

# TECHNICAL DATA SHEET

**VALSIR® HRV SYSTEMS**

## **ARIA EVO V**



***valsir***®  
QUALITY FOR PLUMBING

Aria EVO V

Heat recovery unit



HRV unit made of expanded polypropylene (EPP) structure.

Panel filters in efficiency class ISO 16890 ePM10 > 50% (ex G4) on the extraction side and ISO 16890 ePM1 > 70% on intake to ensure high air quality; extraction of the filters through the 2 small front doors.

High-efficiency static air-air recuperator (up to 95%) in easily removable polystyrene for cleaning.

The system is complete with partial motorized by-pass for sizes 150 m<sup>3</sup>/h and 250 m<sup>3</sup>/h and total by-pass in models 350 m<sup>3</sup>/h, 500 m<sup>3</sup>/h and 600 m<sup>3</sup>/h.

Ventilators for inlet and expulsion are made up of polyamide and glass fiber reinforced directly coupled to EC electric motor with very high efficiency, individually adjustable continuously by the on-board electronics; optimized arrangement of the ventilating sections for noise reduction transmitted to the rooms.

Circular aerodynamic connections made of plastic material with additional sealing gasket. Electronic control complete with NTC probes on board the machine for the management of ventilation, free-cooling / free-heating, defrosting of the recuperator and any pre / post heating systems; possibility of interfacing with the domotic supervision system.

Unit management through 4-key radio frequency commands, or with display panel.

Possibility of combining CO<sub>2</sub> probes or humidity probe with radiofrequency communication that guarantee the possibility of managing all unit parameters.

**Table** Aria EVO V Technical data

MODEL		Aria Evo 150	Aria Evo 250	Aria Evo 350	Aria Evo 500	Aria Evo 600
Nominal airflow rate	m <sup>3</sup> /h	152	250	352	500	610
Nominal external static pressure	Pa	100	100	100	100	100
Working limits	°C	-15 ÷ 45				
Power supply <sup>(2)</sup>	V/ph/Hz	230 / 1 / 50				
Max current <sup>(2)</sup>	A	1,3	1,3	1,7	1,7	3,4
Maximum electric power input	W	136	136	196	196	340

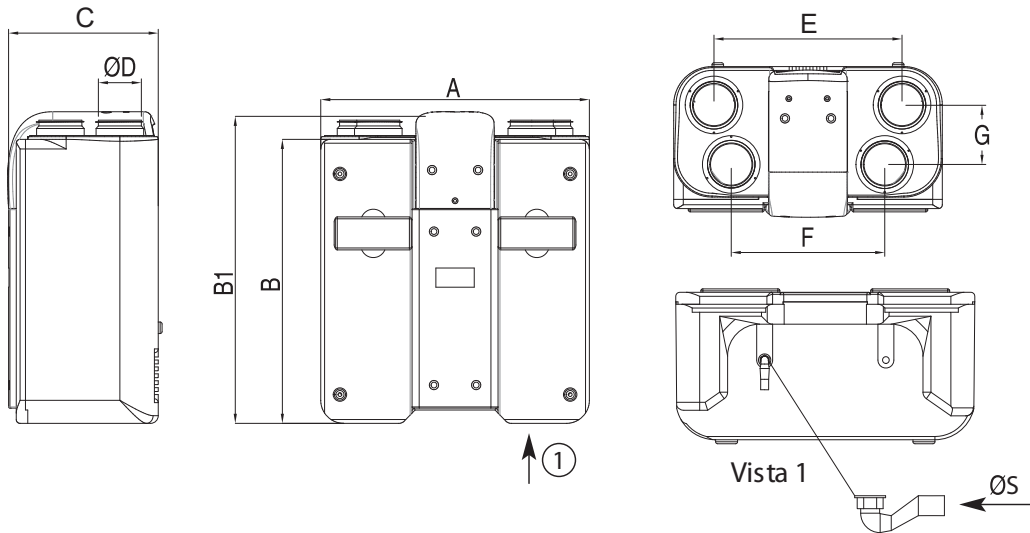
ENERGETIC DATA AS PER UE 1253/2014		Aria Evo 150	Aria Evo 250	Aria Evo 350	Aria Evo 500	Aria Evo 600
Declared typology		UVR-B				
Type of drive installed or intended to be installed		>3 Multispeed	>3 Multispeed	>3 Multispeed	>3 Multispeed	>3 Multispeed
Type of HRS		Recuperative				
SEC class average climate		A	A	A	A	A
Specific energy consumption average climate (SEC)	kWh/(m <sup>2</sup> a)	-35,4	-34,1	-36,9	-38,7	-35,2
SEC class cold climate		A+	A+	A+	A+	A+
Specific energy consumption cold climate (SEC)	kWh/(m <sup>2</sup> a)	-72,6	-70,7	-73,7	-76,1	-71,6
SEC class warm climate		E	E	E	E	E
Specific energy consumption warm climate (SEC)	kWh/(m <sup>2</sup> a)	-11,4	-10,5	-13,3	-14,7	-11,7
Thermal dry efficiency of heat recovery	%	85,4	83,1	83,6	84,2	82,4
Max airflow rate	m <sup>3</sup> /h	0,030	0,049	0,068	0,097	0,119
Reference flow rate	m <sup>3</sup> /s	0,310	0,331	0,235	0,246	0,286
Specific fan power (SPL)	W/(m <sup>3</sup> /h)	50	50	50	50	50
Reference pressure	Pa	0.95	0.95	0.95	0.95	0.95
Control factor and control typology (CTRL)	Timer	4,0	4,2	3,1	2,7	3,7
Annual electricity consumption of 100m <sup>2</sup> floor area	kWh/a	44,6	43,9	44,0	44,7	43,7
Annual heating saved average climate (AHS)	kWh	87,2	85,9	86,2	87,5	85,4
Annual heating saved cold climate (AHS)	kWh	20,2	19,8	19,9	20,2	19,8
Heating saved warm climate (AHS)	kWh	< 3,8	< 3,8	< 3,8	< 3,8	< 3,8
Declared maximum external leakage rates of the casing of ventilation units	%	< 3	< 3	< 3	< 3	< 3
Declared maximum internal leakage rates for bidirectional ventilation units or carry over	%	49	52	54	55	55
Casing sound power level (LWA) <sup>(1)</sup>	dB (A)	51	55	56	56	

<sup>(1)</sup> The reference flow rate equal to 70% of the maximum value and 50 Pa useful

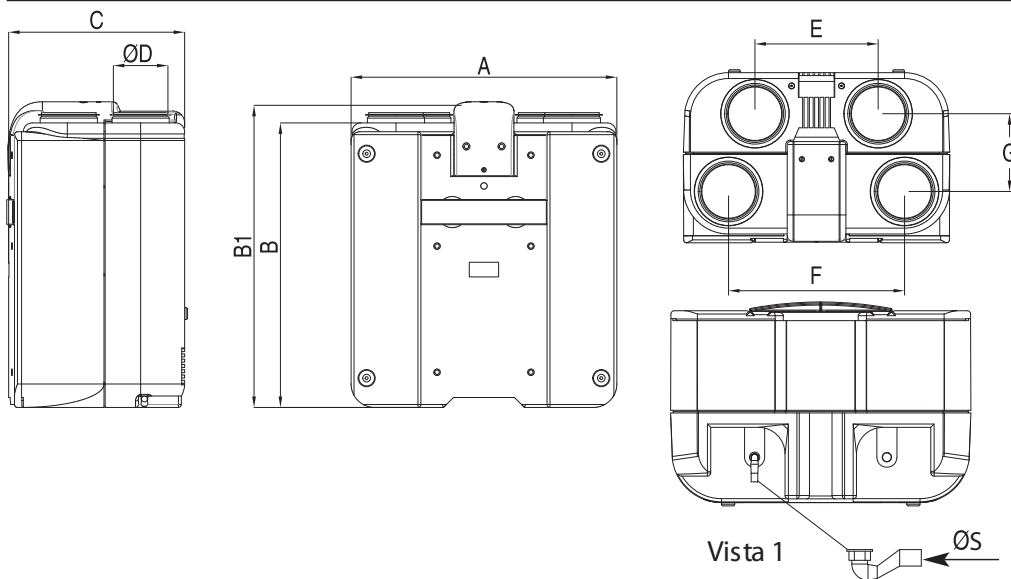
<sup>(2)</sup> Maximum total value of the two fans

