

Product Information according to DIRECTIVE 2009/125/EC

Product information according to "Commission Regulation (EU) No 1253/2014, annex IV - Information requirements for RVUs as referred to in Article 4(1)" and "Commission Delegated Regulation (EU) No 1254/2014, Annex IV - Product fiche".

a)	Supplier	Airmaster A/S	
b)	Model	AM 150	AM 300
c)	Specific energy consumption (SEC)		
	Cold climate	-79,1 kWh/m ² per year	-78,6 kWh/m ² per year
	Average climate	-41,5 kWh/m ² per year	-40,8 kWh/m ² per year
	Warm climate	-17,4 kWh/m ² per year	-16,6 kWh/m ² per year
	SEC class	A	A
d)	Typology	Residential ventilation unit (RVU) / Bidirectional ventilation unit (BVU)	
e)	Type of drive installed	Variable speed drive (VSD)	
f)	Type of heat recovery system	Counterflow heat exchanger	
g)	Thermal efficiency	82%	83%
h)	Maximum flow rate	0,035 m ³ /s @ 20 Pa	0,075 m ³ /s @ 20 Pa
		126 m ³ /h @ 20 Pa	270 m ³ /h @ 20 Pa
i)	Electric power input	30 W	95 W
j)	Sound power level (L _{WA})	40 dB(A)	40 dB(A)
k)	Reference flow rate	0,025 m ³ /s / 89 m ³ /h	0,057 m ³ /s / 205 m ³ /h
l)	Reference pressure difference	20 Pa	20 Pa
m)	Specific power input (SPI)	730 W/(m ³ /s)	950 W/(m ³ /s)
		0,203 W/(m ³ /h)	0,264 W/(m ³ /h)
n)	Control factor and typology	MISC = 1,21	MISC = 1,21
		Non-ducted unit	Non-ducted unit
		CTRL = 0,65	CTRL = 0,65
		Local demand control	Local demand control
		X = 2	X = 2
		Variable speed drive	Variable speed drive
o)	Maximum external leakage rate	2% @ 250 Pa	2% @ 250 Pa
	Maximum internal leakage rate	2% @ 100 Pa	2% @ 100 Pa
p)	Mixing rate	Max. 5% at unfavorable wind direction and speed	
q)	Filter alarm signal	See description in Operator's Manual	
r)	Instructions regarding unidirectional ventilation unit	Not relevant	Not relevant
s)	Disposal	See description in Operator's Manual, www.airmaster-as.com	
t)	Airflow sensitivity to pressure variations	+/- 7,9%	+/- 3,7%
u)	Air tightness	1,5 m ³ /h	1,5 m ³ /h
v)	Annual electricity consumption (AEC)		
	Cold climate	687 kWh/100 m ² per year	736 kWh/100 m ² per year
	Average climate	150 kWh/100 m ² per year	199 kWh/100 m ² per year
	Warm climate	105 kWh/100 m ² per year	154 kWh/100 m ² per year
w)	Annual heating saved (AHS)		
	Cold climate	8785 kWh/100 m ² per year	8829 kWh/100 m ² per year
	Average climate	4490 kWh/100 m ² per year	4513 kWh/100 m ² per year
	Warm climate	2031 kWh/100 m ² per year	2041 kWh/100 m ² per year

Product Information according to DIRECTIVE 2009/125/EC

Product information according to "Commission Regulation (EU) No 1253/2014, Annex V - Information requirements for NRVUs as referred to in Article 4(2)".

