

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

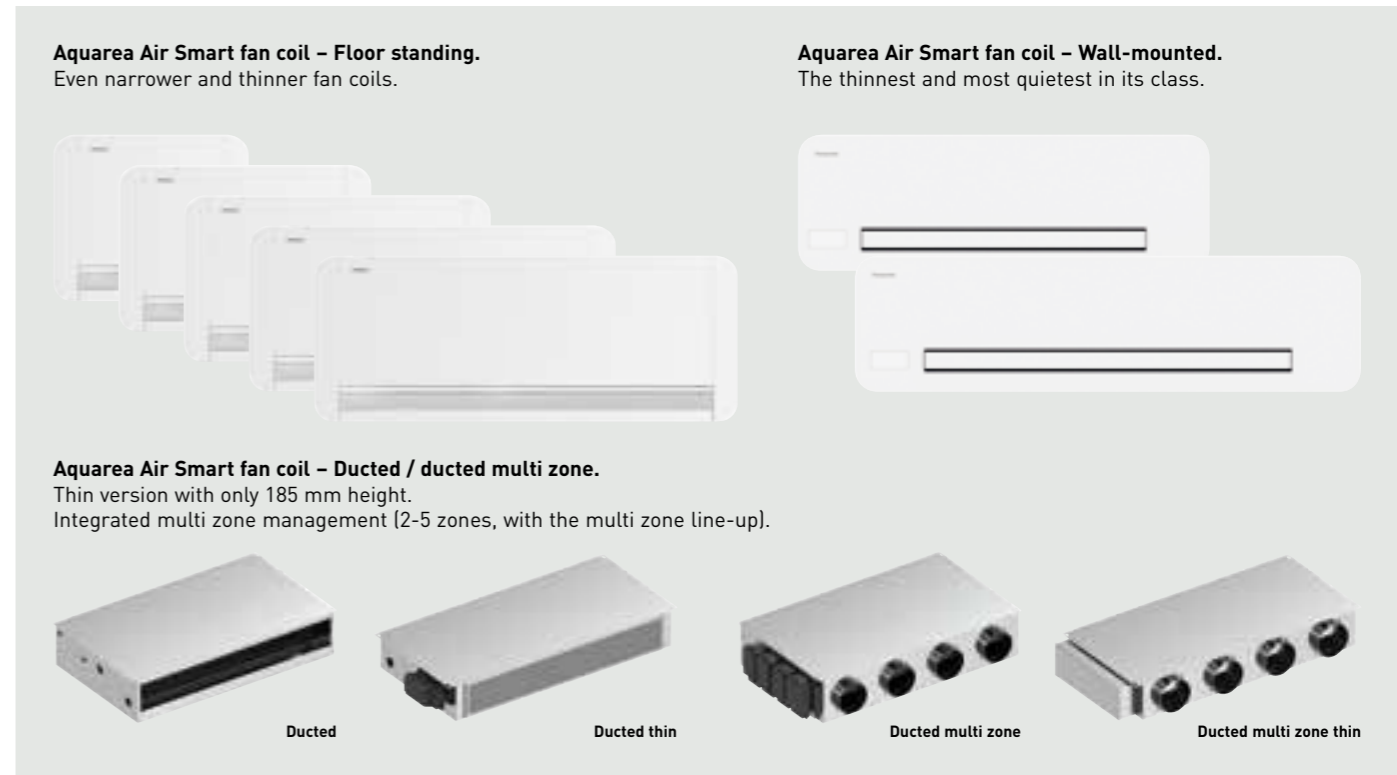
Stylish, compact fan coil units for high comfort and energy savings.



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**



AC SELECT.

Smart and user-friendly selection tool.

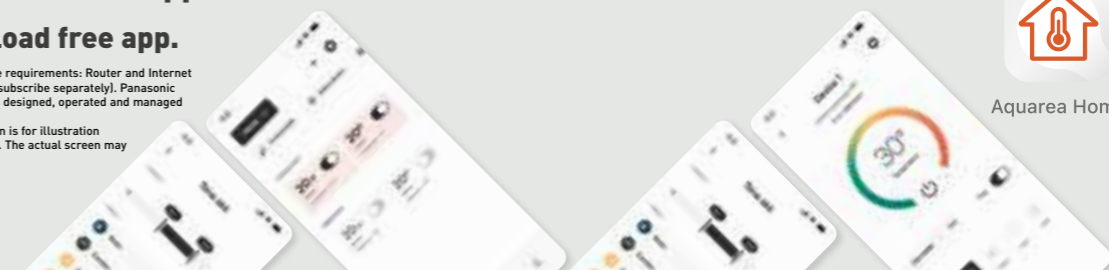
Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



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.

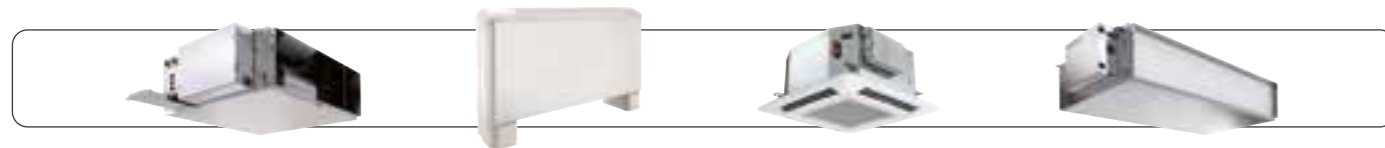


Aquarea Home



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
- Plogic + 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*

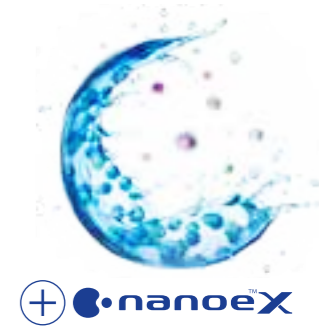
*CONEX control is required.