**Table** Aria EVO V technical data

MODEL		Aria Evo 150	Aria Evo 250	Aria Evo 350	Aria Evo 500	Aria Evo 600
<b>Dimintions</b>						
A	mm	700	700	905	905	905
B	mm	740	740	970	970	970
B1	mm	800	800	1030	1030	1030
C	mm	390	390	600	600	600
E	mm	490	490	418	418	418
F	mm	400	400	600	600	600
G	mm	155	155	265	265	265
ØD	mm	125	125	200	200	200
ØS	mm	20	20	20	20	20
Weight	kg	15	18	28	28	28



View 1 represents the condensate discharge in standard version (left side of the unit)



View 1 represents the condensate discharge in standard version (left side of the unit)

Figure Installations

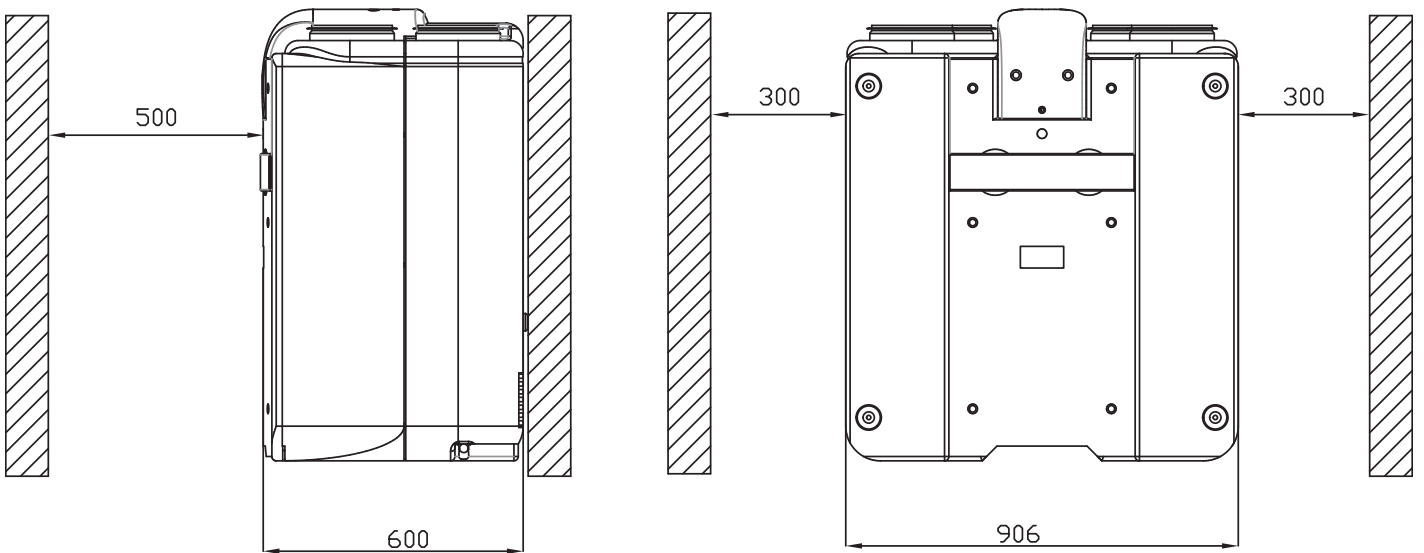
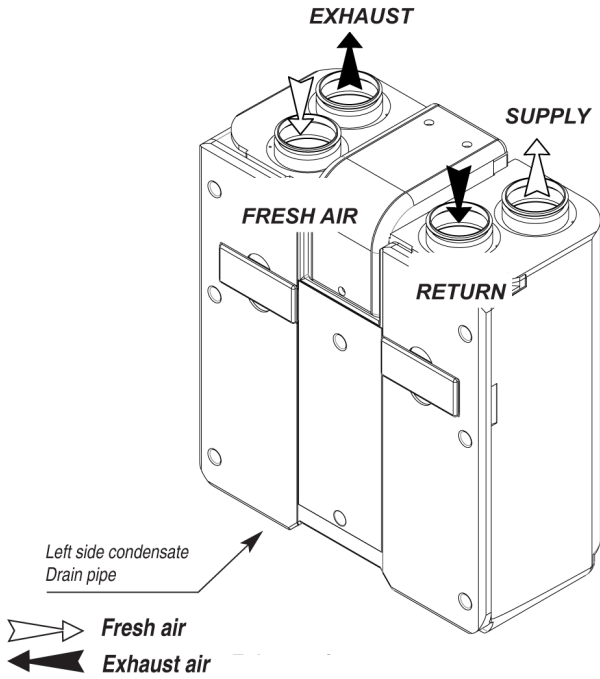


Figure Aria vertical energy label referred to REGULATION UE 1254/2014

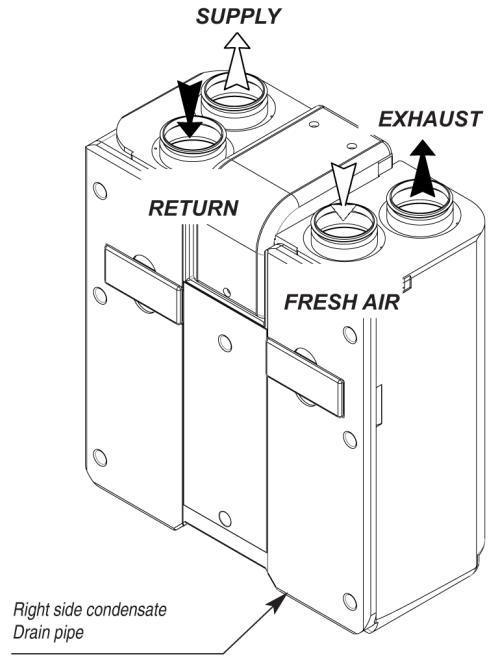


**Figure** Reversibility of aeraulic connections right and left

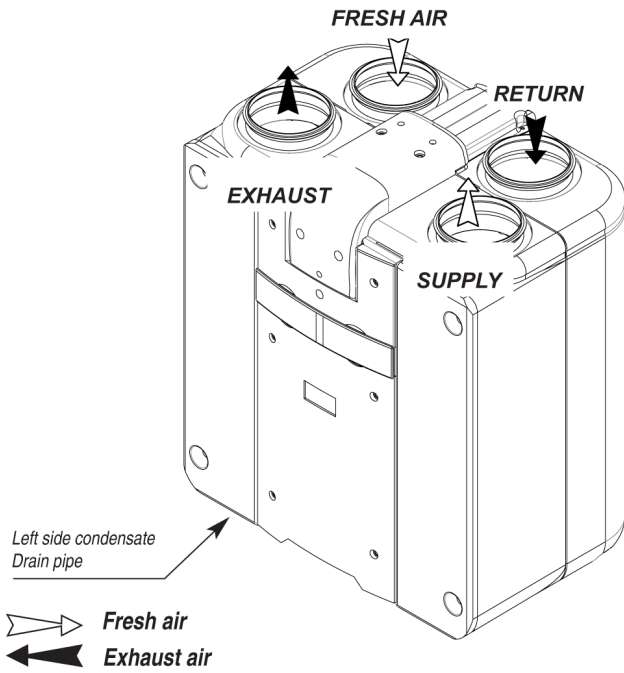
**Orientation 1 - Standard arrangement**



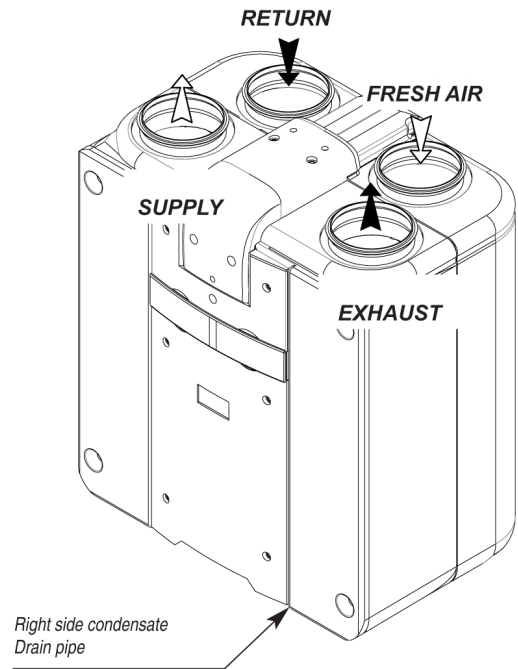
**Orientation 2**



**Orientation 1 - Standard arrangement**



**Orientation 2**



**Approvals:**

The approvals of Valsir® HRV systems are available on the website: [www.valsir.com](http://www.valsir.com)

