
BMS connection	X	X	X	Modbus	X	X	X
SRC mini BMS compatibility	X	X	X	✓	X	X	X
Operation mode setting	Manual / Auto	Manual / Auto	Manual / Auto	Manual	Only ON / OFF	✓	✓
Fan control	✓	✓	✓	0-10 V	X	✓	✓
Fan speed selection	Manual / Auto	Manual / Auto	Manual / Auto	Manual / Auto	X	Manual / Auto	Manual / Auto
Fan operations	Cyclic ¹⁾	Cyclic ¹⁾	Cyclic ¹⁾	Continuous ²⁾ or cyclic ¹⁾	X	Cyclic ¹⁾	Cyclic ¹⁾
Motorised flap control	✓	✓	✓	X	X	✓	✓
Weekly timer	✓ With app	✓	✓ With app + Wi-Fi adapter	X	X	✓	✓
Grouping	Up to 8 units	Up to 8 units	Up to 8 units	X	X	Up to 64 units	Up to 256 units
nanoe™ X function	✓	✓	✓	X	X	X	X
Econavi function	✓	✓	✓	X	X	✓	✓
Panasonic Comfort Cloud App	✓	X	✓ With app + Wi-Fi adapter	X	X	X	X
Mounting type	Wall	Wall	Infrared	Wall	Wall	Wall	Wall
Fan coils compatibility	FK1 and FF1	FK1	FK1 and FF1	FK1 and FF1	FK1	FK1	FK1

1) Cyclic: fan operates in minimum fan speed after the set point is reached. 2) Continuous: fan continues running after the set point is reached. *Electrical heaters maximum power may vary according to the controller without a relay. **The Econavi function is only available when the optional part CZ-CENS1 is installed.

Commercial Smart Edge.

Manage the entire Panasonic HVAC portfolio from a single platform – on-site or remotely, 24/7.

Model code	Control points	Indoor unit connections ¹⁾
PAW-CSE-1B	100	4
PAW-CSE-2B	200	10
PAW-CSE-10	1000	50
PAW-CSE-20	2000	100

1) The final number of connected indoor units may vary depending on the range. *For the detail information, please contact an authorised Panasonic dealer.



 **COMPATIBLE WITH ENTIRE HVAC RANGE**

 **SIMPLIFIED COMMISSIONING**

 **OPTIMISED PLANT MANAGEMENT**

 **ADVANCED ANALYTICS**

PS P-SMART EDGE

P-Smart Edge*
A powerful smart control platform designed for single-site installations, giving you seamless management of the complete Panasonic HVAC range.



*Edge controller box (PAW-CSE**) is required.

PS P-SMART NEXUS

P-Smart Nexus*
An online multi-site control solution that provides remote, centralised supervision of all your locations worldwide.



Flex Air fan coils controls

		Individual controllers						
								
		Plagic	Tcontrol Easy	T-CONTROL POD	PAW-FC-903EC PAW-FC-907EC	PAW-FC-903AC PAW-FC-907AC	PAW-FC-RC1	TRM-FA
2-pipes / 4-pipes compatibility	2-pipes (cooling or heating)	✓	✓	✓	✓	✓	✓	✓
	2-pipes heat pump	✓	✓	✓	X	X	X	✓
	2-pipes cooling + electric heater (<2000 W)	✓	X	✓	X	X	X	✓
	2-pipes heat pump + electric heater (<2000 W)	✓	X	X	X	X	X	X
	4-pipes	✓	✓	✓	✓	X	✓	✓
BMS connection		Modbus (with MB2 card)	X	Modbus	Modbus	X	Modbus	X
SRC mini BMS compatibility		✓	X	✓	✓	X	✓	X
Operation mode setting		Manual / Auto ¹⁾	Manual / Auto ¹⁾	Manual / Auto ¹⁾ / Centralised	Manual	Manual	Manual / Auto	Manual
Fan control	EC	0-10 V	Ecospeed card	0-10 V	0-10 V	X	Ecospeed card	Ecospeed card
	AC	✓	✓	✓	X	✓	✓	✓
Fan speed selection		Manual / Auto	Manual / Auto	Manual / Auto	Manual / Auto	Manual / Auto	Manual / Auto	Manual
Fan operations		Continuous ³⁾ or cyclic ²⁾	Continuous ³⁾ or cyclic ²⁾	X	Cyclic ²⁾			
Weekly timer		X	X	✓	X	X	X	X
Grouping		Up to 15 units	X	X	X	X	X	X
Valve compatibility	ON / OFF 230 V	✓	✓	✓	✓	✓	✓	✓
Mounting type		Unit	Wall	Wall	Wall	Wall	Wall	Wall
Fan coils compatibility		FC, FQ, FW, FD and FH	FC, FQ, FW, FD and FH	FC, FQ, FW, FD and FH	FC, FQ, and FD	FC, FQ, FW and FH	FC, FQ, FW and FH	FC, FQ, FW, FD and FH

1) Changeover Auto with water pipe sensor. 2) Cyclic: fan stops when the set point is reached. 3) Continuous: fan continues running after the set point is reached. *Electrical heaters maximum power may vary according to the controller without a relay.

