

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 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 128 FOR A WIDER SELECTION OF ACCESSORIES

The range at a glance

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

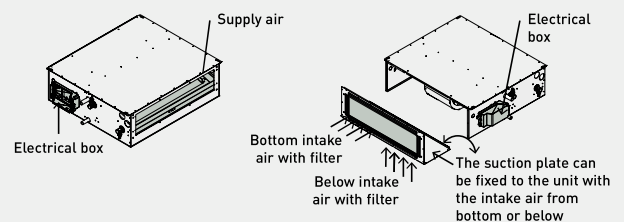
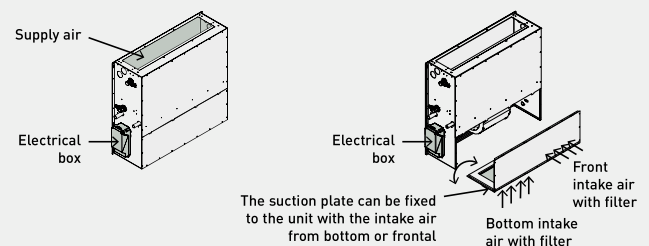
Possible configurations

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

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

Ducted thin, designed to fit any space

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

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

Technical features

			Ducted thin					Ducted				
Model (the complete model codes are shown in the table below)			P-FTN15	P-FTN20	P-FTN25	P-FTN35	P-FTN45	P-FSN20	P-FSN25	P-FSN35	P-FSN45	P-FSN55
Fan speed ¹⁾			Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	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	230
	Phase		Single 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	50
Consumption	W		14/32/80	22/55/140	26/65/160	33/80/160	38/115/230	6/11/24	7/14/31	8/16/34	13/30/38	14/42/85
Degree of protection	IP		X0	X0	X0	X0	X0	X0	X0	X0	X0	X0
Connections												
Hydraulic connections type			Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus
Hydraulic connections	Inch		¾	¾	¾	¾	¾	¾	¾	¾	¾	¾
Condensate drainage connection	mm		20	20	20	20	20	20	20	20	20	20
Intake air connection (base x height)	mm		460x100	660x100	860x100	1060x100	1320x100	460x150	660x150	860x150	1060x150	1320x150
Return air connection (base x height)	mm		510x100	710x100	910x100	1110x100	1370x100	510x150	710x150	910x150	1110x150	1370x150
Dimension and weight												
Dimension	H x W x D	mm	185x590 x575	185x790 x575	185x990 x575	185x1190 x575	185x1440 x575	240x590 x695	240x790 x695	240x990 x695	240x1190 x695	240x1440 x695
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
Valve kits (optional)		
PCZ-V30361	3 way valve with motor	
PCZ-V20139	2 way valve with motor	

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