**Table** Winter thermal yields model Aria EVO V 150

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
m <sup>3</sup> /h	°C	U.R. %	°C	U.R. %	°C	%	W
30	20	50	-11,0	60...90	18,2	94,1	291
30	20	50	-9,0	60...90	18,2	93,6	271
30	20	50	-7,0	60...90	18,2	93,3	252
30	20	50	-5,0	60...90	18,2	93,0	231
30	20	50	-3,0	60...90	18,3	92,6	213
30	20	50	-1,0	60...90	18,4	92,3	193
30	20	50	1,0	60...90	18,5	91,9	175
30	20	50	3,0	60...90	18,6	91,5	155
30	22	50	-11,0	60...90	20,2	94,5	311
30	22	50	-9,0	60...90	20,2	94,1	291
30	22	50	-7,0	60...90	20,2	93,6	271
30	22	50	-5,0	60...90	20,2	93,2	252
30	22	50	-3,0	60...90	20,2	93,0	231
30	22	50	-1,0	60...90	20,3	92,6	213
30	22	50	1,0	60...90	20,4	92,2	193
30	22	50	3,0	60...90	20,5	91,8	174
90	20	50	-11,0	60...90	16,8	89,7	833
90	20	50	-9,0	60...90	16,8	89,1	772
90	20	50	-7,0	60...90	16,9	88,6	717
90	20	50	-5,0	60...90	17,0	88,0	658
90	20	50	-3,0	60...90	17,1	87,5	603
90	20	50	-1,0	60...90	17,2	86,7	545
90	20	50	1,0	60...90	17,4	86,1	490
90	20	50	3,0	60...90	17,5	85,1	433
90	22	50	-11,0	60...90	18,8	90,2	890
90	22	50	-9,0	60...90	18,8	89,6	832
90	22	50	-7,0	60...90	18,8	89,1	772
90	22	50	-5,0	60...90	18,9	88,5	716
90	22	50	-3,0	60...90	19,0	87,9	658
90	22	50	-1,0	60...90	19,1	87,3	601
90	22	50	1,0	60...90	19,2	86,7	545
90	22	50	3,0	60...90	19,3	85,9	488

**Table** Winter thermal yields model Aria EVO V 150

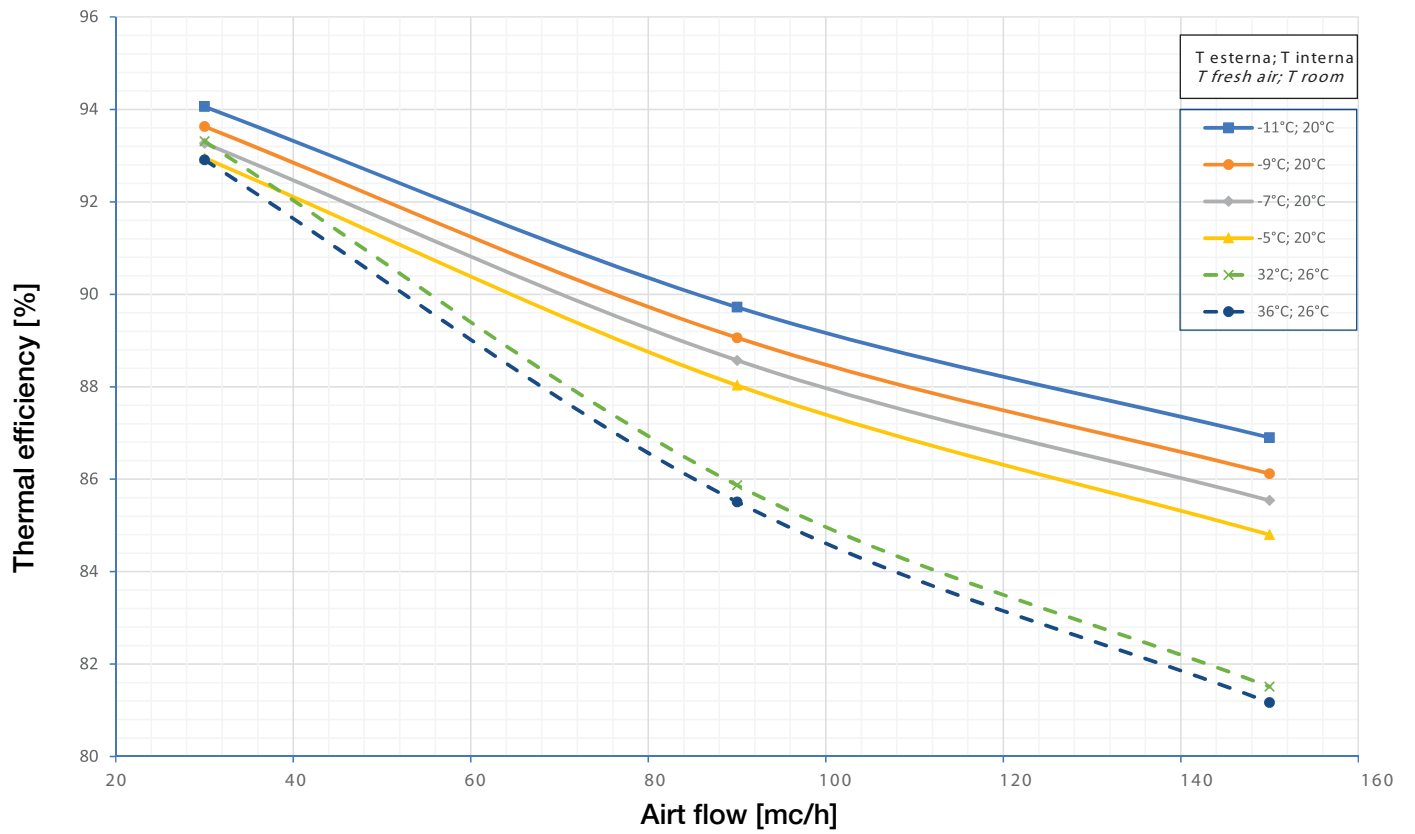
Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
m <sup>3</sup> /h	°C	U.R. %	°C	U.R. %	°C	%	W
150	20	50	-11,0	60...90	15,9	86,9	1343
150	20	50	-9,0	60...90	16,0	86,1	1244
150	20	50	-7,0	60...90	16,1	85,5	1151
150	20	50	-5,0	60...90	16,8	84,8	1087
150	20	50	-3,0	60...90	16,4	84,1	964
150	20	50	-1,0	60...90	16,5	83,2	871
150	20	50	1,0	60...90	16,6	82,1	778
150	20	50	3,0	60...90	16,8	81,0	686
150	22	50	-11,0	60...90	17,8	87,4	1438
150	22	50	-9,0	60...90	17,9	86,8	1340
150	22	50	-7,0	60...90	18,0	86,1	1244
150	22	50	-5,0	60...90	18,1	85,4	1151
150	22	50	-3,0	60...90	18,2	84,7	1057
150	22	50	-1,0	60...90	18,3	83,9	962
150	22	50	1,0	60...90	18,5	83,2	871
150	22	50	3,0	60...90	18,6	82,1	778

**Table** Summer thermal yields model Aria EVO V 150

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
m <sup>3</sup> /h	°C	U.R. %	°C	U.R. %	°C	%	W
30	26	50	30,0	40...60	26,3	93,5	37
30	26	50	32,0	40...60	26,4	93,3	56
30	26	50	34,0	40...60	26,6	93,1	74
30	26	50	36,0	40...60	26,7	92,9	93
90	26	50	30,0	40...60	26,6	86,0	103
90	26	50	32,0	40...60	26,9	85,9	155
90	26	50	34,0	40...60	27,1	85,7	204
90	26	50	36,0	40...60	27,5	85,5	256
150	26	50	30,0	40...60	26,7	81,7	162
150	26	50	32,0	40...60	27,1	81,5	244
150	26	50	34,0	40...60	27,5	81,3	324
150	26	50	36,0	40...60	27,9	81,2	404