a)	Manufacturer	Airmaster A/S		
b)	Model	AM 500	AM 800	AM 900
c)	Typology	Non-Residential ventilation unit (NRVU), Bidirectional ventilation unit (BVU)		
d)	Type of drive installed	Variable speed drive (VSD)		
e)	Type of heat recovery system	Recuperative heat exchanger, counterflow heat exchanger		
f)	Thermal efficiency	82%	84%	89%
g)	Nominal flow rate	0,110 m³/s / 396 m³/h	0,167 m³/s / 600 m³/h	185 m³/s / 665 m³/h
h)	Electric power input	0,12 kW	0,11 kW	0,15 kW
i)	Internal specific fan power (SFP _{int})	1011 W/(m³/s)	664 W/(m³/s)	670 W/(m³/s)
		0,281 W/(m³/h)	0,184 W/(m³/h)	0,186 W/(m³/h)
j)	Face velocity	0,8 m/s	1,0 m/s	1,0 m/s
k)	Nominal external pressure ($\Delta p_{s, ext}$)	20 Pa	20 Pa	20 Pa
l)	Internal pressure drop of ventilation components ($\Delta p_{s, int}$)	195 Pa	111 Pa	114 Pa
m)	Internal pressure drop of non-ventilation components ($\Delta p_{s, add}$)	Water Comfort Heater: 10 Pa	Water Comfort Heater: 10 Pa	Water Comfort Heater: 10 Pa
n)	Static efficiency of fans	40%	39%	37%
o)	Maximum external leakage rate	2% @ 400 Pa	2% @ 400 Pa	2% @ 400 Pa
	Maximum internal leakage rate	2% @ 250 Pa	2% @ 250 Pa	2% @ 250 Pa
p)	Energy performance of the filters	206 kWh/year, Class A+	330 kWh/year, Class A+	459 kWh/year, Class A+
q)	Filter alarm signal	See description in Operator's Manual		
r)	Sound power level (L _{WA})	40 dB(A)	40 dB(A)	40 dB(A)
s)	Disposal	See description in Operator's Manual, www.airmaster-as.com		
	Specific requirements 2018			
	Thermal efficiency	>73%	>73%	>73%
	Internal specific fan power (SFP _{int limit})	1354 W/(m³/s)	1406 W/(m³/s)	1552 W/(m³/s)

Product Information according to DIRECTIVE 2009/125/EC

Product information according to "Commission Regulation (EU) No 1253/2014, Annex V - Information requirements for NRVUs as referred to in Article 4(2)".

a)	Manufacturer	Airmaster A/S		
b)	Model	AM 950 C	AM 950+ C	AM 950 F
c)	Typology	Non-Residential ventilation unit (NRVU), Bidirectional ventilation unit (BVU)		
d)	Type of drive installed	Variable speed drive (VSD)		
e)	Type of heat recovery system	Recuperative heat exchanger, counterflow heat exchanger		
f)	Thermal efficiency	80%	80%	79%
g)	Nominal flow rate	0,261 m³/s / 940 m³/h	0,286 m³/s / 1030 m³/h	0,252 m³/s / 908 m³/h
h)	Electric power input	0,22 kW	0,28 kW	0,25 kW
i)	Internal specific fan power (SFP _{int})	410 W/(m³/s)	682 W/(m³/s)	387 W/(m³/s)
		0,114 W/(m³/h)	0,189 W/(m³/h)	0,108 W/(m³/h)
j)	Face velocity	0,8 m/s	0,9 m/s	1,5 m/s
k)	Nominal external pressure ($\Delta p_{s, ext}$)	30 Pa	30 Pa	30 Pa
l)	Internal pressure drop of ventilation components ($\Delta p_{s, int}$)	120 Pa	140 Pa	90 Pa
m)	Internal pressure drop of non-ventilation components ($\Delta p_{s, add}$)	None	None	None
n)	Static efficiency of fans	49%	31%	46%
o)	Maximum external leakage rate	2% @ 400 Pa	2% @ 400 Pa	2% @ 400 Pa
	Maximum internal leakage rate	2% @ 250 Pa	2% @ 250 Pa	2% @ 250 Pa
p)	Energy performance of the filters	557 kWh/year, Class A+	566 kWh/year, Class A+	441 kWh/year, Class A+
q)	Filter alarm signal	See description in Operator's Manual		
r)	Sound power level (L _{WA})	43 dB(A)	45 dB(A)	43 dB(A)
s)	Disposal	See description in Operator's Manual, www.airmaster-as.com		
	Specific requirements 2018			
	Thermal efficiency	>73%	>73%	>73%
	Internal specific fan power (SFP _{int, limit})	1271 W/(m³/s)	1267 W/(m³/s)	1242 W/(m³/s)

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Product information according to "Commission Regulation (EU) No 1253/2014, Annex V - Information requirements for NRVUs as referred to in Article 4(2)".

