

Fan coils units

+ MORE FAN COIL OPTIONS IN CHILLERS SECTION

A large range of fan coil units dedicated to energy savings, comfort, flexibility and quality.



Energy savings and comfort

Low consumption solutions.

- High efficiency fan motor
- High level of energy performance

Silence.

- Optimised fan speed staging
- Reinforced acoustic insulation
- Profiled air diffusers

Flexibility and quality

Many factory-mounted options.

- Control
- Valve
- Air diffusion
- Condensate drain pump ...

Products fully customisable to satisfy your requirements.

- Choice of service side for hydraulic and electrical connections
- Version with or without cabinet ...

Controllers with sophisticated designs, provide a user friendly interface while enabling an easy and low cost integration to building management systems.

Optional wired remote controller for AC fan, 2-pipe and 4-pipe application.



PAW-FC-RC1

Optional wired remote controller for AC fan 2-pipe application.



PAW-FC-903AC



PAW-FC-907AC

Optional wired remote controller for EC fan, 2-pipe and 4-pipe application.



PAW-FC-903EC

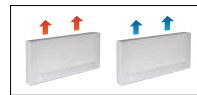


PAW-FC-907EC

Smart fan coils



Built-in advanced thermostat.



		PAW-AAIR-200-2	PAW-AAIR-700-2	PAW-AAIR-900-2	PAW-AAIR-1100-2
Total cooling capacity	Lo/Med/Hi kW	0,3/0,5/0,6	0,6/0,9/1,5	0,8/1,6/2,1	0,9/1,8/2,5
Sensible capacity	Lo/Med/Hi kW	0,2/0,4/0,6	0,5/0,9/1,3	0,7/1,3/1,9	0,9/1,6/2,3
Water flow	Lo/Med/Hi kg/h	51,1/89,4/106,3	96,0/155,2/251,1	140,8/267,2/365,7	158,1/300,3/423,6
Water pressure drop	Lo/Med/Hi kPa	3,3/5,7/6,1	1,1/2,1/4,2	1,5/5,8/10,3	1,3/5,0/10,6
Inlet water temperature	°C	10	10	10	10
Outlet water temperature	°C	15	15	15	15
Inlet air temperature	°C	27	27	27	27
Outlet air temperature	Lo/Med/Hi °C	12,8/13,2/14,9	14,6/14,8/14,0	15,8/14,6/14,4	18,1/15,2/14,7
Relative humidity of inlet air	%	47	47	47	47
Total heating capacity	Lo/Med/Hi kW	0,2/0,4/0,5	0,4/0,8/1,2	0,6/1,2/1,6	0,8/1,4/2,1
Water flow	Lo/Med/Hi kg/h	38,4/70,5/92,8	72,7/139,2/201,6	114,0/204,2/284,5	138,3/243,2/356,7
Water pressure drop	Lo/Med/Hi kPa	1,0/2,3/3,0	0,5/1,5/3,1	1,0/3,3/6,6	1,1/3,1/7,3
Inlet water temperature	°C	35	35	35	35
Outlet water temperature	°C	30	30	30	30
Inlet air temperature	°C	19	19	19	19
Outlet air temperature	Lo/Med/Hi °C	33,5/33,3/30,9	30,1/31,4/31,8	30,1/31,1/31,2	26,6/29,5/30,5
Air flow	Lo/Med/Hi m ³ /min	0,9/1,9/2,7	2,6/4,2/5,3	4,1/6,1/7,7	6,2/7,6/9,6
Maximum input power	Lo/Med/Hi 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
Sound pressure	Lo/Med/Hi dB(A)	24/33/39	25/34/40	25/34/42	26/35/43
Dimension (H x W x D)	mm	579 x 735 x 129	579 x 935 x 129	579 x 1135 x 129	579 x 1335 x 129
Net weight	kg	17	20	23	26
3 Ways valve included		Yes	Yes	Yes	Yes
Touch screen thermostat		Yes	Yes	Yes	Yes

* Smart fan coils is produced by Innova.