### Aria EVO V 150



**Table** Winter thermal yields model Aria EVO V 250

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C	U.R. %	°C	%
150	20	50	-11,0	60...90	16,5	88,8	1373
150	20	50	-9,0	60...90	16,6	88,2	1274
150	20	50	-7,0	60...90	16,6	87,5	1179
150	20	50	-5,0	60...90	16,7	86,9	1085
150	20	50	-3,0	60...90	16,9	86,3	991
150	20	50	-1,0	60...90	17,0	85,6	898
150	20	50	1,0	60...90	17,1	84,8	803
150	20	50	3,0	60...90	17,3	83,9	710
150	22	50	-11,0	60...90	18,5	89,3	1470
150	22	50	-9,0	60...90	18,5	88,8	1373
150	22	50	-7,0	60...90	18,5	88,0	1275
150	22	50	-5,0	60...90	18,6	87,5	1179
150	22	50	-3,0	60...90	18,7	86,9	1085
150	22	50	-1,0	60...90	18,9	86,3	991
150	22	50	1,0	60...90	19,0	85,5	896
150	22	50	3,0	60...90	19,1	84,6	801
210	20	50	-11,0	60...90	16,0	87,1	1886
210	20	50	-9,0	60...90	16,1	86,5	1750
210	20	50	-7,0	60...90	16,2	85,8	1618
210	20	50	-5,0	60...90	16,3	85,1	1485
210	20	50	-3,0	60...90	16,4	84,4	1355
210	20	50	-1,0	60...90	16,5	83,4	1224
210	20	50	1,0	60...90	16,7	82,6	1095
210	20	50	3,0	60...90	16,8	81,3	966
210	22	50	-11,0	60...90	18,0	87,7	2020
210	22	50	-9,0	60...90	18,0	87,0	1882
210	22	50	-7,0	60...90	18,0	86,4	1751
210	22	50	-5,0	60...90	18,1	85,6	1615
210	22	50	-3,0	60...90	18,3	85,1	1485
210	22	50	-1,0	60...90	18,4	84,2	1352
210	22	50	1,0	60...90	18,5	83,4	1224
210	22	50	3,0	60...90	18,7	82,4	1093

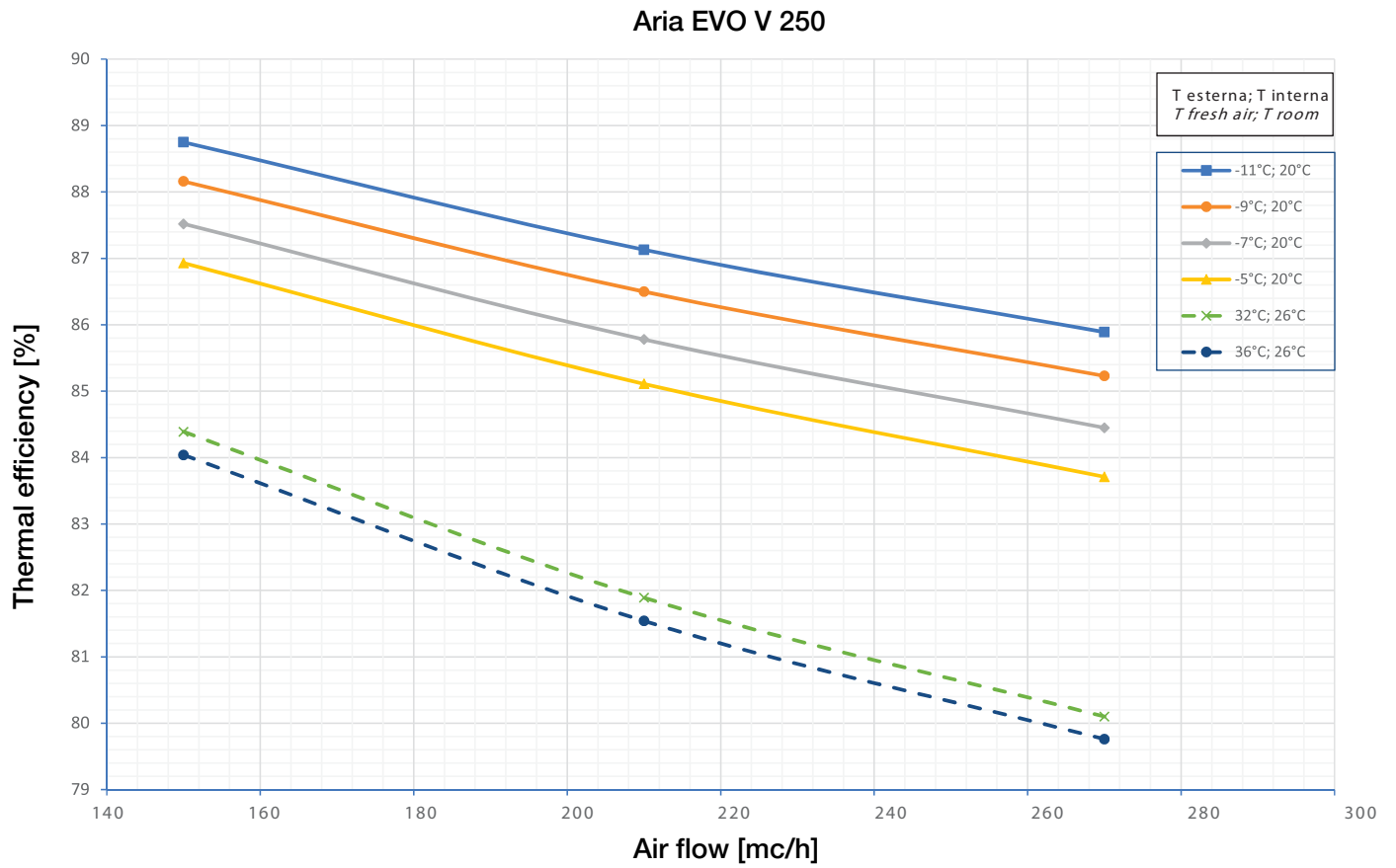
**Table** Winter thermal yields model Aria EVO V 250

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C			
270	20	50	-11,0	60...90	15,6	85,9	2388
270	20	50	-9,0	60...90	15,7	85,2	2217
270	20	50	-7,0	60...90	15,8	84,5	2048
270	20	50	-5,0	60...90	15,9	83,7	1878
270	20	50	-3,0	60...90	16,1	82,9	1713
270	20	50	-1,0	60...90	16,2	82,1	1546
270	20	50	1,0	60...90	16,4	81,0	1381
270	20	50	3,0	60...90	16,5	79,5	1213
270	22	50	-11,0	60...90	17,6	86,5	2564
270	22	50	-9,0	60...90	17,6	85,9	2388
270	22	50	-7,0	60...90	17,7	85,1	2215
270	22	50	-5,0	60...90	17,8	84,5	2048
270	22	50	-3,0	60...90	17,9	83,7	1878
270	22	50	-1,0	60...90	18,0	82,7	1706
270	22	50	1,0	60...90	18,2	81,9	1544
270	22	50	3,0	60...90	18,3	80,7	1379

**Table** Summer thermal yields model Aria EVO V 250

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C			
150	26	50	30,0	40...60	26,6	84,6	169
150	26	50	32,0	40...60	26,9	84,4	253
150	26	50	34,0	40...60	27,3	84,2	335
150	26	50	36,0	40...60	27,6	84,0	420
210	26	50	30,0	40...60	26,7	82,0	230
210	26	50	32,0	40...60	27,1	81,9	344
210	26	50	34,0	40...60	27,5	81,7	456
210	26	50	36,0	40...60	27,9	81,5	571
270	26	50	30,0	40...60	26,8	80,3	288
270	26	50	32,0	40...60	27,2	80,1	430
270	26	50	34,0	40...60	27,6	79,9	576
270	26	50	36,0	40...60	28,0	79,8	715