Remote controls.

Plagic. Wall mounting (surface) or mounted on the unit.



WRC / MRC ¹⁾



BRC



IRC ¹⁾

1) Integrated temperature sensor.

SRC - mini BMS controller.

Smart controller. Mini building management system.

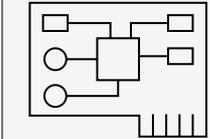


- Can be used as a mini BMS or a remote control
- Manage up to 15 zones and 31 units
- Communicate via Modbus protocol
- Time programming function

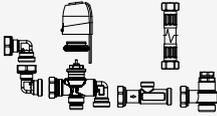
Accessories and control - Aquarea Air Smart fan coils

Aquarea Air Smart fan coil – Floor standing accessories

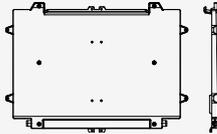
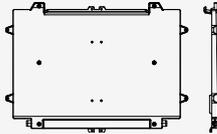
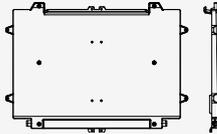
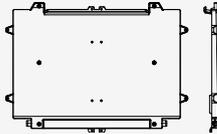
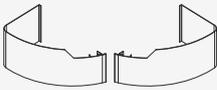
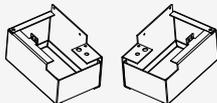
Control accessories

 <p>Wall-mounted control with Modbus for Aquarea Air Smart fan coils.</p> <p>-----</p> <p>PCZ-EEB749</p>	 <p>Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.</p> <p>-----</p> <p>PCZ-EFB749</p>	 <p>Wall-mounted control PCB for Aquarea Air Smart fan coil – Floor standing.</p> <p>-----</p> <p>PCZ-ESE845</p>	 <p>On-board display with Modbus for Aquarea Air Smart fan coil – Floor standing.</p> <p>-----</p> <p>PCZ-ECA844</p>	 <p>On-board display with integrated Wi-Fi for Aquarea Air Smart fan coil – Floor standing.</p> <p>-----</p> <p>PCZ-EWA844</p>	 <p>PCB for analog control (0-10V) for Aquarea Air Smart fan coil – Floor standing.</p> <p>-----</p> <p>PCZ-B10842</p>
---	--	--	--	--	--

Hydraulic accessories

 <p>3 way valve with motor for Aquarea Air Smart fan coil – Floor standing.</p> <p>-----</p> <p>PCZ-V30720</p>	 <p>2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted.</p> <p>-----</p> <p>PCZ-V20139</p>
--	--

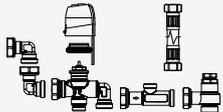
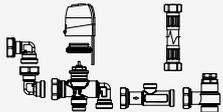
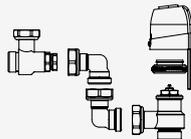
Installation accessories

 <p>Condensate drip tray for horizontal installation. For P-FAL10.</p> <p>-----</p> <p>PCZ-GB0520</p>	 <p>Condensate drip tray for horizontal installation. For P-FAL20.</p> <p>-----</p> <p>PCZ-GB0521</p>	 <p>Condensate drip tray for horizontal installation. For P-FAL30.</p> <p>-----</p> <p>PCZ-GB0522</p>	 <p>Condensate drip tray for horizontal installation. For P-FAL35.</p> <p>-----</p> <p>PCZ-GB0523</p>	 <p>Set of 2 legs to protect water pipes for Aquarea Air Smart fan coil – Floor standing.</p> <p>-----</p> <p>PCZ-LC0158</p>	 <p>Set of 2 legs to anchor the Aquarea Air Smart fan coil – Floor standing to the floor.</p> <p>-----</p> <p>PCZ-LC0606</p>
<p>Condensate drip tray for horizontal installation. For P-FAL40.</p> <p>-----</p> <p>PCZ-GB0524</p>					

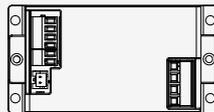
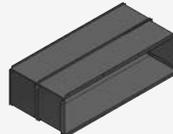
Aquarea Air Smart fan coil wall-mounted accessories