Accessories

PAW-AAIR-LEGS-1 Set of 2 legs to protect water pipes

Accessories

PAW-AAIR-RHCABLE Motor connection cable for units with right hand hydraulic connections

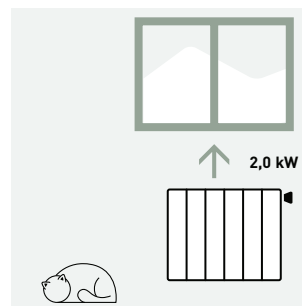
Stylish floor-standing fan coils with advanced controller

The slimline of Smart fan coils delivers high efficiency climate control.

With a depth of just under 130 mm they are at the cutting edge of the market. Blending easily into the home, Smart fan coil's elegant design and product refinements are clear to see in every detail.

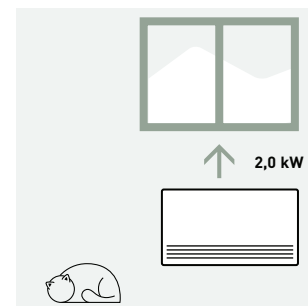
Exceptional ventilation efficiency means the motor uses considerably less energy (low wattage). The fan speed is continuously modulated by the temperature controller with proportional integral logic, with undoubted advantages for regulating the temperature and humidity in summer mode.

With standard cast radiators.



Water at 65 °C needed.

With Smart fan coil.



Water at 35 °C needed.

Technical focus

- 4 operation modes (auto, silent, night-time and maximum ventilation speed)
- Exclusive design
- Extremely compact (only 129 mm deep)
- Cooling and dehumidification functions possible (drain is needed)
- 3 way valve included (no overflow valve needed on the installation if more than 3 units installed)
- Touch screen thermostat

All temperature curves and capacity are available on www.panasonicproclub.com

PRO Club



Fan coil comfort AC fan

Fan coil floor and ceiling units with cooling and heating.

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

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



Optional controller. WRC remote control.



Optional controller. SRC - mini BMS controller.



Optional controller. Electronic controller TControl POD glass.



Optional controller. Electronic controller TControl EASY 3S.



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



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

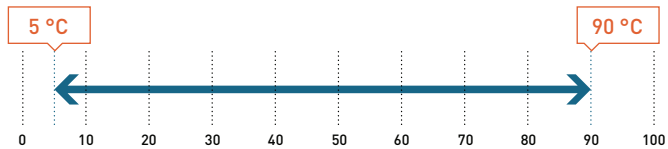


Optional controller. Advanced wired remote controller. PAW-FC-RC1

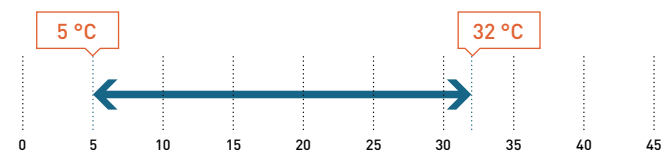
+ SEE PAGE 516 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

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
- 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

- 2 way or 3 way valves
- 4-pipes kit (additional coil)
- Circuit breakers
- Drain pump
- Electric heaters (from 500 W to 2500 W)
- Feet with/without grid
- Fuse holders
- G3 filter
- Horizontal or vertical drain guard (with valve)
- Many air inlet/outlet configurations
- Mechanical sensor for automatic change over
- Modbus communication board for Plogic
- MRC/WRC/BRC: remote controls for Plogic
- Other speeds configuration (standard factory set speeds: S1,S3,S5)
- SRC - mini BMS controller
- Suspension kit
- Plogic controller (other electromechanical or electronic control systems also available)
- TControl EASY 3S and TControl POD glass controllers (other electromechanical or electronic control systems also available)

AC SELECT.

Smart and user-friendly the new air conditioning selection program: <https://acselect.panasonic.eu/>