**Table** Thermal yields model Aria EVO V 250



**Table** Winter thermal yields model Aria EVO V 350

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C	U.R. %	°C	%
270	20	50	-11,0	60...90	16,3	88,0	2447
270	20	50	-9,0	60...90	16,3	87,3	2275
270	20	50	-7,0	60...90	16,4	86,7	2103
270	20	50	-5,0	60...90	16,5	86,1	1931
270	20	50	-3,0	60...90	16,7	85,5	1766
270	20	50	-1,0	60...90	16,8	84,6	1594
270	20	50	1,0	60...90	16,9	83,6	1427
270	20	50	3,0	60...90	17,1	82,6	1260
270	22	50	-11,0	60...90	18,2	88,5	2618
270	22	50	-9,0	60...90	18,3	87,9	2446
270	22	50	-7,0	60...90	18,3	87,3	2269
270	22	50	-5,0	60...90	18,4	86,6	2102
270	22	50	-3,0	60...90	18,5	86,0	1931
270	22	50	-1,0	60...90	18,6	85,3	1760
270	22	50	1,0	60...90	18,7	84,4	1593
270	22	50	3,0	60...90	18,9	83,6	1427
330	20	50	-11,0	60...90	16,0	87,0	2962
330	20	50	-9,0	60...90	16,1	86,4	2749
330	20	50	-7,0	60...90	16,1	85,7	2541
330	20	50	-5,0	60...90	16,2	85,0	2333
330	20	50	-3,0	60...90	16,4	84,2	2123
330	20	50	-1,0	60...90	16,5	83,3	1919
330	20	50	1,0	60...90	16,6	82,2	1712
330	20	50	3,0	60...90	16,8	81,1	1515
330	22	50	-11,0	60...90	17,9	87,5	3172
330	22	50	-9,0	60...90	17,9	86,9	2955
330	22	50	-7,0	60...90	18,0	86,2	2742
330	22	50	-5,0	60...90	18,1	85,5	2534
330	22	50	-3,0	60...90	18,2	84,8	2326
330	22	50	-1,0	60...90	18,3	84,1	2120
330	22	50	1,0	60...90	18,5	83,3	1919
330	22	50	3,0	60...90	18,6	82,2	1712

**Table** Winter thermal yields model Aria EVO V 350

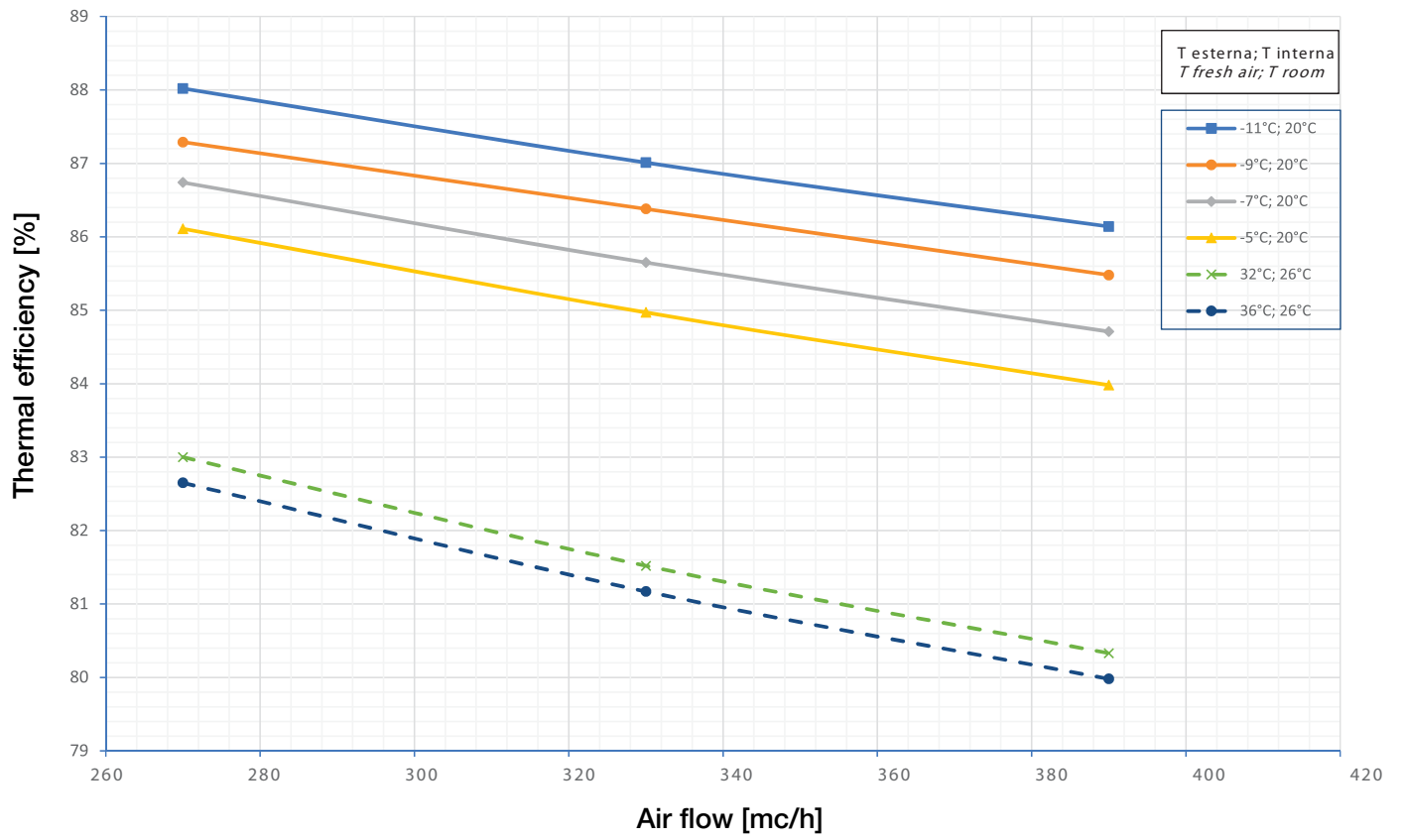
Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C			
390	20	50	-11,0	60...90	15,7	86,1	3466
390	20	50	-9,0	60...90	15,8	85,5	3214
390	20	50	-7,0	60...90	15,9	84,7	2967
390	20	50	-5,0	60...90	16,0	84,0	2719
390	20	50	-3,0	60...90	16,1	83,2	2481
390	20	50	-1,0	60...90	16,3	82,4	2243
390	20	50	1,0	60...90	16,4	81,3	2003
390	20	50	3,0	60...90	16,6	80,1	1767
390	22	50	-11,0	60...90	17,6	86,8	3714
390	22	50	-9,0	60...90	17,7	86,1	3466
390	22	50	-7,0	60...90	17,7	85,3	3211
390	22	50	-5,0	60...90	17,9	84,7	2967
390	22	50	-3,0	60...90	18,0	84,0	2719
390	22	50	-1,0	60...90	18,1	83,2	2481
390	22	50	1,0	60...90	18,3	82,2	2241
390	22	50	3,0	60...90	18,4	81,0	1996

**Table** Summer thermal yields model Aria EVO V 350

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C			
270	26	50	30,0	40...60	26,7	83,2	297
270	26	50	32,0	40...60	27,0	83,0	447
270	26	50	34,0	40...60	27,4	82,8	593
270	26	50	36,0	40...60	27,7	82,7	744
330	26	50	30,0	40...60	26,7	81,7	357
330	26	50	32,0	40...60	27,1	81,5	537
330	26	50	34,0	40...60	27,5	81,4	713
330	26	50	36,0	40...60	27,9	81,2	889
390	26	50	30,0	40...60	26,8	80,5	417
390	26	50	32,0	40...60	27,2	80,3	625
390	26	50	34,0	40...60	27,6	80,2	833
390	26	50	36,0	40...60	28,0	80,0	1036

**Table** Thermal yields model Aria EVO V 350

### Aria EVO V 350



**Table** Winter thermal yields model Aria EVO V 500

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C	U.R. %	°C	%
390	20	50	-11,0	60...90	16,4	88,4	3557
390	20	50	-9,0	60...90	16,4	87,7	3295
390	20	50	-7,0	60...90	16,5	87,1	3047
390	20	50	-5,0	60...90	16,6	86,5	2806
390	20	50	-3,0	60...90	16,7	85,9	2565
390	20	50	-1,0	60...90	16,9	85,0	2315
390	20	50	1,0	60...90	17,0	84,1	2070
390	20	50	3,0	60...90	17,1	83,1	1833
390	22	50	-11,0	60...90	18,3	88,8	3798
390	22	50	-9,0	60...90	18,4	88,3	3546
390	22	50	-7,0	60...90	18,4	87,7	3295
390	22	50	-5,0	60...90	18,5	87,0	3047
390	22	50	-3,0	60...90	18,6	86,4	2800
390	22	50	-1,0	60...90	18,7	85,7	2557
390	22	50	1,0	60...90	18,9	85,0	2315
390	22	50	3,0	60...90	19,0	84,1	2070
450	20	50	-11,0	60...90	16,2	87,6	4063
450	20	50	-9,0	60...90	16,2	87,0	3772
450	20	50	-7,0	60...90	16,3	86,3	3482
450	20	50	-5,0	60...90	16,4	85,6	3201
450	20	50	-3,0	60...90	16,5	84,9	2920
450	20	50	-1,0	60...90	16,7	84,2	2648
450	20	50	1,0	60...90	16,8	83,2	2369
450	20	50	3,0	60...90	17,0	82,2	2094
450	22	50	-11,0	60...90	18,1	88,2	4358
450	22	50	-9,0	60...90	18,2	87,6	4063
450	22	50	-7,0	60...90	18,2	86,9	3769
450	22	50	-5,0	60...90	18,3	86,3	3482
450	22	50	-3,0	60...90	18,4	85,6	3201
450	22	50	-1,0	60...90	18,5	84,9	2920
450	22	50	1,0	60...90	18,7	84,0	2638
450	22	50	3,0	60...90	18,8	83,0	2359