a)	Manufacturer	Airmaster A/S		
b)	Model	AM 950+ F	AM 1000	AM 1200
c)	Typology	Non-Residential ventilation unit (NRVU), Bidirectional ventilation unit (BVU)		
d)	Type of drive installed	Variable speed drive (VSD)		
e)	Type of heat recovery system	Recuperative heat exchanger, counterflow heat exchanger		
f)	Thermal efficiency	78%	80%	84%
g)	Nominal flow rate	0,281 m³/s / 1010 m³/h	0,264 m³/s / 950 m³/h	0,264 m³/s / 950 m³/h
h)	Electric power input	0,34 kW	0,23 kW	0,17 kW
i)	Internal specific fan power (SFP _{int})	714 W/(m³/s)	771 W/(m³/s)	491 W/(m³/s)
		0,198 W/(m³/h)	0,214 W/(m³/h)	0,136 W/(m³/h)
j)	Face velocity	1,6 m/s	0,8 m/s	0,8 m/s
k)	Nominal external pressure ($\Delta p_{s, ext}$)	30 Pa	20 Pa	20 Pa
l)	Internal pressure drop of ventilation components ($\Delta p_{s, int}$)	138 Pa	194 Pa	85 Pa
m)	Internal pressure drop of non-ventilation components ($\Delta p_{s, add}$)	None	Water Comfort Heater: 10 Pa	Water Comfort Heater: 10 Pa
n)	Static efficiency of fans	32%	55%	38%
o)	Maximum external leakage rate	2% @ 400 Pa	2% @ 400 Pa	2% @ 400 Pa
	Maximum internal leakage rate	2% @ 250 Pa	2% @ 250 Pa	2% @ 250 Pa
p)	Energy performance of the filters	490 kWh/year, Class A+	261 kWh/year, Class A+	450 kWh/year, Class A+
q)	Filter alarm signal	See description in Operator's Manual		
r)	Sound power level (L _{WA})	45 dB(A)	40 dB(A)	40 dB(A)
s)	Disposal	See description in Operator's Manual, www.airmaster-as.com		
	Specific requirements 2018			
	Thermal efficiency	>73%	>73%	>73%
	Internal specific fan power (SFP _{int, limit})	1208 W/(m³/s)	1270 W/(m³/s)	1390 W/(m³/s)

Product information according to "COMMISSION REGULATION (EU) No 206/2012, ANNEX I, 3. PRODUCT INFORMATION REQUIREMENTS, table 2 - Information requirements".

Description	Symbol	Unit	CC 150	CC 500
Rated capacity for cooling	$P_{\text{rated, cooling}}$	[kW]	0,7	3,3
Rated capacity for heating	$P_{\text{rated, heating}}$	[kW]	Not relevant	Not relevant
Rated power input for cooling	P_{EER}	[kW]	0,1	1,0
Rated power input for heating	P_{COP}	[kW]	Not relevant	Not relevant
Rated Energy efficiency ratio	EER_d	[-]	4,3	3,2
Rated Coefficient of performance	COP_d	[-]	Not relevant	Not relevant
Power consumption in thermostat-off mode	P_{TO}	[W]	0	0
Power consumption in standby mode	P_{SB}	[W]	0	0
Electricity consumption of double duct appliances	Q_{DD}	[kWh/year]	50	364
Sound power level	L_{WA}	[dB(A)]	< 30	44
Global warming potential	GWP	[kg CO ₂ eq.]	1430	2088
Contact details for obtaining more information	Airmaster A/S, Industrivej 59, DK 9600 Aars			

Description	Symbol	Unit	CC 800
Rated capacity for cooling	$P_{\text{rated, cooling}}$	[kW]	5,2
Rated capacity for heating	$P_{\text{rated, heating}}$	[kW]	Not relevant
Rated power input for cooling	P_{EER}	[kW]	1,1
Rated power input for heating	P_{COP}	[kW]	Not relevant
Rated Energy efficiency ratio	EER_d	[-]	4,7
Rated Coefficient of performance	COP_d	[-]	Not relevant
Power consumption in thermostat-off mode	P_{TO}	[W]	0
Power consumption in standby mode	P_{SB}	[W]	0
Electricity consumption of double duct appliances	Q_{DD}	[kWh/year]	389
Sound power level	L_{WA}	[dB(A)]	45
Global warming potential	GWP	[kg CO ₂ eq.]	2088
Contact details for obtaining more information	Airmaster A/S, Industrivej 59, DK 9600 Aars		