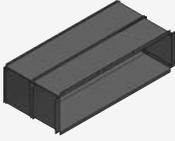
Control accessories

Hydraulic accessories

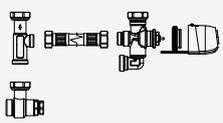
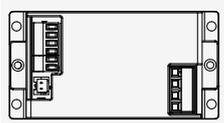
 <p>Wall-mounted control with Modbus for Aquarea Air Smart fan coils.</p> <p>-----</p> <p>PCZ-EEB749</p>	 <p>Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.</p> <p>-----</p> <p>PCZ-EFB749</p>	 <p>3 way valve with motor for Aquarea Air wall-mounted 10, 15 and 20.</p> <p>-----</p> <p>PCZ-V30688</p>	 <p>3 way valve with motor for Aquarea Air wall-mounted 40.</p> <p>-----</p> <p>PCZ-V30718</p>	 <p>2 way valve with motor for Aquarea Air wall-mounted 10, 15 and 20.</p> <p>-----</p> <p>PCZ-V20687</p>	 <p>2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted.</p> <p>-----</p> <p>PCZ-V20139</p>
---	--	---	--	---	--

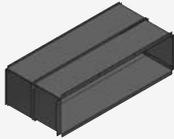
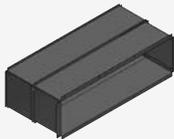
Aquarea Air Smart fan coil – Ducted thin accessories

Control accessories			Hydraulic accessories		
 <p>Wall-mounted control with Modbus for Aquarea Air Smart fan coils.</p> <p>----- PCZ-EEB749</p>	 <p>Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.</p> <p>----- PCZ-EFB749</p>	 <p>3 way valve with motor for Aquarea Air Smart fan coil – Ducted.</p> <p>----- PCZ-V30361</p>	 <p>2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted.</p> <p>----- PCZ-V20139</p>	 <p>PCB for underfloor heating valve control. Requires PCZ-EEB749 or PCZ-EFB749.</p> <p>----- PCZ-EG1028</p>	
<p>Replacement recirculation filter kit</p>	<p>Delivery plates</p>	<p>Return plenum</p>	<p>90° shooting plenum</p>	<p>Telescopic kit for rear or directly coupled suction. 153 mm - 270 mm</p>	<p>Grille for telescopic kit for rear intake</p>
 <p>For P-FSN20 and P-FTN15.</p> <p>----- PCZ-AHRD0491</p>	 <p>With 2 circular inlets DN 160 mm. For P-FTN15.</p> <p>----- PCZ-AHRD0561</p>	 <p>With 2 circular inlets DN 160 mm. For P-FTN15.</p> <p>----- PCZ-AHRD0566</p>	 <p>For P-FTN15.</p> <p>----- PCZ-AHRD0576</p>	 <p>For P-FTN15.</p> <p>----- PCZ-AHRD0581</p>	 <p>For P-FTN15.</p> <p>----- PCZ-AHRD0586</p>
<p>For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30.</p> <p>----- PCZ-AHRD0492</p>	<p>With 3 circular inlets DN 160 mm. For P-FTN20.</p> <p>----- PCZ-AHRD0562</p>	<p>With 3 circular inlets DN 160 mm. For P-FTN20.</p> <p>----- PCZ-AHRD0567</p>	<p>For P-FTN20 and P-FTQ30.</p> <p>----- PCZ-AHRD0577</p>	<p>For P-FTN20.</p> <p>----- PCZ-AHRD0582</p>	<p>For P-FTN20.</p> <p>----- PCZ-AHRD0587</p>
<p>For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45.</p> <p>----- PCZ-AHRD0493</p>	<p>With 4 circular inlets DN 160 mm. For P-FTN25.</p> <p>----- PCZ-AHRD0563</p>	<p>With 4 circular inlets DN 160 mm. For P-FTN25.</p> <p>----- PCZ-AHRD0568</p>	<p>For P-FTN25 and P-FTQ45.</p> <p>----- PCZ-AHRD0578</p>	<p>For P-FTN25.</p> <p>----- PCZ-AHRD0583</p>	<p>For P-FTN25.</p> <p>----- PCZ-AHRD0588</p>
<p>For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60.</p> <p>----- PCZ-AHRD0494</p>	<p>With 6 circular inlets DN 160 mm. For P-FTN35.</p> <p>----- PCZ-AHRD0564</p>	<p>With 6 circular inlets DN 160 mm. For P-FTN35.</p> <p>----- PCZ-AHRD0569</p>	<p>For P-FTN35 and P-FTQ60.</p> <p>----- PCZ-AHRD0579</p>	<p>For P-FTN35.</p> <p>----- PCZ-AHRD0584</p>	<p>For P-FTN35.</p> <p>----- PCZ-AHRD0589</p>
<p>For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65.</p> <p>----- PCZ-AHRD0495</p>	<p>With 7 circular inlets DN 160 mm. For P-FTN45.</p> <p>----- PCZ-AHRD0565</p>	<p>With 7 circular inlets DN 160 mm. For P-FTN45.</p> <p>----- PCZ-AHRD0570</p>	<p>For P-FTN45 and P-FTQ65.</p> <p>----- PCZ-AHRD0580</p>	<p>For P-FTN45.</p> <p>----- PCZ-AHRD0585</p>	<p>For P-FTN45.</p> <p>----- PCZ-AHRD0590</p>