Technical features

Fan coil comfort AC fan			P-FC10	P-FC20	P-FC30	P-FC40	P-FC50	P-FC60	P-FC70
			S1/S3/S5 ¹⁾	S1/S3/S5 ¹⁾	S1/S3/S5 ¹⁾	S1/S3/S5 ¹⁾	S1/S3/S5 ¹⁾	S1/S3/S5 ¹⁾	S1/S3/S5 ¹⁾
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	5,0/15,6/25,6	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	30/44/51	34/43/56	38/51/58	43/56/61
	4-pipes	dB(A)	33/40/49	31/43/50	30/45/52	30/44/51	34/46/56	38/51/58	43/56/61
Sound pressure ⁶⁾	2-pipes	dB(A)	24/31/40	22/34/41	21/36/43	21/35/42	25/37/47	29/42/49	34/47/52
	4-pipes	dB(A)	24/31/40	22/34/41	21/36/43	21/35/42	25/37/47	29/42/49	34/47/52
NR ⁶⁾	2-pipes		19/26/35	17/29/36	16/31/38	16/30/37	20/32/42	24/37/44	29/42/47
	4-pipes		19/26/35	17/29/36	16/31/38	16/30/37	20/32/42	24/37/44	29/42/47
Ventilation									
Number of fans			1	1	1	2	2	2	2
Air flow	2-pipes	m ³ /h	94/190/283	68/104/196	138/274/390	173/357/499	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
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Consumption	2-pipes	W	13/24/36	13/18/31	16/37/45	15/37/56	28/55/72	37/75/105	53/100/147
	4-pipes	W	13/24/36	11/18/28	16/37/44	15/37/55	28/54/70	37/74/104	53/99/145
Electric heater	W		500	500	500/1000	1250	1250/2500	1250/2500	1250/2500
Water connections									
Connection type			Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded
2 or 4-pipes	Cooling	Inch	½	½	½	½	½	½	¾
4-pipes	Heating	Inch	½	½	½	½	½	½	½
Dimension									
With cabinet - without feet	LxWxH	mm	766x225x477	766x225x477	951x225x477	1136x225x477	1321x225x477	1506x225x477	1319x225x575
Without cabinet	LxWxH	mm	570x220x430	570x220x430	753x220x430	938x220x430	1122x220x430	1307x220x430	1121x220x530
Weight									
With cabinet	2-pipes	kg	19	19	22	27	30	35	35
	4-pipes	kg	20	20	23	29	32	37	37
Without cabinet	2-pipes	kg	13	13	15	20	22	26	27
	4-pipes	kg	14	14	16	22	24	28	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) 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).



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

Fan coil comfort EC fan

Fan coil floor and ceiling units with cooling and heating.

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

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



Optional controller. WRC remote control.



Optional controller. SRC - mini BMS controller.



Optional controller. Electronic controller TControl POD glass.



Optional controller. Electronic controller TControl EASY 3S.



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

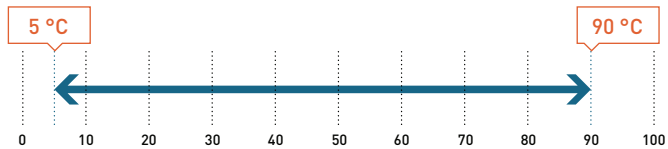


Optional controller. Wired remote controller. PAW-FC-903EC

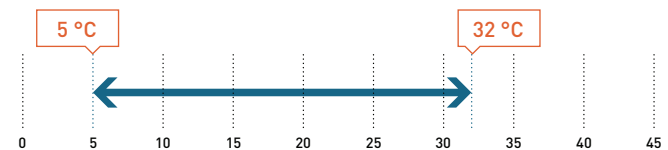
+ SEE PAGE 516 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



The range at a glance

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

Advantages

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

Accessories and options

- 2 way or 3 way valves
- 4-pipes kit (additional coil)
- Circuit breakers
- Drain pump
- Ecospeed card for EC fans
- Electric heaters (from 500 W to 2500 W)
- Feet with/without grid
- Fuse holders
- G3 filter
- Horizontal or vertical drain guard (with valve)
- Many air inlet/outlet configurations
- Electromechanical sensor for automatic change over
- Modbus communication board for Plologic
- MRC/WRC/BRC: remote controls for Plologic
- Other speeds configuration (standard factory set speeds in technical features table)
- SRC - mini BMS controller
- Suspension kit
- Plologic controller (other electromechanical or electronic control systems also available)
- TControl EASY 3S and TControl POD glass controllers (other electromechanical or electronic control systems also available)

AC SELECT.

