



Rotary
Compressors

Panasonic



Embrital _____
Hermetic Compressors Distribution in Europe

Panasonic ROTARY COMPRESSORS R134a

Model	Power Source [ph/V/Hz]	Cooling Capacity [W]	COP [W/W]	Displacement [cc/rev]	Weight [Kg]	Outside Diameter / Height [mm]	Accumulator Height / Outside Diameter [mm]	Type
6TS027EAA41	1ph 220-240/50	300	2,34	2,7	3,1	84.0 / 169.0	119.5 / 20.0	Single
6TS035EEA41	1ph 220-240/50	381	2,10	3,5	3,0	84.0 / 169.0	120.1 / 20.0	Single
6TS035AAA41	1ph 220/50	387	2,09	3,5	3,3	84.0 / 174.3	120.1 / 20.0	Single
	50-60Hz	472	2,55					
6TD068EBA41	1ph 220-240/50	690	2,44	6,8	4,0	84.0 / 208.0	135.5 / 20.0	Twin
6SS072EAA41	1ph 220-240/50	795	2,82	7,2	4,8	94.8 / 197.0	133.0 / 20.0	Single
6TD075EAA41	1ph 220-240/50	790	2,36	7,5	4,2	84.0 / 203.0	139.4 / 20.0	Twin
H124C6RECC2	1ph 220-240/50	1.836	4,12	12,4	10,5	110.0 / 277.7	280.7 / 75.0	Single

Panasonic ROTARY COMPRESSOR R410A

Model	Power Source [ph/V/Hz]	Cooling Capacity [W]	COP [W/W]	Displacement [cc/rev]	Weight [Kg]	Outside Diameter / Height [mm]	Accumulator Height / Outside Diameter [mm]	Type
H420D5VBAAP2	3ph 380/50	9.800	2,95	42,0	24,0	142.6 / 412.0	426.0 / 89.1	Twin

Panasonic ROTARY COMPRESSORS R1234yf (R454C*)

Model	Power Source [ph/V/Hz]	Cooling Capacity [W]	COP [W/W]	Displacement [cc/rev]	Weight [Kg]	Outside Diameter / Height [mm]	Accumulator Height / Outside Diameter [mm]	Type
1RS102EAA41	1ph 220-240/50	1.200	2,80	10,2	7,9	110.0 / 252.7	212.7 / 31.75	Single
1RS132EAA41	1ph 220-240/50	1.500	2,94	13,2	9,1	110.0 / 262.7	233.7 / 50.8	Single
1PS192EAA41	1ph 220-240/50	2.150	2,87	19,2	11,5	118.0 / 295.7	267.7 / 54.0	Single
1KS280EAA41	1ph 220-240/50	3.300	3,08	28,0	15,4	132.6 / 338.0	276.4 / 75.0	Single

* Cooling Capacity in R454C = +30% Cooling Capacity in R1234yf

Rated Test Condition:

Condensing Temperature: 54.4°C

Evaporating Temperature: 7.2°C

Liquid Temperature: 46.1°C

Ambient Temperature: 35.0°C

Suction Temperature: 35.0°C

Panasonic INVERTER ROTARY COMPRESSORS R410A

Model	Driver Power Source [ph/V/Hz]	Cooling Capacity [W] @ 60 rps	COP [W/W]	Displacement [cc/rev]	Weight [Kg]	Outside Diameter / Height [mm]	Accumulator Height / Outside Diameter [mm]	Type	Range [rps]
5SS064ZAA21	1ph 220-240/50	1.700	2,71	6,4	5,5	94.8 / 250.0	253.0 / 64.0	Single	15-120
5RD132ZJA21	1ph 220-240/50	3.500	2,73	13,2	10,2	110.0 / 301.7	340.7 / 75.0	Twin	15-120
5RD198ZAA21	1ph 220-240/50	6.000	3,10	19,8	10,0	111.0 / 327.7	351.7 / 75.0	Twin	15-120
5KD240ZCA21	1ph 220-240/50	1.600	3,00	24,0	17,1	132.6 / 365.0	367.0 / 75.0	Twin	15-75
5VD330ZAA21	1ph 220-240/50	10.600	3,18	33,0	20,3	142.6 / 427.0	400.0 / 75.0	Twin	15-110

Rated Test Condition:

Condensing Temperature: 55.0°C

Evaporating Temperature: 7.0°C

Liquid Temperature: 55°C

Ambient Temperature: 35.0°C

Suction Temperature: 18.0°C

Panasonic INVERTER ROTARY COMPRESSORS R32

Model	Driver Power Source [ph/V/Hz]	Cooling Capacity [W] @ 60 rps	COP [W/W]	Displacement [cc/rev]	Weight [Kg]	Outside Diameter / Height [mm]	Accumulator Height / Outside Diameter [mm]	Type	Range [rps]
9RD132ZAA21	1ph 220-240/50	3.900	2,72	13,2	8,9	110.0 / 301.7	340.7 / 75.0	Single	15-120
9RD198ZAC21	1ph 220-240/50	5.950	2,75	19,8	10,0	111.0 / 327.7	351.7 / 75.0	Twin	15-75
9KD240XCA21	1ph 220-240/50	7.100	2,75	24,0	15,5	132.6 / 365.0	367.0 / 75.0	Twin	15-75
9VD330XAB21	1ph 220-240/50	10.000	2,78	33,0	20,3	142.6 / 427.0	400.0 / 75.0	Twin	15-110
9VD420XAA21	1ph 220-240/50	13.150	3,10	42,0	21,7	142.6 / 442.0	400.0 / 75.0	Twin	15-100
9VD420XBA21	3ph 380-420/50	13.200	3,10	42,0	21,7	142.6 / 442.0	400.0 / 75.0	Twin	15-100

Rated Test Condition:

Condensing Temperature: 55.0°C

Evaporating Temperature: 7.0°C

Liquid Temperature: 55.0°C

Ambient Temperature: 35.0°C

Suction Temperature: 15.0°C

Panasonic DC INVERTER ROTARY COMPRESSORS R134a

Model	Driver Power Source [V]	Cooling Capacity [W] @ 60 rps	COP [W/W]	Displacement [cc/rev]	Weight [Kg]	Outside Diameter / Height [mm]	Accumulator Height / Outside Diameter [mm]	Type	Range [rps]
6MS020ZBB41	24V DC	255	2,26	2,0	0,78	56.5 / 97.4	89.5 / 20.0	Single	30-90
6TS035ZAA41	48V DC	471	2,30	3,45	3	84.0 / 177.0	139.5 / 20.0	Single	25-90

Rated Test Condition:

Condensing Temperature: 54.4°C

Evaporating Temperature: 7.2°C

Liquid Temperature: 46.1°C

Ambient Temperature: 35.0°C

Suction Temperature: 35.0°C

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