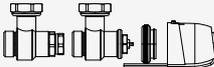
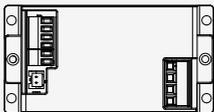
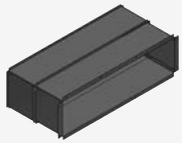
<p>Plenum kit for external air connection with damper for room recirculation</p>	<p>Ducting plate plenum kit for outdoor air connection with damper</p>	<p>90° plenum for outdoor air kit with damper</p>	<p>Telescopic kit. For plenum for outdoor air kit with damper</p>	<p>Grille for telescopic kit. For plenum for outdoor air kit with damper</p>
 <p>For P-FTN15. ----- PCZ-AHRD0571</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0572</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0573</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0574</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0575</p>	 <p>For P-FTN15. ----- PCZ-AHRD0611</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0612</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0613</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0614</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0615</p>	 <p>For P-FTN15. ----- PCZ-AHRD0616</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0617</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0618</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0619</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0620</p>	 <p>For P-FTN15. ----- PCZ-AHRD0621</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0622</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0623</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0624</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0625</p>	 <p>For P-FTN15. ----- PCZ-AHRD0626</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0627</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0628</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0629</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0630</p>

Aquarea Air Smart fan coil – Ducted accessories

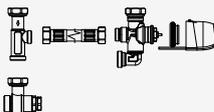
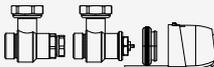
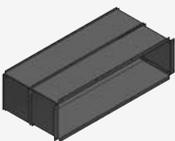
Control accessories		Hydraulic accessories		
 <p>Wall-mounted control with Modbus for Aquarea Air Smart fan coils.</p> <p>----- PCZ-EEB749</p>	 <p>Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.</p> <p>----- PCZ-EFB749</p>	 <p>3 way valve with motor for Aquarea Air Smart fan coil - Ducted.</p> <p>----- PCZ-V30361</p>	 <p>2 way valve with motor for Aquarea Air Smart fan coil - Floor standing, wall-mounted 40 and ducted.</p> <p>----- PCZ-V20139</p>	 <p>PCB for underfloor heating valve control. Requires PCZ-EEB749 or PCZ-EFB749.</p> <p>----- PCZ-EG1028</p>