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 (m³/h)	Pressure (Pa)	Fan	Dimension H x W x D (mm)
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
P. 546	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
Fan coil wall-mounted	10	0,88 0,98	228	—	DC	335 x 815 x 128
P. 547	15	1,08 1,30	331	—	DC	335 x 1015 x 128
	20	1,21 1,49	440	—	DC	335 x 1215 x 128
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
P. 548	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
Fan coil ducted	20	1,37 1,48	390	90	DC	240 x 590 x 695
P. 548	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
Fan coil ducted multi zone thin	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	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
Fan coil ducted multi zone	65	4,15 4,75	1200	100	DC	185 x 1440 x 575
	30	3,80 3,90	810	100	DC	240 x 790 x 695
P. 550	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
Fan coil ducted multi zone thin	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 (m³/h)	Pressure (Pa)	Fan	Dimension H x W x D (mm)
Fan coil wall-mounted	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
P. 552	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
P. 554	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⁾ (m³/h)	Pressure (Pa)	Fan	Dimension ²⁾ H x W x D (mm)
Fan coil comfort	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
Fan coil cassette	20	2,4 2,7	659	—	AC/EC	341 x 595 x 595
P. 560	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
Fan coil wall-mounted	7	1,7 1,7	360	—	AC	275 x 845 x 180
P. 564	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
Fan coil duct	10	1,5 1,8	357	0-70	EC	223 x 633 x 631
P. 566	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 3,4	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
Fan coil high static duct	7	5,6 6,7	1125	0-110	AC/EC	250 x 1200 x 698
P. 568	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	Min / Med / Max	Min / Med / Max	Min / Med / Max	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	HxWxD	mm / kg	579x680x129/17	579x880x129/20	579x1080x129/23	579x1280x129/26
			579x1480x129/29			

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

Accessories and options	
PCZ-LC0158	Set of 2 legs to protect water pipes

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

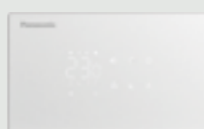
Control options.

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



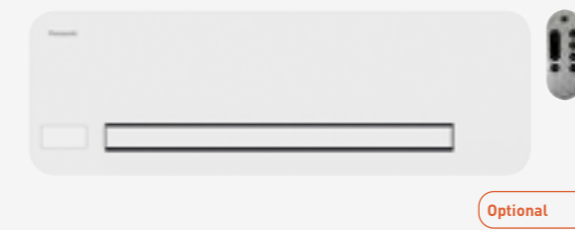
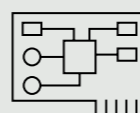
Wall-mounted control with Modbus or integrated Wi-Fi.

PCZ-EEB749 / PCZ-EFB749



PCB for analog control (0-10 V).

PCZ-B10842



Optional

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	Min / Med / Max	Min / Med / Max	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	¾	¾	¾	¾
Dimension and weight					
Dimension / Weight	HxWxD	mm / kg	335x815x128/14	335x1015x128/16	335x1215x128/19
			335x1215x215/24		

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

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

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	PCZ-EEB749
	With integrated Wi-Fi	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-V20687	2 way valve with motor for models 10, 15, 20
PCZ-V20139	2 way valve with motor for model 40

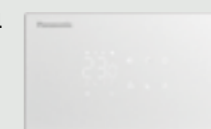
Control options.

On-board display with Modbus.

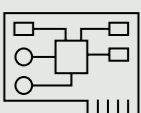


Wall-mounted control with Modbus or integrated Wi-Fi.

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

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

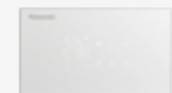
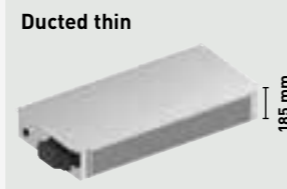
Possible configurations

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

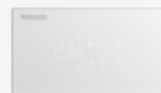
High-efficiency ducted fan coil for high comfort and quiet operation thanks to self modulating air flow control.

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.



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).

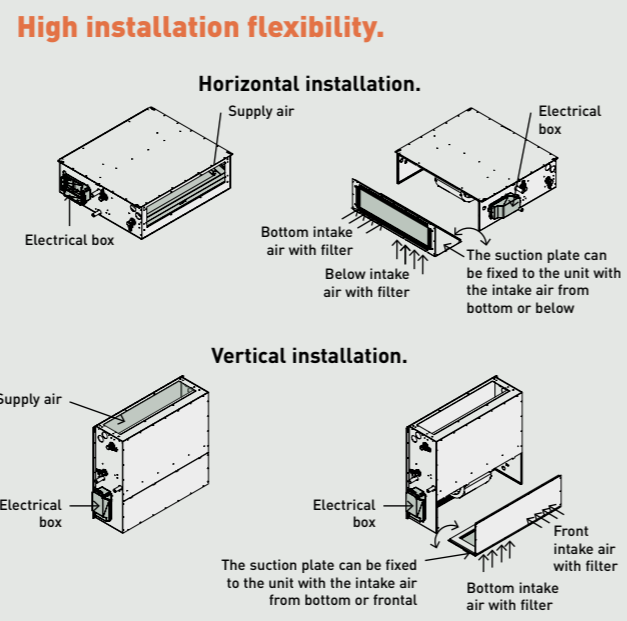
CHECK PAGE 577 FOR A WIDER SELECTION OF ACCESSORIES



Technical performance

Model ¹⁾ (the complete model codes are shown in the table below)	Ducted thin					Ducted						
	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	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		
Hydraulic connections	Inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
Condensate drainage connection	mm	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	1320 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	1370 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	240 x 1440 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		
Left-hand piping	Right-hand piping	
P-FTN15005-RE	P-FTN15R05-RE	
P-FTN20005-RE	P-FTN20R05-RE	
P-FTN25005-RE	P-FTN25R05-RE	
P-FTN35005-RE	P-FTN35R05-RE	
P-FTN45005-RE	P-FTN45R05-RE	
P-FSN20005-RE	P-FSN20R05-RE	
P-FSN25005-RE	P-FSN25R05-RE	
P-FSN35005-RE	P-FSN35R05-RE	
P-FSN45005-RE	P-FSN45R05-RE	
P-FSN55005-RE	P-FSN55R05-RE	
Control (required, to be ordered separately)	With Modbus	PCZ-EEB749
	With integrated Wi-Fi	PCZ-EFB749

Fan coil with PCB for analog control (0-10 V)		
Left-hand piping	Right-hand piping	
P-FTN15005-JE	P-FTN15R05-JE	
P-FTN20005-JE	P-FTN20R05-JE	
P-FTN25005-JE	P-FTN25R05-JE	
P-FTN35005-JE	P-FTN35R05-JE	
P-FTN45005-JE	P-FTN45R05-JE	
P-FSN20005-JE	P-FSN20R05-JE	
P-FSN25005-JE	P-FSN25R05-JE	
P-FSN35005-JE	P-FSN35R05-JE	
P-FSN45005-JE	P-FSN45R05-JE	
P-FSN55005-JE	P-FSN55R05-JE	

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

Valve kits (optional)		
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

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

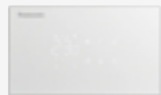
Possible configurations

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

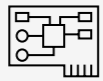
The ducted Smart fan coil unit with integrated multi zone management.