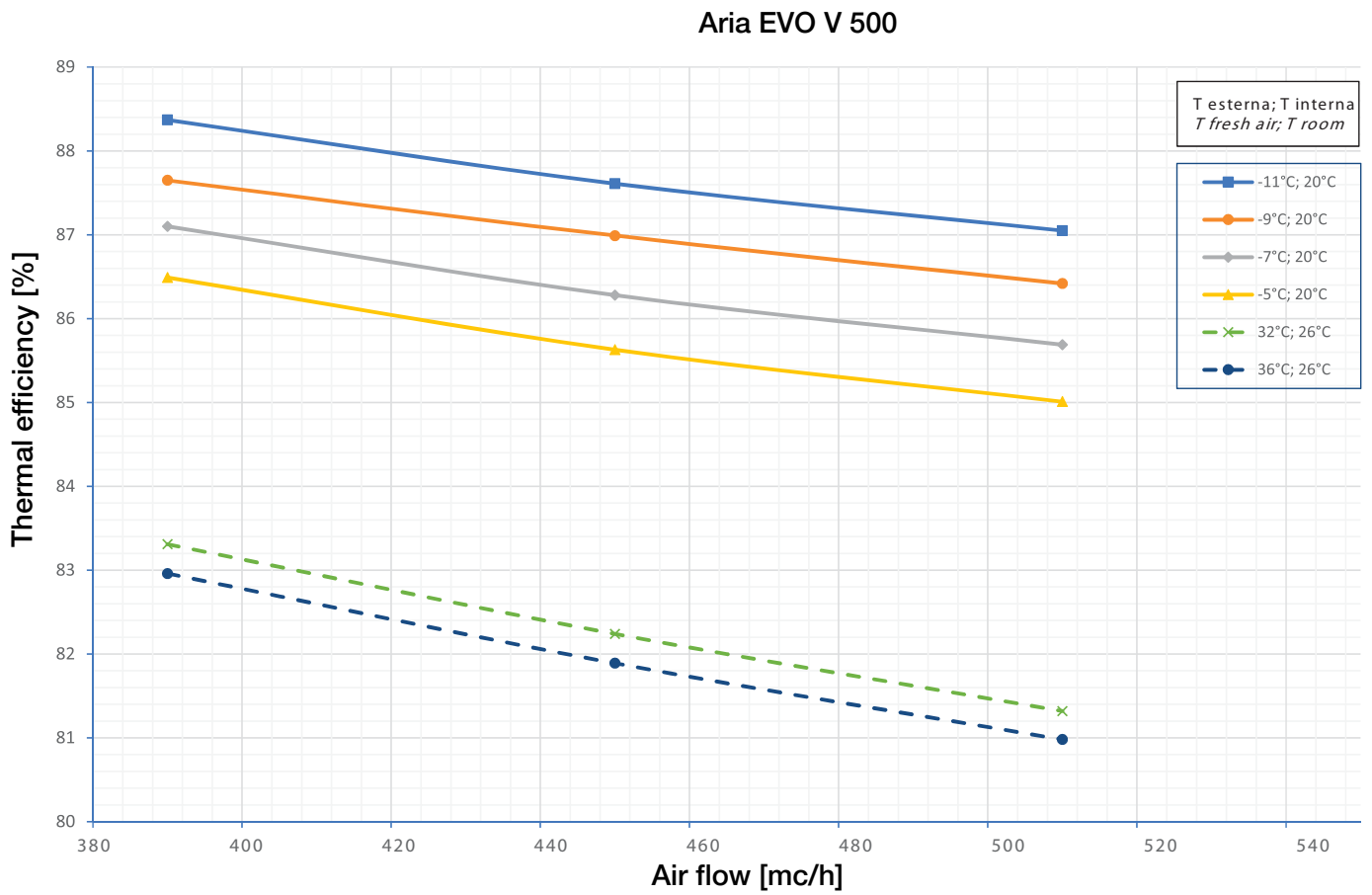
**Table** Winter thermal yields model Aria EVO V 500

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C			
510	20	50	-11,0	60...90	16,0	87,0	4571
510	20	50	-9,0	60...90	16,1	86,4	4252
510	20	50	-7,0	60...90	16,1	85,7	3920
510	20	50	-5,0	60...90	16,3	85,0	3607
510	20	50	-3,0	60...90	16,4	84,3	3285
510	20	50	-1,0	60...90	16,5	83,3	2967
510	20	50	1,0	60...90	16,6	82,3	2648
510	20	50	3,0	60...90	16,8	81,2	2341
510	22	50	-11,0	60...90	17,9	87,5	4896
510	22	50	-9,0	60...90	17,9	86,9	4572
510	22	50	-7,0	60...90	18,0	86,3	4245
510	22	50	-5,0	60...90	18,1	85,5	3923
510	22	50	-3,0	60...90	18,2	84,9	3600
510	22	50	-1,0	60...90	18,4	84,1	3277
510	22	50	1,0	60...90	18,5	83,3	2967
510	22	50	3,0	60...90	18,6	82,3	2648

**Table** Summer thermal yields model Aria EVO V 500

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C			
390	26	50	30,0	40...60	26,7	83,5	433
390	26	50	32,0	40...60	27,0	83,3	647
390	26	50	34,0	40...60	27,4	83,1	863
390	26	50	36,0	40...60	27,7	83,0	1073
450	26	50	30,0	40...60	26,7	82,4	491
450	26	50	32,0	40...60	27,1	82,2	741
450	26	50	34,0	40...60	27,4	82,1	979
450	26	50	36,0	40...60	27,8	81,9	1225
510	26	50	30,0	40...60	26,7	81,5	553
510	26	50	32,0	40...60	27,1	81,3	827
510	26	50	34,0	40...60	27,5	81,2	1102
510	26	50	36,0	40...60	27,9	81,0	1372

Table Thermal yields model Aria EVO V 500



**Table** Winter thermal yields model Aria EVO V 600

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C	U.R. %	°C	%
510	20	50	-11,0	60...90	16,0	87,0	4571
510	20	50	-9,0	60...90	16,1	86,4	4252
510	20	50	-7,0	60...90	16,1	85,7	3920
510	20	50	-5,0	60...90	16,3	85,0	3607
510	20	50	-3,0	60...90	16,4	84,3	3285
510	20	50	-1,0	60...90	16,5	83,3	2967
510	20	50	1,0	60...90	16,6	82,3	2648
510	20	50	3,0	60...90	16,8	81,2	2341
510	22	50	-11,0	60...90	17,9	87,5	4896
510	22	50	-9,0	60...90	17,9	86,9	4572
510	22	50	-7,0	60...90	18,0	86,3	4245
510	22	50	-5,0	60...90	18,1	85,5	3923
510	22	50	-3,0	60...90	18,2	84,9	3600
510	22	50	-1,0	60...90	18,4	84,1	3277
510	22	50	1,0	60...90	18,5	83,3	2967
510	22	50	3,0	60...90	18,6	82,3	2648
570	20	50	-11,0	60...90	15,8	86,6	5087
570	20	50	-9,0	60...90	15,9	85,8	4711
570	20	50	-7,0	60...90	16,0	85,2	4354
570	20	50	-5,0	60...90	16,1	84,5	4000
570	20	50	-3,0	60...90	16,2	83,5	3646
570	20	50	-1,0	60...90	16,4	82,7	3294
570	20	50	1,0	60...90	16,5	81,6	2942
570	20	50	3,0	60...90	16,7	80,5	2595
570	22	50	-11,0	60...90	17,7	87,0	5448
570	22	50	-9,0	60...90	17,8	86,4	5083
570	22	50	-7,0	60...90	17,9	85,8	4711
570	22	50	-5,0	60...90	18,0	85,0	4354
570	22	50	-3,0	60...90	18,1	84,3	4000
570	22	50	-1,0	60...90	18,2	83,5	3646
570	22	50	1,0	60...90	18,3	82,5	3284
570	22	50	3,0	60...90	18,5	81,4	2932