Replacement recirculation filter kit	Delivery plates	Return plenum	90° shooting plenum	Telescopic kit for rear or directly coupled suction. 153 mm - 270 mm	Grille for telescopic kit for rear intake
 <p>For P-FSN20 and P-FTN15.</p> <p>-----</p> <p>PCZ-AHRD0491</p> <p>For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30.</p> <p>-----</p> <p>PCZ-AHRD0492</p> <p>For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45.</p> <p>-----</p> <p>PCZ-AHRD0493</p> <p>For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60.</p> <p>-----</p> <p>PCZ-AHRD0494</p> <p>For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65.</p> <p>-----</p> <p>PCZ-AHRD0495</p>	 <p>With 2 circular inlets DN 160 mm. For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0431</p> <p>With 3 circular inlets DN 160 mm. For P-FSN25.</p> <p>-----</p> <p>PCZ-AHRD0432</p> <p>With 4 circular inlets DN 160 mm. For P-FSN35.</p> <p>-----</p> <p>PCZ-AHRD0433</p> <p>With 6 circular inlets DN 160 mm. For P-FSN45.</p> <p>-----</p> <p>PCZ-AHRD0434</p> <p>With 7 circular inlets DN 160 mm. For P-FSN55.</p> <p>-----</p> <p>PCZ-AHRD0435</p>	 <p>With 2 circular inlets DN 160 mm. For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0461</p> <p>With 3 circular inlets DN 160 mm. For P-FSN25.</p> <p>-----</p> <p>PCZ-AHRD0462</p> <p>With 4 circular inlets DN 160 mm. For P-FSN35.</p> <p>-----</p> <p>PCZ-AHRD0463</p> <p>With 6 circular inlets DN 160 mm. For P-FSN45.</p> <p>-----</p> <p>PCZ-AHRD0464</p> <p>With 7 circular inlets DN 160 mm. For P-FSN55.</p> <p>-----</p> <p>PCZ-AHRD0465</p>	 <p>For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0521</p> <p>For P-FSN25 and P-FSQ30.</p> <p>-----</p> <p>PCZ-AHRD0522</p> <p>For P-FSN35 and P-FSQ45.</p> <p>-----</p> <p>PCZ-AHRD0523</p> <p>For P-FSN45 and P-FSQ60.</p> <p>-----</p> <p>PCZ-AHRD0524</p> <p>For P-FSN55 and P-FSQ75.</p> <p>-----</p> <p>PCZ-AHRD0525</p>	 <p>For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0531</p> <p>For P-FSN25.</p> <p>-----</p> <p>PCZ-AHRD0532</p> <p>For P-FSN35.</p> <p>-----</p> <p>PCZ-AHRD0533</p> <p>For P-FSN45.</p> <p>-----</p> <p>PCZ-AHRD0534</p> <p>For P-FSN55.</p> <p>-----</p> <p>PCZ-AHRD0535</p>	 <p>For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0541</p> <p>For P-FSN25.</p> <p>-----</p> <p>PCZ-AHRD0542</p> <p>For P-FSN35.</p> <p>-----</p> <p>PCZ-AHRD0543</p> <p>For P-FSN45.</p> <p>-----</p> <p>PCZ-AHRD0544</p> <p>For P-FSN55.</p> <p>-----</p> <p>PCZ-AHRD0545</p>
<p>Plenum kit for external air connection with damper for room recirculation</p>	<p>Ducting plate plenum kit for outdoor air connection with damper</p>		<p>90° plenum for outdoor air kit with damper</p>	<p>Telescopic kit. For plenum for outdoor air kit with damper</p>	<p>Grille for telescopic kit. For plenum for outdoor air kit with damper</p>
 <p>For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0639</p> <p>For P-FSN25 and P-FSQ30.</p> <p>-----</p> <p>PCZ-AHRD0640</p> <p>For P-FSN35 and P-FSQ45.</p> <p>-----</p> <p>PCZ-AHRD0641</p> <p>For P-FSN45 and P-FSQ60.</p> <p>-----</p> <p>PCZ-AHRD0642</p> <p>For P-FSN55 and P-FSQ75.</p> <p>-----</p> <p>PCZ-AHRD0643</p>	 <p>For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0651</p> <p>For P-FSN25 and P-FSQ30.</p> <p>-----</p> <p>PCZ-AHRD0652</p> <p>For P-FSN35 and P-FSQ45.</p> <p>-----</p> <p>PCZ-AHRD0653</p> <p>For P-FSN45 and P-FSQ60.</p> <p>-----</p> <p>PCZ-AHRD0654</p> <p>For P-FSN55 and P-FSQ75.</p> <p>-----</p> <p>PCZ-AHRD0655</p>		 <p>For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0656</p> <p>For P-FSN25 and P-FSQ30.</p> <p>-----</p> <p>PCZ-AHRD0657</p> <p>For P-FSN35 and P-FSQ45.</p> <p>-----</p> <p>PCZ-AHRD0658</p> <p>For P-FSN45 and P-FSQ60.</p> <p>-----</p> <p>PCZ-AHRD0659</p> <p>For P-FSN55 and P-FSQ75.</p> <p>-----</p> <p>PCZ-AHRD0660</p>	 <p>For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0661</p> <p>For P-FSN25 and P-FSQ30.</p> <p>-----</p> <p>PCZ-AHRD0662</p> <p>For P-FSN35 and P-FSQ45.</p> <p>-----</p> <p>PCZ-AHRD0663</p> <p>For P-FSN45 and P-FSQ60.</p> <p>-----</p> <p>PCZ-AHRD0664</p> <p>For P-FSN55 and P-FSQ75.</p> <p>-----</p> <p>PCZ-AHRD0665</p>	 <p>For P-FSN20.</p> <p>-----</p> <p>PCZ-AHRD0666</p> <p>For P-FSN25 and P-FSQ30.</p> <p>-----</p> <p>PCZ-AHRD0667</p> <p>For P-FSN35 and P-FSQ45.</p> <p>-----</p> <p>PCZ-AHRD0668</p> <p>For P-FSN45 and P-FSQ60.</p> <p>-----</p> <p>PCZ-AHRD0669</p> <p>For P-FSN55 and P-FSQ75.</p> <p>-----</p> <p>PCZ-AHRD0670</p>