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



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

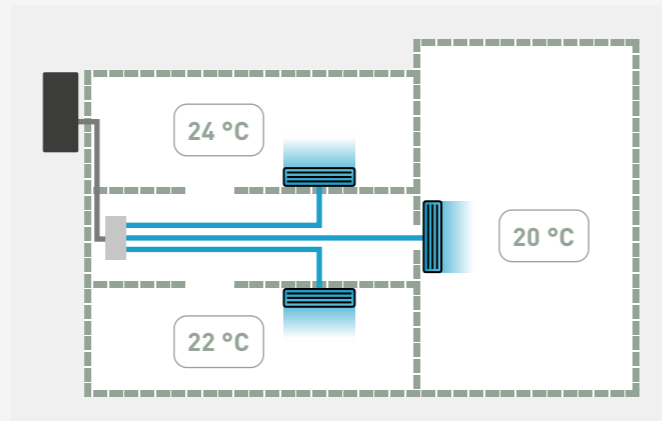
Thanks to integrated multi zone management and the use of forward-bladed centrifugal brushless EC multi-fans, the fan coil ducted multi zone allow independent management of the different thermal zones, resulting in benefits in terms of efficiency, comfort and quietness.



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

Model <small>(the complete model codes are shown in the table below)</small>	Ducted multi zone thin				Ducted multi zone				
	P-FTQ30	P-FTQ45	P-FTQ60	P-FTQ65	P-FSQ30	P-FSQ45	P-FSQ60	P-FSQ75	
Fan speed ¹⁾	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	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 /553	1,2/25,7/36,4 /782	1,0/20,2/28,5 /1008	1,6/37,3/52,6 /1304
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 /636	1,1/28,9/42,3 /914	0,9/23,1/33,7 /1189	1,5/41,4/60,6 /1502
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	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase
Consumption	Frequency	Hz	50	50	50	50	50	50	50
	W		31/66/130	45/102/195	61/135/260	76/162/325	53/140/178	159/420/534	212/560/712
Degree of protection	IP	X0	X0	X0	X0	X0	X0	X0	X0
Connections									
Hydraulic connections type		Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus
Hydraulic connections	Inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
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
Weight	kg		41	45	54	56	43	47	56

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	
Left-hand piping	Right-hand piping
P-FTQ30005-RE	P-FTQ30R05-RE
P-FTQ45005-RE	P-FTQ45R05-RE
P-FTQ60005-RE	P-FTQ60R05-RE
P-FTQ65005-RE	P-FTQ65R05-RE
P-FSQ30005-RE	P-FSQ30R05-RE
P-FSQ45005-RE	P-FSQ45R05-RE
P-FSQ60005-RE	P-FSQ60R05-RE
P-FSQ75005-RE	P-FSQ75R05-RE
Control (required, to be ordered separately)	With Modbus PCZ-EEB749 With integrated Wi-Fi PCZ-EFB749

Fan coil with PCB for analog control (0-10 V)	
Left-hand piping	Right-hand piping
P-FTQ30005-JE	P-FTQ30R05-JE
P-FTQ45005-JE	P-FTQ45R05-JE
P-FTQ60005-JE	P-FTQ60R05-JE
P-FTQ65005-JE	P-FTQ65R05-JE
P-FSQ30005-JE	P-FSQ30R05-JE
P-FSQ45005-JE	P-FSQ45R05-JE
P-FSQ60005-JE	P-FSQ60R05-JE
P-FSQ75005-JE	P-FSQ75R05-JE

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

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

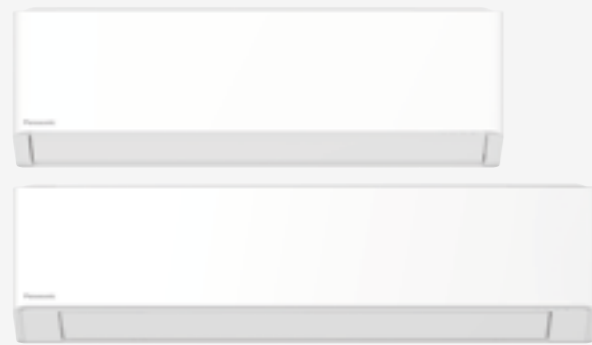
*The Aquarea Air range aligns with the Aquarea commercial policy.

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

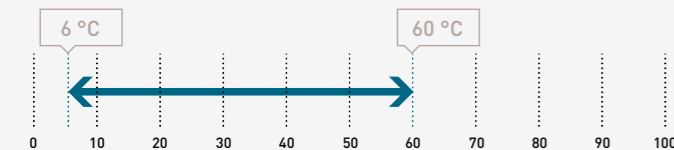


Optional controller. Wired remote controller. PAW-FC-903EC

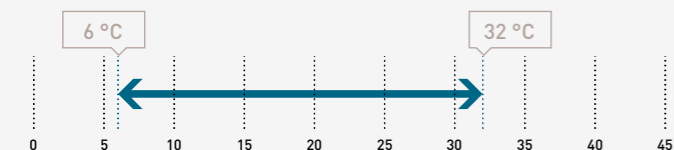
SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

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	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	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	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
	Inch	1/2	1/2	1/2	1/2	1/2	1/2
nanoe X Generator		Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3
Dimension and weight							
Dimension	H x W x D	mm	295 x 890 x 244	295 x 890 x 244	295 x 890 x 244	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	213,0
	FCCOP ⁴⁾	A to E	B	B	B	B	B	B
$\eta_{s,h}$	%	160,0	167,0	170,5	173,4	208,5	198,0	

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

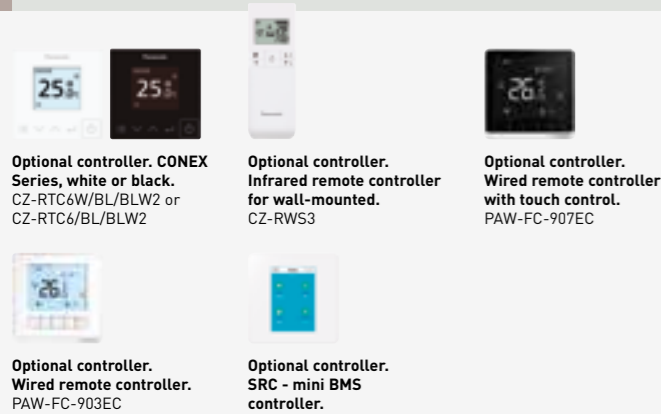
MOTORIZED LOUVERS

COMPACT FOOTPRINT

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.

