

(EN) 5.4 Product specifications

Product		HE-AI-290-06	HE-AI-290-09	HE-AI-290-12	HE-AI-290-12	HE-AI-290-16	HE-AI-290-16
Rated Voltage / Frequency	Volt/Hz	230 / 50	230 / 50	230 / 50	400 / 50	230 / 50	400 / 50
Rated Heating Capacity Range	kW	2,0-7,0	3,0-10,0	4,0-13,0	4,0-13,0	5,0-17,0	5,0-17,0
Rated Heating Capacity (A7/W35)	kW	6,324	9,064	11,989	12,069	15,942	15,928
Rated Heating Input (A7/W35)	kW	1,419	2,047	2,726	2,751	3,564	3,509
COP (A7 / W35)	kW/kW	4,46	4,43	4,40	4,39	4,47	4,54
SCOP 55 °C / 35 °C	kWh/kWh	3,55 / 4,69	3,58 / 4,65	3,52 / 4,70	3,51 / 4,72	3,54 / 4,71	3,60 / 4,70
Rated Cooling Capacity (A35 / W18)	kW	6,25	8,85	10,8	10,8	14,85	14,85
Rated Cooling Input (A35 / W18)	kW	1,42	2,28	2,88	2,88	3,97	3,97
EER (A35 / W18)	kW/kW	4,4	3,88	3,75	3,75	3,74	3,74
Rated Water Flow	m³/h	1,1	1,57	2,1	2,1	2,75	2,75
Rated Input Power	kW	2,76	3,15	3,75	3,75	6,21	6,21
Rated Input Current	A	12	13,7	17	5,7	27	9,4
High / Low Cut-off Pressure	MPa	3,2 / 0,03	3,2 / 0,03	3,2 / 0,03	3,2 / 0,03	3,2 / 0,03	3,2 / 0,03
Refrigerant Type / Charge	/	R290/0,8	R290/1,05	R290/1,2	R290/1,2	R290/1,4	R290/1,4
Unit Protection Class	/	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Electrical Shockproof		Klasse 1	Klasse 1	Klasse 1	Klasse 1	Klasse 1	Klasse 1
Sound Pressure Level 1 m	dB(A)	43,6	48,4	50,7	50,7	54	54
Max Water Outlet Temperature	°C	75	75	75	75	75	75
Diameter Of Water Connections	/	DN 25	DN 25	DN 25	DN 25	DN 32	DN 32
Internal Pressure Drop at Rating Water Flow	kPa	13	21	28	28	28	28
Residual Pump Pressure	kPa	45	25	30	30	25	25
Min / Max Water Pressure	bar	0,5/3,0	0,5/3,0	0,5/3,0	0,5/3,0	0,5/3,0	0,5/3,0
Min / Max Outdoor Temperature Heating Mode / DHW	°C	-25°C +45°C	-25°C +45°C	-25°C +45°C	-25°C +45°C	-25°C +45°C	-25°C +45°C
Min / Max Outdoor Temperature Cooling Mode	°C	+10°C +45°C	+10°C +45°C	+10°C +45°C	+10°C +45°C	+10°C +45°C	+10°C +45°C
Net Weight	kg	90	95	110	110	140	140
Gross Weight	kg	110	115	130	130	160	160
Net Dimensions (L / W / H)	mm	1115/415/900	1115/415/900	1115/415/900	1115/415/900	1115/415/1320	1115/415/1320
Packaging Dimensions (L/B/H)	mm	1155/500/1025	1155/500/1025	1155/500/1025	1155/500/1025	1155/500/1445	1155/500/1445