Aquarea Air Smart fan coil – Ducted multi zone thin accessories

Control accessories		Hydraulic accessories			
 <p>Wall-mounted control with Modbus for Aquarea Air Smart fan coils.</p> <p>----- PCZ-EEB749</p>	 <p>Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.</p> <p>----- PCZ-EFB749</p>	 <p>3 way valve with motor for Aquarea Air Smart fan coil – Ducted.</p> <p>----- PCZ-V30361</p>	 <p>2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted.</p> <p>----- PCZ-V20139</p>	 <p>PCB for underfloor heating valve control. Requires PCZ-EEB749 or PCZ-EFB749.</p> <p>----- PCZ-EG1028</p>	
Replacement recirculation filter kit		Return plenum		90° shooting plenum	
 <p>For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30.</p> <p>----- PCZ-AHRD0492</p> <p>For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45.</p> <p>----- PCZ-AHRD0493</p> <p>For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60.</p> <p>----- PCZ-AHRD0494</p> <p>For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65.</p> <p>----- PCZ-AHRD0495</p>	 <p>With 2 circular inlets DN 160 mm. For P-FTQ30.</p> <p>----- PCZ-AHRD0682</p> <p>With 3 circular inlets DN 160 mm. For P-FTQ45.</p> <p>----- PCZ-AHRD0683</p> <p>With 4 circular inlets DN 160 mm. For P-FTQ60.</p> <p>----- PCZ-AHRD0684</p> <p>With 5 circular inlets DN 160 mm. For P-FTQ65.</p> <p>----- PCZ-AHRD0685</p>	 <p>For P-FTN20 and P-FTQ30.</p> <p>----- PCZ-AHRD0577</p> <p>For P-FTN25 and P-FTQ45.</p> <p>----- PCZ-AHRD0578</p> <p>For P-FTN35 and P-FTQ60.</p> <p>----- PCZ-AHRD0579</p> <p>For P-FTN45 and P-FTQ65.</p> <p>----- PCZ-AHRD0580</p>			
Plenum kit for external air connection with damper for room recirculation	Ducting plate plenum kit for outdoor air connection with damper	90° plenum for outdoor air kit with damper	Telescopic kit. For plenum for outdoor air kit with damper	Grille for telescopic kit. For plenum for outdoor air kit with damper	Non-return damper
 <p>For P-FTN20 and P-FTQ30.</p> <p>----- PCZ-AHRD0572</p> <p>For P-FTN25 and P-FTQ45.</p> <p>----- PCZ-AHRD0573</p> <p>For P-FTN35 and P-FTQ60.</p> <p>----- PCZ-AHRD0574</p> <p>For P-FTN45 and P-FTQ65.</p> <p>----- PCZ-AHRD0575</p>	 <p>For P-FTN20 and P-FTQ30.</p> <p>----- PCZ-AHRD0612</p> <p>For P-FTN25 and P-FTQ45.</p> <p>----- PCZ-AHRD0613</p> <p>For P-FTN35 and P-FTQ60.</p> <p>----- PCZ-AHRD0614</p> <p>For P-FTN45 and P-FTQ65.</p> <p>----- PCZ-AHRD0615</p>	 <p>For P-FTN20 and P-FTQ30.</p> <p>----- PCZ-AHRD0617</p> <p>For P-FTN25 and P-FTQ45.</p> <p>----- PCZ-AHRD0618</p> <p>For P-FTN35 and P-FTQ60.</p> <p>----- PCZ-AHRD0619</p> <p>For P-FTN45 and P-FTQ65.</p> <p>----- PCZ-AHRD0620</p>	 <p>For P-FTN20 and P-FTQ30.</p> <p>----- PCZ-AHRD0622</p> <p>For P-FTN25 and P-FTQ45.</p> <p>----- PCZ-AHRD0623</p> <p>For P-FTN35 and P-FTQ60.</p> <p>----- PCZ-AHRD0624</p> <p>For P-FTN45 and P-FTQ65.</p> <p>----- PCZ-AHRD0625</p>	 <p>For P-FTN20 and P-FTQ30.</p> <p>----- PCZ-AHRD0627</p> <p>For P-FTN25 and P-FTQ45.</p> <p>----- PCZ-AHRD0628</p> <p>For P-FTN35 and P-FTQ60.</p> <p>----- PCZ-AHRD0629</p> <p>For P-FTN45 and P-FTQ65.</p> <p>----- PCZ-AHRD0630</p>	 <p>Non-return damper. For P-FTQ and P-FSQ.</p> <p>----- PCZ-AHRD0519</p>

