

AIRA HEAT PUMP SYSTEM SPECIFICATIONS

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AIRA



Outdoor units

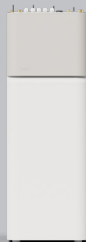


	6 kW OUTDOOR UNIT	8 kW OUTDOOR UNIT	12 kW OUTDOOR UNIT	12 kW OUTDOOR UNIT
Energy efficiency [35/55 °C]	A+++/A++	A+++/A++	A+++/A++	A+++/A++
Refrigerant	R290	R290	R290	R290
Power output @ +7/35 °C [Max rps]	9.5 kW	12 kW	16 kW	16 kW
Power output @ -7/35 °C [Max rps]	6 kW	8 kW	12 kW	12 kW
SCOP [Average 35 °C]	4,7	4,7	4,7	4,7
Maximum cooling power @ 35/18 °C	8 kW	10kW	13 kW	13 kW
Max temp outlet	70 °C	70 °C	70 °C	70 °C
Working range, heating	-25 °C – +45 °C	-25 °C – +45 °C	-25 °C – +45 °C	-25 °C – +45 °C
Power supply	230V	230V	230V	400V
Recommended fuse size, A [outdoor unit]	16A	20A	35A	16A
Sound power level [EN12102]	57 dB[A]	56 dB[A]	57 dB[A]	57 dB[A]
Dimensions [cm] [w/h/d]	121.6 x 100.5 x 42.5	121.6 x 100.5 x 42.5	115.2 x 150.3 x 41.6	115.2 x 150.3 x 41.6

Indoor units



INDOOR UNIT 100L



INDOOR UNIT 250L



**AIRA INDOOR UNIT
COMPACT**

Type	All-in-one	All-in-one	Hydrobox
Tank size	100L	250L	–
Tank type	Stainless steel	Stainless steel	–
Insulation	EPS	EPS	–
Max temp tank	75 °C	75 °C	75 °C
Connections	Bottom	Top	Bottom
Wall bracket	Yes	No	Yes
Dimensions [cm] [w/h/d]	50.0 x 110.0 x 50.0	67.0 x 172.0 x 60.0	40.0 x 72.0 x 25.0
Immersion heater	3-9 kW	3-9 kW	3-9 kW



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Buffer tanks & Hot water cylinders



**BUFFER TANK
40L**



**BUFFER TANK
100L**



**HOT WATER
CYLINDER
SLIMLINE 150L**



**HOT WATER
CYLINDER
200L+**

Type	Buffer tank	Buffer tank	Hot water cylinder	Hot water cylinder
Tank size	40L	100L	150L	200L, 250L, 300L
Tank type	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Insulation	Polyurethan	Polyurethan	Polyurethan	Polyurethan
Max temp tank	95 °C	95 °C	85 °C	85 °C
Connections	Side	Top	G ¾” female	G ¾” female
Wall bracket	Yes	Yes	No	No
Dimensions [cm] [w/h/d]	37.5 x 71.5	37.5 x 155.5	44 x 170	[200L] 60x127 [250L] 60x154 [300L] 60x175

Call **0330 828 1111** for a free,
no-strings home energy assessment.
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