Smart and user-friendly the new air conditioning selection program: <https://acselect.panasonic.eu/>



Technical features

Fan coil comfort EC fan		P-FC10		P-FC20		P-FC30		P-FC40		P-FC50		P-FC60		P-FC70		P-FC80		
		2V/5V/10V ¹⁾		2V/5V/10V ¹⁾		2V/6V/10V ¹⁾		2V/5V/10V ¹⁾		2V/7V/10V ¹⁾		2V/7V/10V ¹⁾		4V/8V/10V ¹⁾		3V/4,1V/6,4V ¹⁾		
2-pipes																		
Total cooling capacity ²⁾	kW	0,59/1,16/1,96	0,61/1,31/2,12	0,67/1,41/1,83	1,34/2,93/4,19	1,34/3,57/4,98	1,98/4,45/5,24	2,55/5,56/6,55	4,59/6,13/8,36									
Sensible capacity ²⁾	kW	0,48/1,00/1,76	0,47/1,06/1,72	0,47/1,04/1,34	0,95/2,10/3,00	1,05/2,70/3,70	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	11,8/19,5/34,2									
Heating capacity ⁴⁾	kW	0,67/1,30/2,31	0,68/1,53/2,52	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	4,63/6,39/9,28									
Water flow ⁴⁾	l/h	115/224/398	117/264/434	138/296/458	191/427/768	238/670/894	336/849/1002	525/1001/1235	798/1101/1598									
Water pressure drop ²⁾⁴⁾	kPa	6,5/20,6/59,1	1,7/5,5/12,4	4,1/14,2/30,4	4,8/18,1/51,9	3,8/25,7/44,6	12,2/70,7/97,5	3,9/13,8/20,9	11,9/21,0/41,5									
4-pipes																		
Total cooling capacity ²⁾	kW	0,51/1,02/1,80	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	0,41/0,87/1,60	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	87,8/176/310	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	5,2/18,3/53,4	1,3/3,8/9,7	4,0/13,7/28,0	9,3/27,8/58,9	2,3/16,2/25,6	4,6/22,0/31,4	3,2/12,3/18,8	18,8/30,6/67,2									
Heating capacity ⁵⁾	kW	0,61/1,13/1,87	0,79/1,33/2,09	1,41/2,01/2,77	1,57/2,49/3,62	2,18/3,34/4,10	1,81/4,05/4,81	3,45/4,67/5,53	5,74/7,99/12,90									
Water flow ⁵⁾	l/h	52,5/97,3/161	68/115/180	121/173/239	135/214/312	188/288/353	156/349/414	297/402/476	494/688/1111									
Water pressure drop ²⁾⁵⁾	kPa	1,1/2,4/4,8	<1/2,0/4,8	7,9/12,3/18,6	10,9/22,2/41,1	6,5/13,6/19,6	16,1/45,3/57,5	32,2/53,9/72,4	19,2/34,5/83,1									
Sound levels																		
Sound power	2-pipes	dB(A)	34/47/60	34/47/60	31/50/59	29/44/52	30/51/57	32/54/58	40/54/59	51/56/64								
	4-pipes	dB(A)	34/47/60	34/47/60	31/50/59	29/44/56	30/51/57	32/54/58	40/54/59	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)	25/38/51	25/38/51	22/41/50	20/35/43	21/42/48	23/45/49	31/45/50	42/47/55								
NR ⁶⁾	2-pipes		20/33/46	20/33/46	17/36/45	15/30/38	16/37/43	18/40/44	26/40/45	37/42/50								
	4-pipes		20/33/46	20/33/46	17/36/45	15/30/38	16/37/43	18/40/44	26/40/45	37/42/50								
Ventilation																		
Number of fans			1	1	1	2	2	2	2	3								
Air flow	2-pipes	m ³ /h	108/228/417	98/234/413	119/257/345	170/412/678	203/577/816	245/737/912	350/850/1050	685/927/1398								
	4-pipes	m ³ /h	91/199/379	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	G2								
Electrical data																		
Voltage		V	230	230	230	230	230	230	230	230								
Power supply	Phase		Single phase	Single 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	50/60	50/60								
Consumption	2-pipes	W	7/12/41	7/13/41	6/16/42	2/13/43	4/23/46	4/30/54	11/44/77	23/42/108								
	4-pipes	W	7/12/39	7/13/40	6/14/40	2/11/39	4/23/44	4/28/52	11/43/75	22/41/116								
Electric heater		W	500	500	500/1000	1250	1250/2500	1250/2500	1250/2500	1250/2500								
Water connections																		
Connection type			Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded	Gas female threaded								
2 or 4-pipes	Cooling	Inch	½	½	½	½	½	½	½	¾								
4-pipes	Heating	Inch	½	½	½	½	½	½	½	½								
Dimension																		
With cabinet - without feet		L x W x H	mm	766 x 225 x 477	766 x 225 x 477	951 x 225 x 477	1136 x 225 x 477	1321 x 225 x 477	1506 x 225 x 477	1319 x 225 x 575	1506 x 225 x 575							
Without cabinet		L x W x H	mm	570 x 220 x 430	570 x 220 x 430	753 x 220 x 430	938 x 220 x 430	1122 x 220 x 430	1307 x 220 x 430	1121 x 220 x 530	1316 x 220 x 530							
Weight																		
With cabinet	2-pipes	kg	19	19	22	27	30	35	35	47								
	4-pipes	kg	20	20	23	29	32	37	37	49								
Without cabinet	2-pipes	kg	13	13	15	20	22	26	27	38								
	4-pipes	kg	14	14	16	22	24	28	29	40								