**Table** Winter thermal yields model Aria EVO V 600

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C			
630	20	50	-11,0	60...90	15,7	86,0	5585
630	20	50	-9,0	60...90	15,8	85,3	5183
630	20	50	-7,0	60...90	15,8	84,6	4781
630	20	50	-5,0	60...90	16,0	83,8	4395
630	20	50	-3,0	60...90	16,1	83,0	3998
630	20	50	-1,0	60...90	16,3	82,2	3616
630	20	50	1,0	60...90	16,4	81,1	3230
630	20	50	3,0	60...90	16,5	79,6	2838
630	22	50	-11,0	60...90	17,6	86,6	5986
630	22	50	-9,0	60...90	17,7	86,0	5585
630	22	50	-7,0	60...90	17,7	85,2	5178
630	22	50	-5,0	60...90	17,8	84,6	4781
630	22	50	-3,0	60...90	18,0	83,8	4395
630	22	50	-1,0	60...90	18,1	83,0	3998
630	22	50	1,0	60...90	18,2	82,0	3603
630	22	50	3,0	60...90	18,4	80,8	3217

**Table** Summer thermal yields model Aria EVO V 600

Flow rate	Room air		Renewal air		Supplied air	Efficiency	Recovered power
	m <sup>3</sup> /h	°C	U.R. %	°C			
510	26	50	30,0	40...60	26,7	81,5	553
570	26	50	32,0	40...60	26,8	80,7	610
630	26	50	34,0	40...60	26,8	80,0	670
510	26	50	36,0	40...60	27,1	81,3	827
570	26	50	30,0	40...60	27,2	80,5	917
630	26	50	32,0	40...60	27,2	79,8	1003
510	26	50	34,0	40...60	27,5	81,2	1102
570	26	50	36,0	40...60	27,6	80,4	1218
630	26	50	30,0	40...60	27,6	79,7	1337
510	26	50	32,0	40...60	27,9	81,0	1372
570	26	50	34,0	40...60	28,0	80,2	1518
630	26	50	36,0	40...60	28,1	79,5	1664