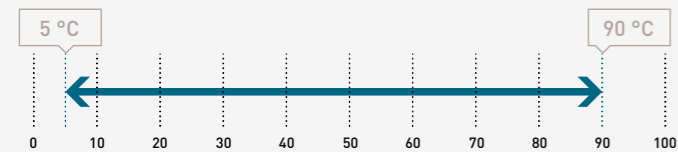
NEW



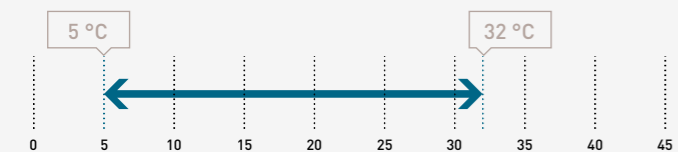
SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



The range at a glance

- Versions: 2-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

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	Max	Max	Max	Max	Max	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	m³/h	590	680	576	980	1230	1180	1500
	4-pipes	m³/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	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	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	FCEER	A to E	A	A	A	A	A	A	A
2-pipes	FCCOP	A to E	A	A	A	A	A	A	A
	FCEER	A to E	A	A	A	A	A	A	A
4-pipes	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

AC SELECT.

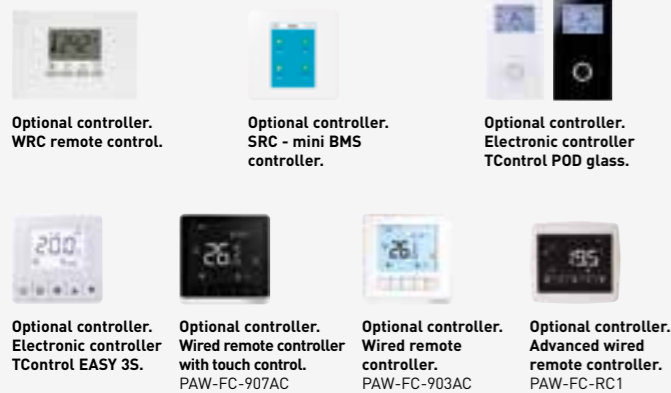
Smart and user-friendly selection tool.

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



Flex Air fan coil – Comfort AC fan

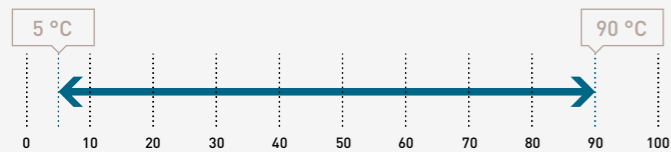
Fan coil floor and ceiling units with cooling and heating.
 Cooling capacity: 0,6 to 6,9 kW.
 Heating capacity: 0,6 to 7,4 kW.



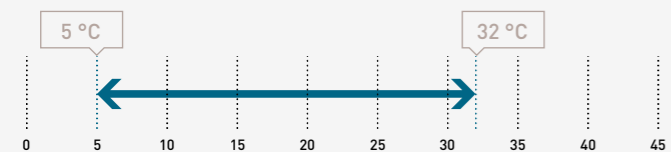
SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

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
- 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

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	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		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 ³⁾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 ³⁾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 ⁴⁾	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	G2	G2	G2	G2	G2	G2
Electrical data									
Power supply	Voltage	V	230	230	230	230	230	230	230
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase
Consumption	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
	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	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
	2 or 4-pipes	Cooling	Inch	1/2	1/2	1/2	1/2	1/2	3/4
4-pipes	Heating	Inch	1/2	1/2	1/2	1/2	1/2	1/2	
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 class ⁷⁾

Flex Air fan coil – Comfort AC fan									
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 a 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.



The range at a glance

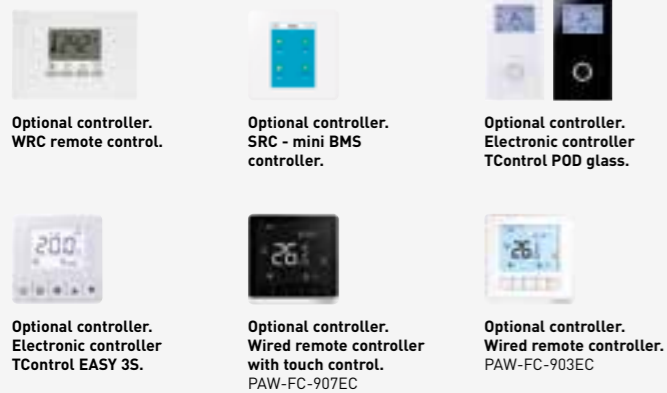
- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 8 sizes
- Low energy consumption EC fan: 100% controllable via a 0-10 V signal or 3 operating speeds
- Air flow from 91 to 1548 m³/h
- Configuration: universal installation units (vertical or horizontal) with or without cabinet
- Left or right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

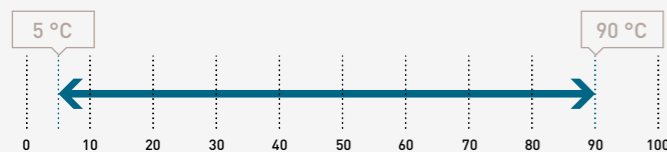
2W or 3W – 2 way or 3 way valves
4-pipes kit (additional coil)
CB – Circuit breakers
PUMP – Drain pump
EH – Electric heaters (from 500 W to 2500 W)
FC/FCG – Feet with/without grid
FH – Fuse holders
G3 filter
DG – Horizontal or vertical drain guard (with valve)
Many air inlet/outlet configurations
C/O – Electromechanical sensor for automatic changeover



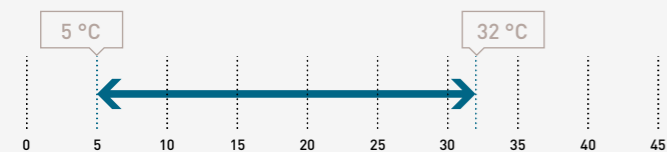
SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

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 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	Min / Med / Max	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	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 ³⁾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	5,74/7,99/11,90	
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 ³⁾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 ⁴⁾	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	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	G2	G2	G2	G2	G2	G2	
Electrical data										
Power supply	Voltage	V	230	230	230	230	230	230	230	
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	
Consumption	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	
	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	
Water connections										
Connection type	Female gas threaded									
	2 or 4-pipes	Cooling	Inch	1/2	1/2	1/2	1/2	1/2	3/4	3/4
4-pipes	Heating	Inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
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	FCEER	A to E	C	D	B	A	A	A	B	B
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

