



KOTLARNICA d.o.o.
 Jugoslovenska 2/13 a, 11250 Beograd
www.kotlarnica.rs

KRAFTWERK R410A EVI HEAT PUMPS

MODEL	K16	K30	K45	K90	K170	
Refrigerant	R410A	R410A	R410A	R410A	R410A	
Power Supply	380~415-3N~/50Hz	380~415-3N~/50Hz	380~415-3N~/50Hz	380~415-3N~/50Hz	380~415-3N~/50Hz	
*HEATING (A7/6°C, W30/35°C)	Capacity (kW)	15.50	30.30	42.00	87.50	168.60
	Input (kW)	3.30	6.70	10.00	19.50	40.00
	COP	4.58	4.52	4.20	4.49	4.22
	Current (A)	5.90	12.00	17.30	34.80	71.00
*HEATING (A7/6°C, W40/45°C)	Capacity (kW)	15.60	30.50	42.10	86.00	
	Input (kW)	4.10	8.20	11.37	23.50	23.50
	COP	3.80	3.72	3.70	3.66	3.66
	Current (A)	7.30	14.60	21.00	42.00	42.00
*HEATING (A7/6°C, W50/55°C)	Capacity (kW)	15.70	31.00	43.00	86.50	172.00
	Input (kW)	5.30	10.70	14.50	29.50	58.00
	COP	2.96	2.90	2.97	2.93	2.97
	Current (A)	9.50	19.10	25.90	52.70	107.00
*COOLING (A35/24°C, W12/7°C)	Capacity (kW)	11.50	20.50	29.50	60.00	113.50
	Input (kW)	4.00	7.50	10.80	21.90	41.40
	COP	2.88	2.73	2.73	2.74	2.74
	Current (A)	7.10	13.40	20.00	39.10	79.10
Energy Label W35°C	A++	A++	A++	A++	A++	
Energy Label W55°C	A+	A+	A+	A+	A+	
Compressor Type	Copeland R410 EVI Scroll	Copeland R410 EVI Scroll	Copeland R410 EVI Scroll	Copeland R410 EVI Scroll	Copeland R410 EVI Scroll	
Compressor Quantity (pcs)	1	2	1	2	4	
Water Flow Rate (m3/h)	2.6	5.2	7.5	15.5	29.6	
Fan Quantity (pcs)	2	2	1	2	3	
Fan Direction	Horizontal	Horizontal	Vertical	Vertical	Vertical	
Noise Level dB(A)	58	65	68	73	77	
Net Dimension (mm)	980 x 420 x 1280	1553 x 605 x 1847	1420 x 850 x 1850	2180 x 1080 x 2160	3000 x 1250 x 2480	
Shipping Dimension (mm)	1030 x 450 x 1400	1603 x 655 x 1947	1480 x 910 x 2000	2360 x 1280 x 2260	3050 x 1300 x 2600	
Advised Running Condition (°C)	- 30 ~ 43 °C	- 30 ~ 43 °C	- 30 ~ 43 °C	- 30 ~ 43 °C	- 30 ~ 43 °C	
Max. Outlet Water Temperature (°C)	65	65	65	65	65	
Controller	PC Controller	PC Controller	PC Controller	PC Controller	PC Controller	
Heat Exchanger	Tube in Shell Heat Exchanger	Tube in Shell Heat Exchanger	Tube in Shell Heat Exchanger	Tube in Shell Heat Exchanger	Tube in Shell Heat Exchanger	
Throttle	TXV + EEV	TXV + EEV	TXV + EEV	TXV + EEV	TXV + EEV	