



CIAT - FLOWAY ACCESS

Air handling unit

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Features

- Dual flow 'plug and play' air handling unit.
- Double filtration (F7 and F9).
- Rotary heat exchanger with constant speed.
- Free cooling and night cooling management.
- EC fan motor.
- Casing mechanical strength = D2.
- Air leakage (\pm pressure) = L2, air leakage filter assembly = F9.
- Thermal transmittance = T3, thermal bridge = TB2.



Technical Data

Floway Access		1000	2000	3000	5000	5000	7500	7500
Air flow	m ³ /s	0.3	0.6	0.9	1.2	1.4	1.7	2.2
Minimum air flow	m ³ /s	0.083	0.139	0.194	0.250	0.250	0.389	0.389
Maximum air flow	m ³ /s	0.333	0.694	1.028	1.583	1.583	2.361	2.361
V air filter section	m/s	1.21	1.42	1.42	1.16	1.45	1.18	1.57
Recovery efficiency EN308*	%	79.0	79.0	78.7	81.0	78.3	81.6	78.2
Width x height	mm	810 x 958	1010 x 1158	1210 x 1359	1510 x 1659	1510 x 1659	1810 x 1959	1810 x 1959
Length	mm	1266	1310	1600	1600	1600	1600	1600
Weight	kg	201	309	432	604	604	751	751
Supply power	kW	1.43	2.5	3.82	4.23	4.23	6.03	6.03
Supply	Phase	1Ø	3Ø + T	3Ø + T	3Ø + T	3Ø + T	3Ø + T	3Ø + T
Fans (supply and extract)		Polypropylene			Aluminum	Aluminum	Aluminum	Aluminum

Floway Access c/w hot water coil (1-row)								
Fan motor assembly supply	W	258	542	819	892	1234	1162	1821
Fan motor assembly exhaust	W	230	478	726	819	1101	1064	1629
Specific fan power	kW/m ³ /s	1.626	1.700	1.716	1.487	1.668	1.310	1.568
Heating water coil capacity**	kW	4.0	7.9	11.9	15.2	18.5	22.5	29.1

Floway Access cooling and heating/cooling only coil (2-row)								
Fan motor assembly supply	W	278	553	832	923	1256	1199	1851
Fan motor assembly exhaust	W	230	478	726	819	1101	1064	1629
Specific fan power	kW/m ³ /s	1.694	1.719	1.731	1.514	1.684	1.331	1.582
Changeover coil capacity (heating)**	kW	4.0	7.9	11.9	15.2	18.5	22.5	29.1
Changeover coil capacity (cooling)***	kW	5.7	11.4	17.1	21.9	26.6	32.3	41.8

* ERP regulation UE 1253/2014.

** Capacity at (W 45-40°C)

*** Capacity at (W 7-12°C)

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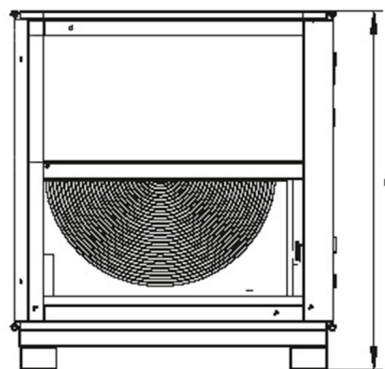
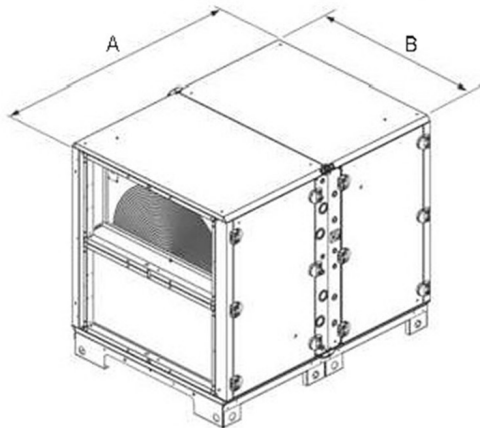


Accessories

Floway Access		1000	2000	3000	5000	7500
Description						
Filter - F9 HEE						
Set of aluminum fans (supply and exhaust)						
Energy meter with communication						
Actuator damper - indoor AHU - dimensions	mm	250 diameter	355 diameter	1150 x 560	1450 x 650	1750 x 840
Actuator damper - outdoor AHU - dimensions	mm	370 x 370	470 x 470	1150 x 560	1450 x 650	1750 x 84
Flexible sleeve (intake OR discharge) - dimensions	mm	250 diameter	355 diameter	990 x 510	1290 x 610	1590 x 810
Roof						
Hood						
Separator screen for hood						
Adjustable feet - quantity		4	6	8	8	8
Multi-units display (1-30) (display + TCONN card)						
LON PCB						
KNX PCB						
Modbus TCP - BACnet IP PCB						
Webserver PCB						
IAQ sensor kit (CO ₂)						
Constant pressure management kit						
Ambient in-room control kit						
Smoke detector kit						
RJ11 cable 10 m/50 m						

Dimensional Drawings

Model	Length (A), mm	Width (B), mm	Height (C), mm
1000	1266	810	958
2000	1310	1010	1158
3000	1600	1210	1359
5000	1600	1510	1659
7500	1600	1810	1959



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