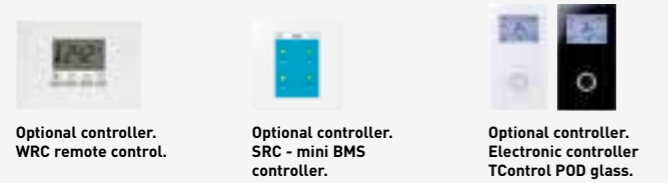
- KIT Plogic – Kit Plogic control board
- KIT BRC – Kit basic remote control (only with Plogic control board)
- KIT WRC – Kit wall-mounted remote control LCD (only with Plogic control board)
- KIT MB2 – Kit Plogic Modbus board
- Other speeds configuration (standard factory set speeds in technical table)
- 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

Flex Air fan coil – Cassette AC fan

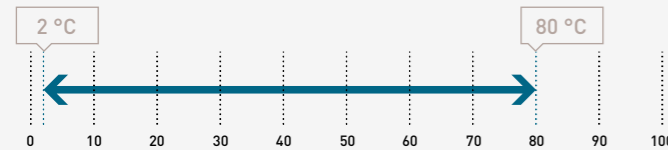
Fan coil cassette units with cooling and heating.
Cooling capacity: 1,3 to 8,6 kW.
Heating capacity: 1,1 to 12,8 kW.



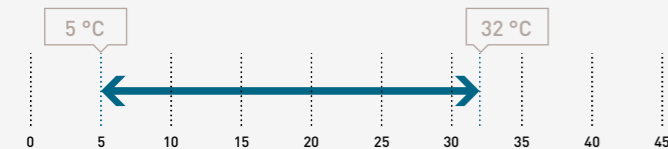
SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

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
- 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.



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



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	Single phase	Single phase	Single 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	
Water connections								
Connection type			Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	
2 or 4-pipes	Cooling	Inch	¾	¾	¾	1	1	
	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	
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	
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	
Weight	kg		14,8	16,5	16,5	37,1	37,1	

Energy efficiency class ⁶⁾

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



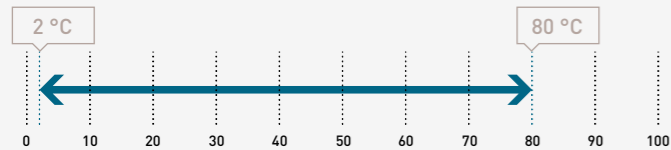
Optional controller. Wired remote controller. PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

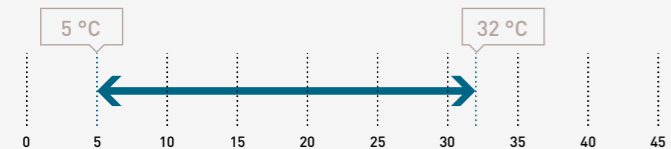


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



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
- 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



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	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	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	
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	
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	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	Female gas threaded	Female gas threaded	Female gas threaded	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	
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	
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	
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	A to E	B	A	B	A	A	A	A
	FCCOP	A to E	B	B	B	A	A	A	A
4-pipes	FCEER	A to E	B	A	B	—	A	B	B
	FCCOP	A to E	C	A	B	—	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) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A). 6) According to Eurovent. *Drain pump and G1 air 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
- TCPD WHITE (BLACK) 2P/4P - Kit controller, Modbus, HMI-integrated, 2-pipe, 4-pipe, EC fan speed, white (black)
- TCPD 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.



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



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



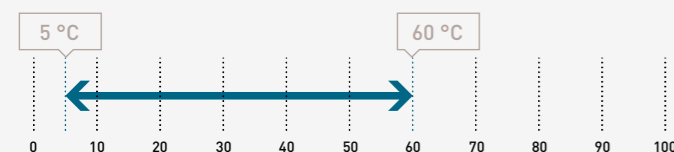
Optional controller.
Advanced wired remote controller.
PAW-FC-RC1

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

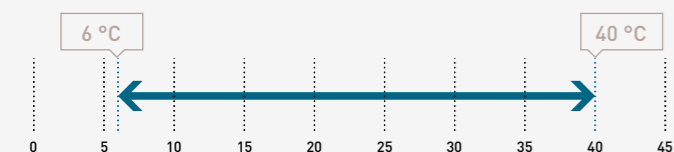


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



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	Min / Med / Max	Min / Med / Max	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	1/2	1/2	1/2	1/2
Dimension and weight					
Dimension	HxWxD	mm	275x845x180	275x845x180	298x940x200
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	1/2		1/2	
Dimension and weight					
Dimension	HxWxD	mm	275x845x180	298x940x200	
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).

AC SELECT.

Smart and user-friendly selection tool.

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



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. TControl POD glass.



Optional controller. TControl EASY 3S.



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



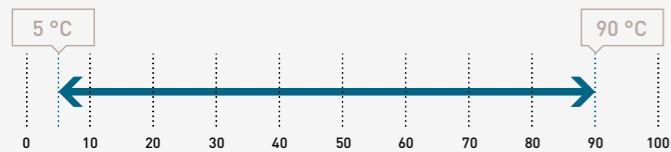
Optional controller. Wired remote controller. PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

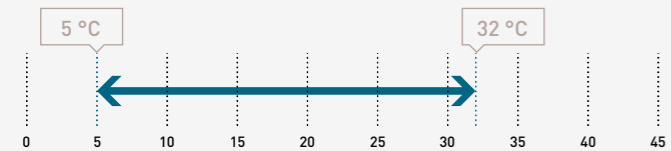


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



AC SELECT.

Smart and user-friendly selection tool.

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

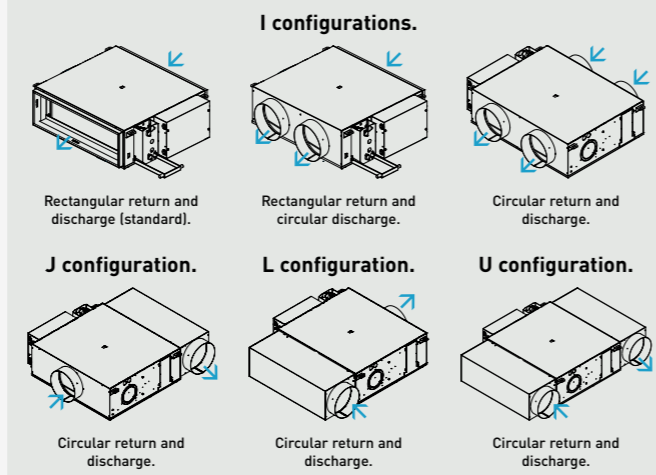
The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 6 sizes
- 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 aerodynamic 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.