Aquarea Air Smart fan coil – Ducted multi zone accessories

Control accessories		Hydraulic accessories		
 <p>Wall-mounted control with Modbus for Aquarea Air Smart fan coils.</p> <p>----- PCZ-EEB749</p>	 <p>Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.</p> <p>----- PCZ-EFB749</p>	 <p>3 way valve with motor for Aquarea Air Smart fan coil – Ducted.</p> <p>----- PCZ-V30361</p>	 <p>2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted.</p> <p>----- PCZ-V20139</p>	 <p>PCB for underfloor heating valve control. Requires PCZ-EEB749 or PCZ-EFB749.</p> <p>----- PCZ-EG1028</p>
<p>Replacement recirculation filter kit</p>	<p>Return plenum</p>	<p>90° shooting plenum</p>	<p>Plenum kit for external air connection with damper for room recirculation</p>	
 <p>For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30.</p> <p>----- PCZ-AHRD0492</p> <p>For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45.</p> <p>----- PCZ-AHRD0493</p> <p>For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60.</p> <p>----- PCZ-AHRD0494</p> <p>For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65.</p> <p>----- PCZ-AHRD0495</p>	 <p>With 2 circular inlets DN 160 mm. For P-FSQ30.</p> <p>----- PCZ-AHRD0466</p> <p>With 3 circular inlets DN 160 mm. For P-FSQ45.</p> <p>----- PCZ-AHRD0467</p> <p>With 4 circular inlets DN 160 mm. For P-FSQ60.</p> <p>----- PCZ-AHRD0468</p> <p>With 5 circular inlets DN 160 mm. For P-FSQ75.</p> <p>----- PCZ-AHRD0469</p>	 <p>For P-FSN25 and P-FSQ30.</p> <p>----- PCZ-AHRD0522</p> <p>For P-FSN35 and P-FSQ45.</p> <p>----- PCZ-AHRD0523</p> <p>For P-FSN45 and P-FSQ60.</p> <p>----- PCZ-AHRD0524</p> <p>For P-FSN55 and P-FSQ75.</p> <p>----- PCZ-AHRD0525</p>	 <p>For P-FSN25 and P-FSQ30.</p> <p>----- PCZ-AHRD0640</p> <p>For P-FSN35 and P-FSQ45.</p> <p>----- PCZ-AHRD0641</p> <p>For P-FSN45 and P-FSQ60.</p> <p>----- PCZ-AHRD0642</p> <p>For P-FSN55 and P-FSQ75.</p> <p>----- PCZ-AHRD0643</p>	
<p>90° plenum for outdoor air kit with damper</p>	<p>Telescopic kit. For plenum for outdoor air kit with damper</p>	<p>Grille for telescopic kit. For plenum for outdoor air kit with damper</p>	<p>Non-return damper</p>	
 <p>For P-FSN25 and P-FSQ30.</p> <p>----- PCZ-AHRD0657</p> <p>For P-FSN35 and P-FSQ45.</p> <p>----- PCZ-AHRD0658</p> <p>For P-FSN45 and P-FSQ60.</p> <p>----- PCZ-AHRD0659</p> <p>For P-FSN55 and P-FSQ75.</p> <p>----- PCZ-AHRD0660</p>	 <p>For P-FSN25 and P-FSQ30.</p> <p>----- PCZ-AHRD0662</p> <p>For P-FSN35 and P-FSQ45.</p> <p>----- PCZ-AHRD0663</p> <p>For P-FSN45 and P-FSQ60.</p> <p>----- PCZ-AHRD0664</p> <p>For P-FSN55 and P-FSQ75.</p> <p>----- PCZ-AHRD0665</p>	 <p>For P-FSN25 and P-FSQ30.</p> <p>----- PCZ-AHRD0667</p> <p>For P-FSN35 and P-FSQ45.</p> <p>----- PCZ-AHRD0668</p> <p>For P-FSN45 and P-FSQ60.</p> <p>----- PCZ-AHRD0669</p> <p>For P-FSN55 and P-FSQ75.</p> <p>----- PCZ-AHRD0670</p>	 <p>Non-return damper. For P-FTQ and P-FSQ.</p> <p>----- PCZ-AHRD0519</p>	