Energy efficiency class⁷⁾

Fan coil comfort EC fan		FCEER		FCCOP		FCEER		FCCOP	
2-pipes	FCEER	C	C	B	A	A	A	B	B
	FCCOP	D	C	C	B	A	B	B	B
4-pipes	FCEER	C	C	B	A	B	B	B	A
	FCCOP	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.



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

Fan coil wall AC fan

Fan coil wall-mounted units with cooling and heating.
 Cooling capacity: 1,0 to 4,0 kW.
 Heating capacity: 1,4 to 4,5 kW.



Optional controller. WRC remote control.



Optional controller. SRC - mini BMS controller.



Optional controller. Electronic controller TControl POD glass.



Optional controller. Electronic controller TControl EASY 3S.



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



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

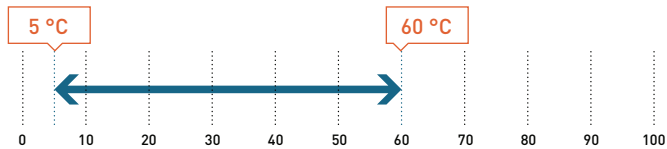


Optional controller. Advanced wired remote controller. PAW-FC-RC1

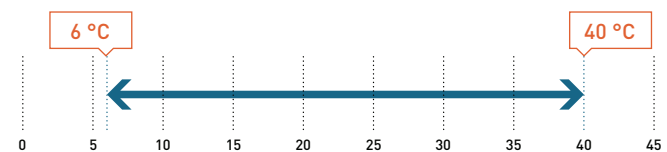
+ SEE PAGE 516 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



AC SELECT.

Smart and user-friendly the new air conditioning selection program: <https://acselect.panasonic.eu/>



The range at a glance

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

Advantages

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

Accessories and options

- 2 way or 3 way valves
- Modbus communication board for Plogic
- SRC - mini BMS controller
- Plogic controller (other electromechanical or electronic control systems also available)
- TControl EASY 3S and TControl POD glass controllers (other electromechanical or electronic control systems also available)
- WRC: wall-mounted remote control for Plogic

Technical features

Fan coil wall AC fan		P-FW07		P-FW09		P-FW18		P-FW22		
		S2/S3/S4 ¹⁾		S2/S3/S4 ¹⁾		S2/S3/S4 ¹⁾		S2/S3/S4 ¹⁾		
2-pipes, without valve										
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⁾	W	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		230	
	Phase		Single phase		Single phase		Single phase		Single phase	
	Frequency	Hz	50		50		50		50	
Consumption	Cooling	W	39/42/62		30/33/40		44/48/53		50/55/69	
	Heating	W	39/42/62		27/30/50		42/45/60		46/51/66	
Water connections										
Connection type		Gas female threaded		Gas female threaded		Gas female threaded		Gas female threaded		
Connections	Inch	½		½		½		½		
Dimension and weight										
Dimension	L x W x H	mm 845 x 180 x 275		mm 845 x 180 x 275		mm 940 x 200 x 298		mm 940 x 200 x 298		
Weight	kg	11		11		13		13		
Fan coil wall AC fan		P-FW09				P-FW22				
		S2/S3/S4 ¹⁾				S2/S3/S4 ¹⁾				
2-pipes, with valve										
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		Gas female threaded				Gas female threaded				
Connections	Inch	½				½				
Dimension and weight										
Dimension	L x W x H	mm 845 x 180 x 275				mm 940 x 200 x 298				
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).



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