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



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		Min / Med / Max		Min / Med / Max		Min / Med / Max		Min / Med / Max		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 ⁶⁾	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	Single phase	Single phase	Single phase	Single phase	Single phase						
Consumption	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60						
	2-pipes	W	7/19/35	11/29/56	19/50/70	25/41/64	9/65/163	10/62/197						
Electric heater	4-pipes	W	7/20/36	11/28/53	20/47/76	26/41/69	8/60/166	10/60/188						
		W	500	600/1000	600/1000	1000/2000	1000/2000	1250/2500						
Water connections														
Connection type			Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded						
	2 or 4-pipes	Cooling	Inch	1/2	1/2	1/2	1/2	1/2	3/4					
4-pipes	Heating	Inch	1/2	1/2	1/2	1/2	1/2	1/2						
Dimension and weight														
Dimension without drain pan	HxWxD	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 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		FCEER		A to E		C		B		B		A	
2-pipes	FCEER	A	A to E	C	B	B	B	A					
	FCCOP	A	A to E	C	A	B	A	B	A				
4-pipes	FCEER	A	A to E	C	B	B	B	A					
	FCCOP	A	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

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



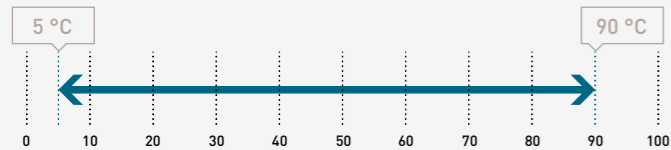
Optional controller. Advanced wired remote controller. PAW-FC-RC1

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

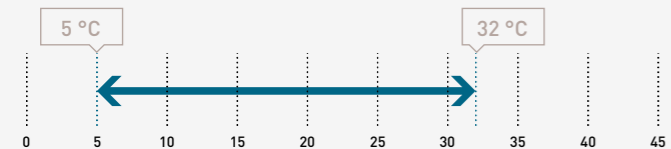


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



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 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 – 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	
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	
Consumption	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	
	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	
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	
4-pipes	Cooling	Inch	½	1	1	1 ¼	1 ¼	
	Heating	Inch	½	¾	¾	¾	¾	
Dimension and weight								
Dimension	HxWxD	mm	250x1200x698	375x1380x798	375x1380x798	375x1380x798	450x1500x798	450x1500x798
Weight		kg	42	63	65	67	76	80

Energy efficiency class ⁷⁾

Flex Air fan coil – High static duct AC fan	FCEER	A to E	D	D	D	D	D	D
2-pipes	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 1 configuration with rectangular return and discharge.

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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



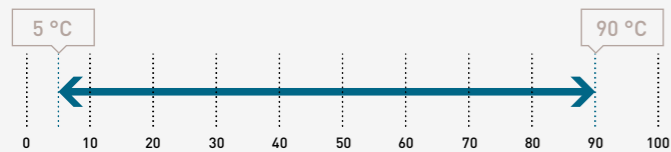
Optional controller. Wired remote controller. PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

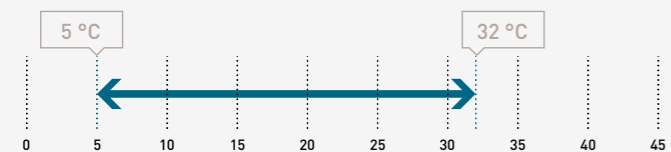


Operating limits

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

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	1
Filter		G3	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							
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	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	3000
Water connections							
Connection type		Female gas threaded	Male 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	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	HxWxD mm	250x1200x698	375x1380x798	375x1380x798	375x1380x798	450x1500x798	450x1500x798
Weight	kg	42	63	65	67	76	80

Energy efficiency class ⁷⁾

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

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 a 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.

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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

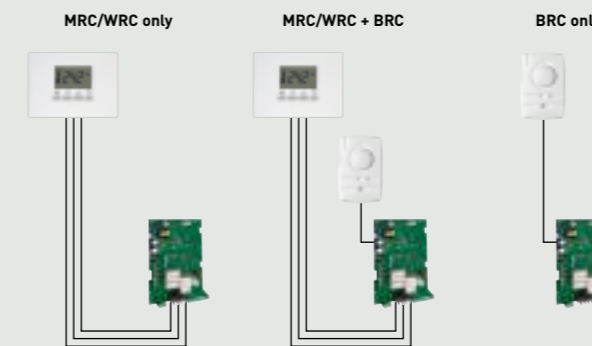
These controllers allow the control of more than one fan coil unit per controller but maintaining the same fan and temperature settings (a slight temperature variation is possible within the same zone). Plogic is the Panasonic group controller that allows you to control multiple units with a single control.

3 Centralized and group controller

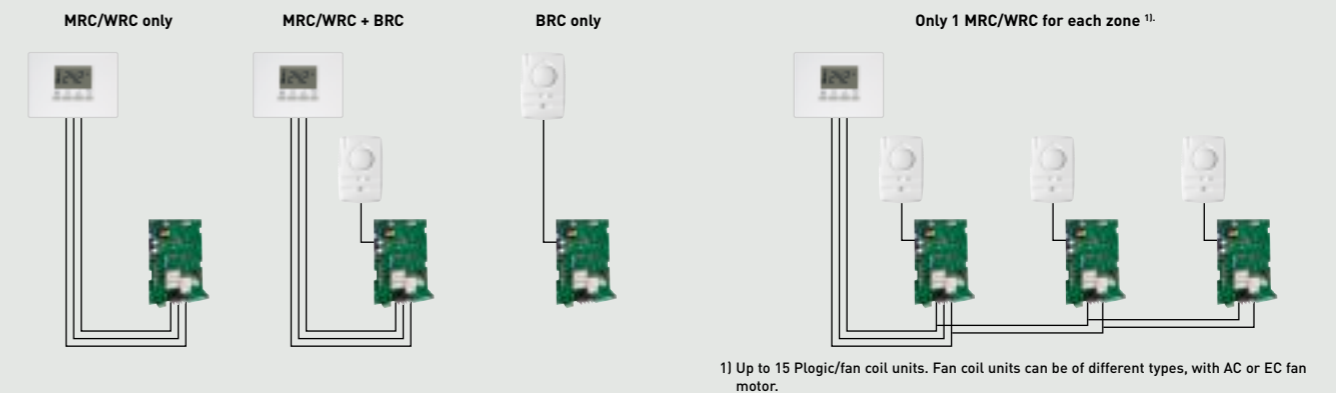
Due to the advanced technical capability, it is possible to control different climatic zones with different settings and ambient conditions. The combination of Plogic + BMS and SRC are the perfect example for this type of control.