Table Thermal yields model Aria EVO V 600

### Aria EVO V 600

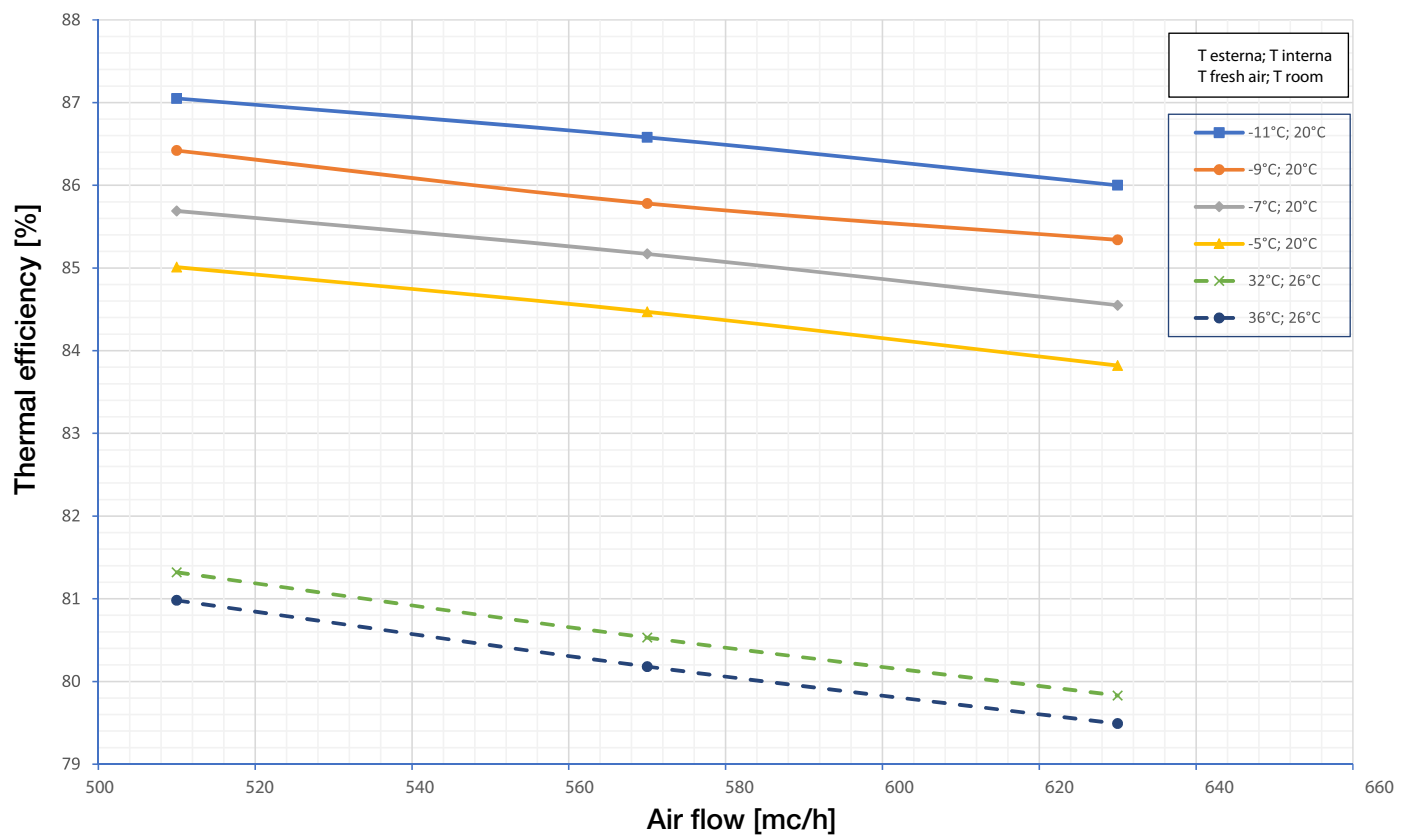


Figure Aria EVO V 150 characteristic graph

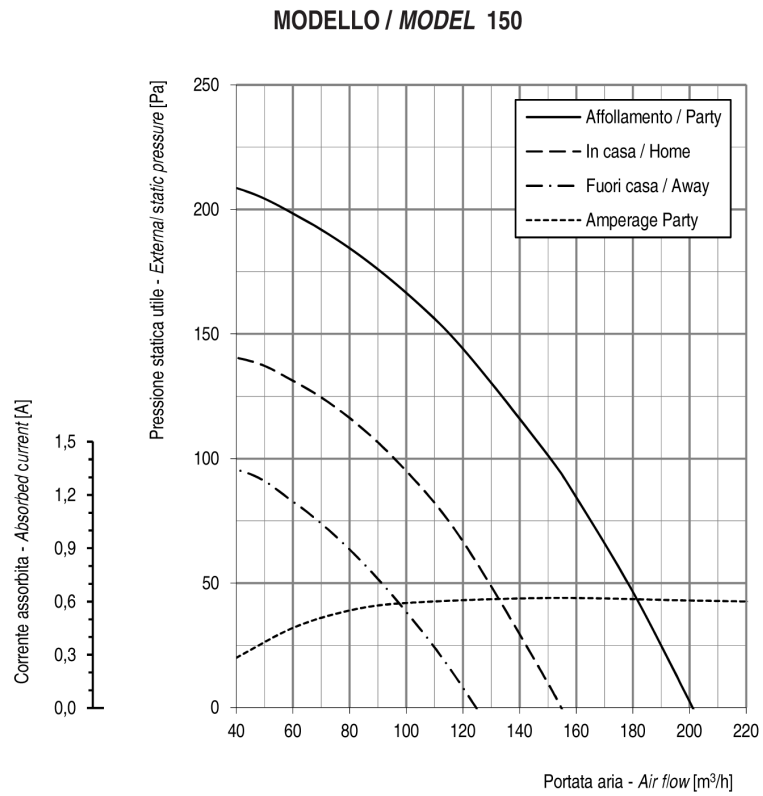


Figure Aria EVO V 250 characteristic graph

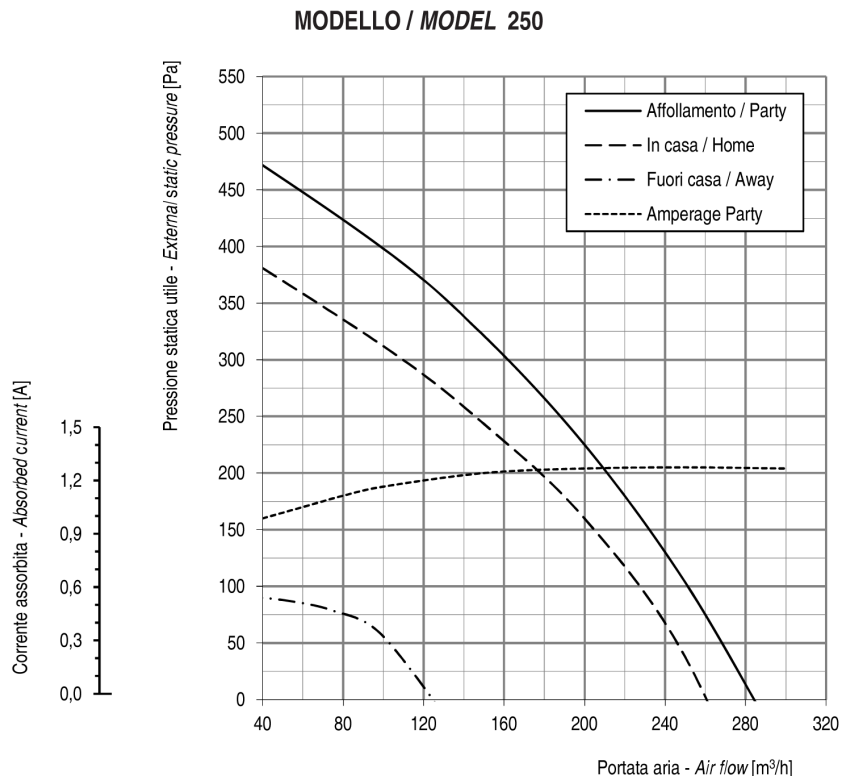


Figure Aria EVO V 350 characteristic graph

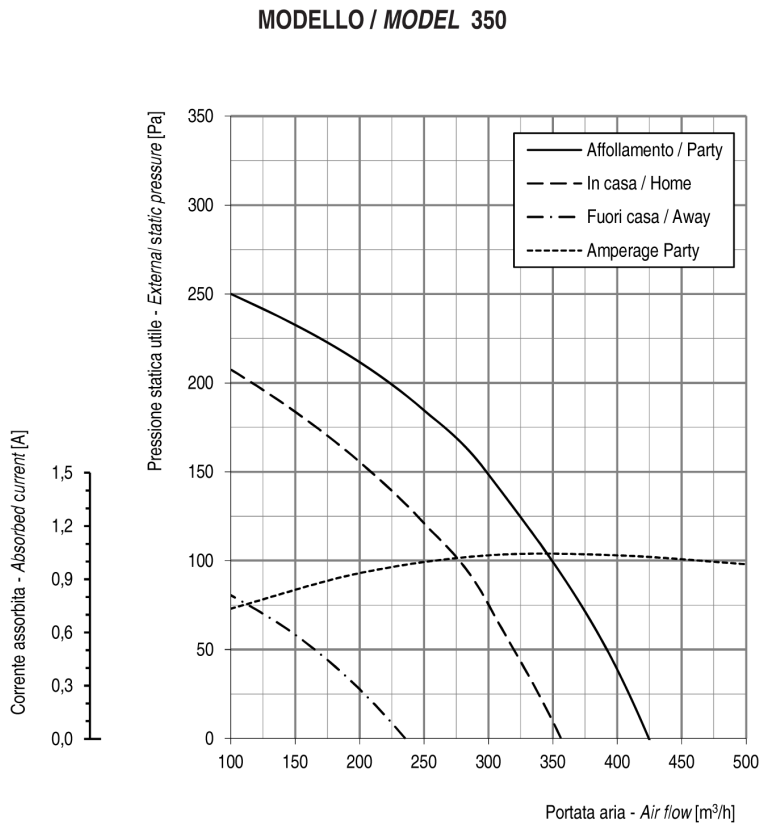


Figure Aria EVO V 500 characteristic graph

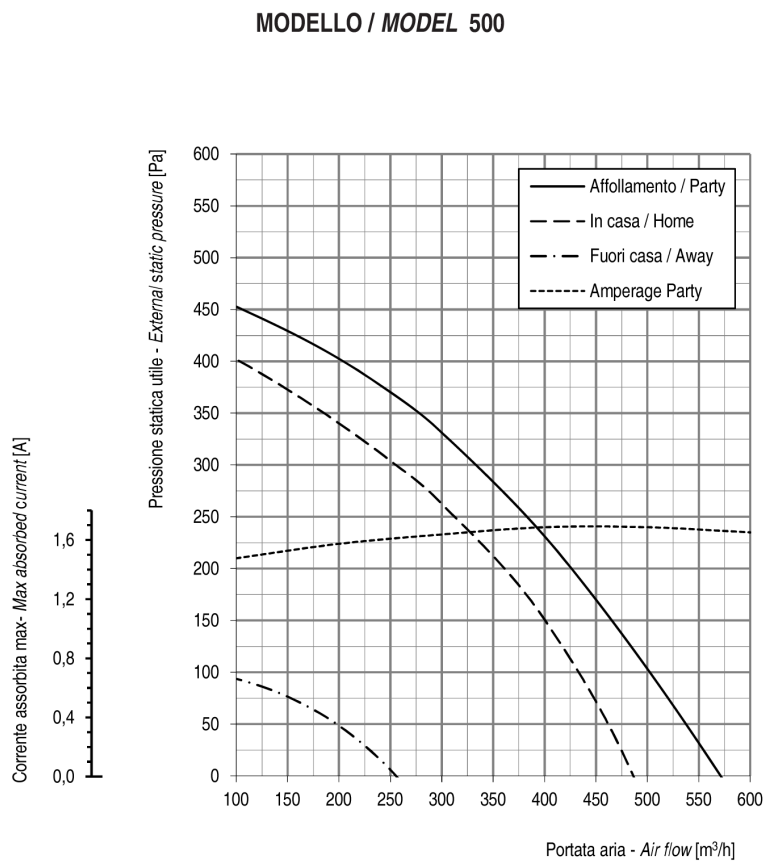
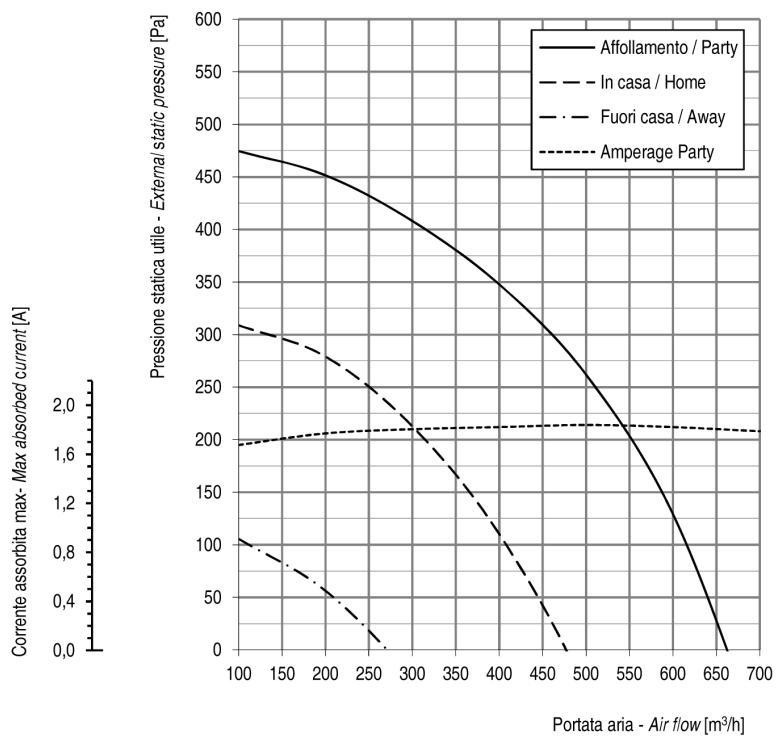


Figure Aria EVO V 600 characteristic graph

MODELLO / MODEL 600





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