Control – Flex Air Smart fan coils

Flex Air Smart fan coil – Wall-mounted

 <p>CONEX wired remote controller (non-wireless), white.</p> <p>-----</p> <p>CZ-RTC6W</p>	 <p>CONEX wired remote controller with Bluetooth®, white.</p> <p>-----</p> <p>CZ-RTC6WBL</p>	 <p>CONEX wired remote controller with Wi-Fi and Bluetooth®, white.</p> <p>-----</p> <p>CZ-RTC6WBLW2</p>	 <p>CONEX wired remote controller (non-wireless), black.</p> <p>-----</p> <p>CZ-RTC6</p>	 <p>CONEX wired remote controller with Bluetooth®, black.</p> <p>-----</p> <p>CZ-RTC6BL</p>	 <p>CONEX wired remote controller with Wi-Fi and Bluetooth®, black.</p> <p>-----</p> <p>CZ-RTC6BLW2</p>
 <p>Design wired remote controller with Econavi function.</p> <p>-----</p> <p>CZ-RTC5B</p>	 <p>Infrared remote controller.</p> <p>-----</p> <p>CZ-RWS3</p>	 <p>Econavi energy saving sensor.</p> <p>-----</p> <p>CZ-CENSC1</p>	 <p>Wired remote controller for 2-pipe and 4-pipe, EC fan coil (control + Modbus).</p> <p>-----</p> <p>PAW-FC-903EC</p>		
 <p>System controller for 64 indoor units with weekly timer.</p> <p>-----</p> <p>CZ-64ESMC3</p>		 <p>Intelligent controller (touch screen/web server) to control up to 256 indoors with included load distribution ratio (LDR).</p> <p>-----</p> <p>CZ-256ESMC3</p>	 <p>Central ON / OFF controller, up to 16 groups, 64 indoor units.</p> <p>-----</p> <p>CZ-ANC3</p>		

Flex Air Smart fan coil – Medium static pressure duct

 <p>Smart controller. Mini building management system, up to 15 zones and 31 units.</p> <p>-----</p> <p>SRC</p>	 <p>CONEX wired remote controller (non-wireless), white.</p> <p>-----</p> <p>CZ-RTC6W</p>	 <p>CONEX wired remote controller with Bluetooth®, white.</p> <p>-----</p> <p>CZ-RTC6WBL</p>	 <p>CONEX wired remote controller with Wi-Fi and Bluetooth®, white.</p> <p>-----</p> <p>CZ-RTC6WBLW2</p>	 <p>CONEX wired remote controller (non-wireless), black.</p> <p>-----</p> <p>CZ-RTC6</p>	 <p>CONEX wired remote controller with Bluetooth®, black.</p> <p>-----</p> <p>CZ-RTC6BL</p>
 <p>CONEX wired remote controller with Wi-Fi and Bluetooth®, black.</p> <p>-----</p> <p>CZ-RTC6BLW2</p>	 <p>Infrared remote controller and receiver for all indoor units.</p> <p>-----</p> <p>CZ-RWS3 + CZ-RWRC3</p>	 <p>Wired remote controller with touch control for 2-pipe and 4-pipe, EC fan coil (control + Modbus).</p> <p>-----</p> <p>PAW-FC-907EC</p>		 <p>Wired remote controller for 2-pipe and 4-pipe, EC fan coil (control + Modbus).</p> <p>-----</p> <p>PAW-FC-903EC</p>	

Control – Flex Air fan coils

Flex Air fan coils			
 <p>Electro-mechanical controller (supplied loose).</p> <p>-----</p> <p>TRM-FA</p>	 <p>Electronic controller.</p> <p>-----</p> <p>Plogic</p>	 <p>Electronic controller.</p> <p>-----</p> <p>TControl EASY 3S</p>	 <p>Electronic controller.</p> <p>-----</p> <p>TControl POD glass</p>
 <p>Wired remote controller with touch control for 2-pipe and 4-pipe, EC fan coil (control + Modbus).</p> <p>-----</p> <p>PAW-FC-907EC</p> <p>Wired remote controller with touch control for 2-pipe, AC fan coil (control only).</p> <p>-----</p> <p>PAW-FC-907AC</p>	 <p>Wired remote controller for 2-pipe and 4-pipe, EC fan coil (control + Modbus).</p> <p>-----</p> <p>PAW-FC-903EC</p> <p>Wired remote controller for 2-pipe, AC fan coil (control only).</p> <p>-----</p> <p>PAW-FC-903AC</p>	 <p>Advanced wired remote controller for fan coil.</p> <p>-----</p> <p>PAW-FC-RC1</p>	 <p>Smart controller. Mini building management system, up to 15 zones and 31 units.</p> <p>-----</p> <p>SRC</p>
 <p>Plogic remote control with integrated temperature sensor.</p> <p>-----</p> <p>WRC / MRC</p>	 <p>Plogic remote control.</p> <p>-----</p> <p>BRC</p>	 <p>Plogic remote control with integrated temperature sensor.</p> <p>-----</p> <p>IRC</p>	