Plogic (zone controller) with remote control.

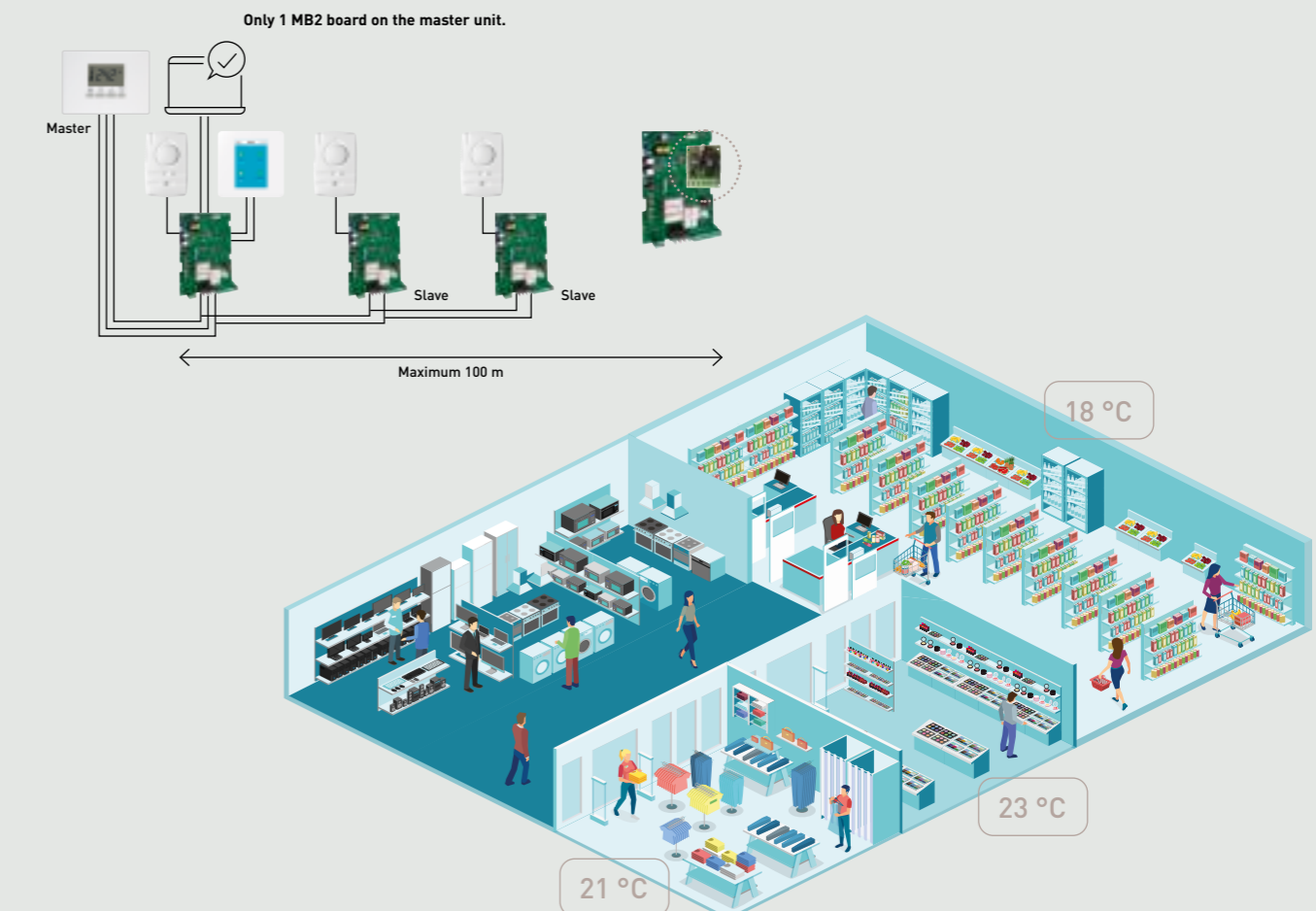
1| Plogic. Different individual control possibilities.



2| Plogic. Group control (without BMS).



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-CENSC1 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-5B	500	25
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



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





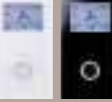






P-Smart Nexus*
An online multi-site control solution that provides remote, centralised supervision of all your locations worldwide.



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

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	✓	
	2-pipes cooling + electric heater (<2000 W)	✓	X	✓	X	X	✓	
	2-pipes heat pump + electric heater (<2000 W)	✓	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	
	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⁾	Continuous ³⁾ or cyclic ²⁾	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, FD and FH	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					
Wall-mounted control with Modbus for Aquarea Air Smart fan coils. ----- PCZ-EEB749	Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils. ----- PCZ-EFB749	Wall-mounted control PCB for Aquarea Air Smart fan coil – Floor standing. ----- PCZ-ESE845	On-board display with Modbus for Aquarea Air Smart fan coil – Floor standing. ----- PCZ-ECA844	On-board display with integrated Wi-Fi for Aquarea Air Smart fan coil – Floor standing. ----- PCZ-EWA844	PCB for analog control (0-10V) for Aquarea Air Smart fan coil – Floor standing. ----- PCZ-B10842

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

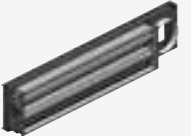

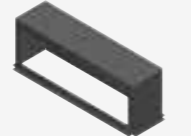
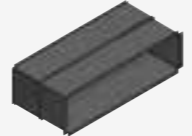

Installation accessories					
Condensate drip tray for horizontal installation. For P-FAL10. ----- PCZ-GB0520	Condensate drip tray for horizontal installation. For P-FAL20. ----- PCZ-GB0521	Condensate drip tray for horizontal installation. For P-FAL30. ----- PCZ-GB0522	Condensate drip tray for horizontal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

