

2-Way Solenoid Valves Series 110, 200, 240

Normally Closed

Features

- Compact size
- No disassembly necessary for soldering

Standards

- 240 RA 16T11 and 20 are CE marked per PED

Accessories

- Actuation coil and cable assemblies available for various voltages, see 'Coils ESC and Cable Assemblies'



Capacity Data

Type	Nominal Capacity Q_n (kW)									Kv-Value m_3/h	Δp Min Bar
	Liquid										
	R134a	R22	R404A R507	R407C	R450A	R513A	R1234ze	R448A	R449A		
110 RB 2	3.5	3.8	2.5	3.6	3.3	3.1	2.3	3.3	3.2	0.2	0.05
200 RB 3	6.6	7.1	4.6	6.8	6.1	5.8	4.3	6.1	6.0	0.4	
200 RB 4	15.5	16.8	10.9	16.1	14.5	13.8	10.2	14.5	14.2	0.9	
200 RB 6	27.3	29.5	18.9	28.0	25.4	24.2	17.8	25.5	25.0	1.6	
240 RA 8	36.3	39.3	25.2	37.3	33.8	32.2	23.8	34.0	33.3	2.3	
240 RA 9	76.2	82.5	52.9	78.4	71.0	67.7	49.9	71.3	69.8	4.8	
240 RA 12	85.7	92.8	59.5	88.1	79.9	76.1	56	80.2	78.6	5.4	
240 RA 16	139.1	150.5	96.5	142.9	129.5	123.5	91	130.1	127.4	8.8	
240 RA 20	202.6	219.3	140.7	208.3	188.7	179.9	133	189.6	185.7	12.8	

Type	Nominal Capacity Q_n (kW)									Kv-Value m_3/h	Δp Min Bar
	Hot Gas										
	R134a	R22	R404A R507	R407C	R450A	R513A	R1234ze	R448A	R449A		
110 RB 2	1.6	2.0	1.7	2.1	1.4	1.5	1.3	2.0	2.0	0.2	0.05
200 RB 3	3.0	3.7	3.2	3.9	2.9	3.0	2.6	4.0	4.0	0.4	
200 RB 4	7.1	8.8	7.5	9.2	6.5	6.8	5.8	9.1	9.0	0.9	
200 RB 6	12.5	15.4	13.1	16.1	11.6	12.1	10.4	16.2	15.9	1.6	
240 RA 8	16.7	20.5	17.4	21.4	16.6	17.3	14.9	23.2	22.9	2.3	
240 RA 9	35.1	43.1	36.5	44.9	34.7	36.2	31.1	48.5	47.8	4.8	
240 RA 12	39.4	48.4	41.1	50.5	39.0	40.7	35.0	54.5	53.8	5.4	
240 RA 16	64.0	78.5	66.6	81.9	63.5	66.3	57.0	88.9	87.6	8.8	
240 RA 20	93.2	114.4	97.1	119.3	92.4	96.4	82.9	129.3	127.5	12.8	

Type	Nominal Capacity Q_n (kW)									Kv-Value m_3/h	Δp Min Bar
	Suction Gas										
	R134a	R22	R404A R507	R407C	R450A	R513A	R1234ze	R448A	R449A		
240 RA 8	4.2	5.6	4.6	5.2	3.7	4.0	3.4	5.1	5.0	2.3	0.05
240 RA 9	8.8	11.7	9.7	10.9	7.8	8.4	7.1	10.6	10.5	4.8	
240 RA 12	9.9	13.1	10.9	12.3	8.8	9.4	8.0	11.9	11.8	5.4	
240 RA 16	16.0	21.3	17.7	19.9	14.3	15.3	13.1	19.4	19.2	8.8	
240 RA 20	33.0	31.0	25.7	29.0	20.8	22.3	19.0	28.3	27.9	12.8	

Nominal Capacities at +38°C Condensing Temperature, +4°C Evaporating Temperature, Subcooling 1 K, Superheat 0K. 0.15 Bar Pressure Drop Between Valve Inlet and Outlet in Liquid Applications. 1 Bar Pressure Drop for Hot Gas Applications. +18 °C Suction Gas Temperature. Note: See "Controls Navigator" for Selection