

RESIDENTIAL HEAT PUMP
MONOBLOCK 6 - 16 kW
(PRELIMINARY)



		ERA ^{pro} 6 kW	ERA ^{pro} 9 kW	ERA ^{pro} 13 kW	ERA ^{pro} 16 kW
Energy efficiency class (ERP at 35/55 °C)		A+++/A++	A+++/A++	A+++/A++	A+++/A++
Heating capacity range (according to A7/W35)	kW	2.00 ~ 6.03	3.50 ~ 9.04	4.20 ~ 13.04	6 ~ 16.44
SCOP EN 14825 Average climate, 35/55°C		5,08 / 3,66	5,05 / 3,73	5,05 / 3,80	5,07 / 3,69
Prated EN 14825 (35/55°C)		4,8	7,0	9,8	12,8
Cooling capacity range (according to A35/W7)	kW	1,47 ~ 4,91	2,33 ~ 6,96	3,27 ~ 9,13	4,32 ~ 11,8
Sound power according to EN 12102	dB (A)	52	56	58	60
Sound pressure 1m according to EN 12102		38	42	44	46
Nominal heating water flow	m3 (h)	1,03	1,55	2,2	2,75
Minimum heating water flow	l/s	0,2	0,3	0,3	0,4
Pressure drop of the condenser	kPa	15	20	22	35
Minimum volume of heating water	litres (l)	50	70	90	110
Maximum heating water outlet temperature	°C	75	75	75	75
Min. ambient temperature - heating / DHW	°C	-25	-25	-25	-25
Max. ambient temperature - heating / DHW	°C	43	43	43	43
Min. ambient temperature - cooling	°C	10	10	10	10
Max. ambient temperature - cooling	°C	43	43	43	43
Supply voltage	V	230	230	400	400
Circuit breaker size/type	A/C	1x16	1x20*	3x10	3x10
Running current	A	5	5	5	5
Sustained current	A	14,3	19,8	8,3	8,9
Max. operating current	A	14,3	19,8*	8,25	8,9
Max. el. power input (compressor)	kW	2,8	4,5	5,4	5,8

PHOTOMATE s.r.o.

		ERA ^{pro} 6 kW	ERA ^{pro} 9 kW	ERA ^{pro} 13 kW	ERA ^{pro} 16 kW
Height without packing	mm	1120	1120	1120	1120
Width without packing	mm	1102	1102	1377	1377
Depth without packing	mm	557	557	557	557
Weight without packing	kg	130	135	190	195
Height with packing	mm	1182	1182	1182	1182
Width with packing	mm	1215	1215	1490	1490
Depth with packing	mm	580	580	580	580
Weight with packing	kg	170	175	237	242
Type of hydraulic connection		thread, internal	thread, internal	thread, internal	thread, internal
Dimensions of hydraulic connection		G1 1/4"	G1 1/4"	G1 1/4"	G1 1/4"
Number of fans		1	1	1	1
Type of refrigerant		R290	R290	R290	R290
Weight of refrigerant	kg	0,75	0,9	1,05	1,28
Min. distance from left side	mm	600	600	600	600
Min. distance from right side	mm	600	600	600	600
Min. distance from front side	mm	1000	1000	1000	1000
Min. distance from rear side	mm	300	300	300	300
Min. distance from top side	mm	800	800	800	800