Aquarea Air Smart fan coil wall-mounted accessories


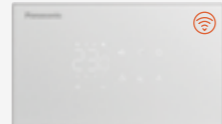
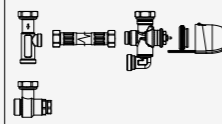
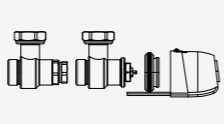
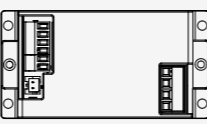
Control accessories		Hydraulic accessories			
Wall-mounted control with Modbus for Aquarea Air Smart fan coils. ----- PCZ-EEB749	Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils. ----- PCZ-EFB749	3 way valve with motor for Aquarea Air wall-mounted 10, 15 and 20. ----- PCZ-V30688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




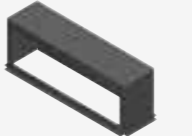
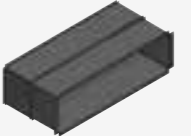

Aquarea Air Smart fan coil – Ducted thin accessories

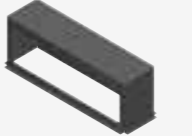
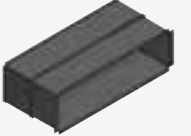
Control accessories			Hydraulic accessories		
Wall-mounted control with Modbus for Aquarea Air Smart fan coils. ----- PCZ-EEB749	Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils. ----- PCZ-EFB749	3 way valve with motor for Aquarea Air Smart fan coil – Ducted. ----- PCZ-V30361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

<p>Plenum kit for external air connection with damper for room recirculation</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>Ducting plate plenum kit for outdoor air connection with damper</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>90° plenum for outdoor air kit with damper</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>Telescopic kit. For plenum for outdoor air kit with damper</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>Grille for telescopic kit. For plenum for outdoor air kit with damper</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>
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Aquarea Air Smart fan coil – Ducted accessories

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

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

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









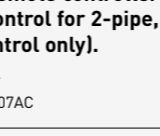
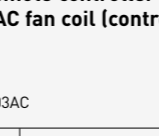



Aquarea Air Smart fan coil – Ducted multi zone accessories

Control accessories		Hydraulic accessories			
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Replacement recirculation filter kit	Return plenum	90° shooting plenum	Plenum kit for external air connection with damper for room recirculation		
For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30. PCZ-AHRD0492	With 2 circular inlets DN 160 mm. For P-FSQ30. PCZ-AHRD0466	For P-FSN25 and P-FSQ30. PCZ-AHRD0522	For P-FSN25 and P-FSQ30. PCZ-AHRD0640		
For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45. PCZ-AHRD0493	With 3 circular inlets DN 160 mm. For P-FSQ45. PCZ-AHRD0467	For P-FSN35 and P-FSQ45. PCZ-AHRD0523	For P-FSN35 and P-FSQ45. PCZ-AHRD0641		
For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60. PCZ-AHRD0494	With 4 circular inlets DN 160 mm. For P-FSQ60. PCZ-AHRD0468	For P-FSN45 and P-FSQ60. PCZ-AHRD0524	For P-FSN45 and P-FSQ60. PCZ-AHRD0642		
For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65. PCZ-AHRD0495	With 5 circular inlets DN 160 mm. For P-FSQ75. PCZ-AHRD0469	For P-FSN55 and P-FSQ75. PCZ-AHRD0525	For P-FSN55 and P-FSQ75. PCZ-AHRD0643		
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		
For P-FSN25 and P-FSQ30. PCZ-AHRD0657	For P-FSN25 and P-FSQ30. PCZ-AHRD0662	For P-FSN25 and P-FSQ30. PCZ-AHRD0667	Non-return damper. For P-FTQ and P-FSQ. PCZ-AHRD0519		
For P-FSN35 and P-FSQ45. PCZ-AHRD0658	For P-FSN35 and P-FSQ45. PCZ-AHRD0663	For P-FSN35 and P-FSQ45. PCZ-AHRD0668			
For P-FSN45 and P-FSQ60. PCZ-AHRD0659	For P-FSN45 and P-FSQ60. PCZ-AHRD0664	For P-FSN45 and P-FSQ60. PCZ-AHRD0669			
For P-FSN55 and P-FSQ75. PCZ-AHRD0660	For P-FSN55 and P-FSQ75. PCZ-AHRD0665	For P-FSN55 and P-FSQ75. PCZ-AHRD0670			

Control – Flex Air Smart fan coils

Flex Air Smart fan coil – Wall-mounted					
 CONEX wired remote controller (non-wireless), white. ----- CZ-RTC6W	 CONEX wired remote controller with Bluetooth®, white. ----- CZ-RTC6WBL	 CONEX wired remote controller with Wi-Fi and Bluetooth®, white. ----- CZ-RTC6WBLW2	 CONEX wired remote controller (non-wireless), black. ----- CZ-RTC6	 CONEX wired remote controller with Bluetooth®, black. ----- CZ-RTC6BL	 CONEX wired remote controller with Wi-Fi and Bluetooth®, black. ----- CZ-RTC6BLW2
 Design wired remote controller with Econavi function. ----- CZ-RTC5B		 Infrared remote controller. ----- CZ-RWS3		 Econavi energy saving sensor. ----- CZ-CENSC1	
 System controller for 64 indoor units with weekly timer. ----- CZ-64ESMC3			 Intelligent controller (touch screen/web server) to control up to 256 indoors with included load distribution ratio (LDR). ----- CZ-256ESMC3		 Central ON / OFF controller, up to 16 groups, 64 indoor units. ----- CZ-ANC3
Flex Air Smart fan coil – Medium static pressure duct					
 Smart controller. Mini building management system, up to 15 zones and 31 units. ----- SRC	 CONEX wired remote controller (non-wireless), white. ----- CZ-RTC6W	 CONEX wired remote controller with Bluetooth®, white. ----- CZ-RTC6WBL	 CONEX wired remote controller with Wi-Fi and Bluetooth®, white. ----- CZ-RTC6WBLW2	 CONEX wired remote controller (non-wireless), black. ----- CZ-RTC6	 CONEX wired remote controller with Bluetooth®, black. ----- CZ-RTC6BL
 CONEX wired remote controller with Wi-Fi and Bluetooth®, black. ----- CZ-RTC6BLW2	 Infrared remote controller and receiver for all indoor units. ----- CZ-RWS3 + CZ-RWRC3		 Wired remote controller with touch control for 2-pipe and 4-pipe, EC fan coil (control + Modbus). ----- PAW-FC-907EC	 Wired remote controller for 2-pipe and 4-pipe, EC fan coil (control + Modbus). ----- PAW-FC-903EC	

Control – Flex Air fan coils

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