

2-Way Solenoid Valves Series 110, 200, 240

Normally Closed

Features

- Compact size
- Snap-on clip for attaching solenoid coils
- No disassembly necessary for soldering

Standards

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

Capacity Data

Type	Nominal Capacity Q_n (kW)													kv-value m ³ /h	Δp min bar
	Liquid					Hot Gas				Suction Gas					
	R134a	R22	R404A R507	R407C	R407F	R134a	R22	R404A R507	R407C	R134a	R22	R507	R407C		
110 RB 2	3.5	3.8	2.5	3.6	4.2	1.6	2.0	1.7	2.1					0.2	0
200 RB 3	6.6	7.1	4.6	6.8	7.9	3.0	3.7	3.2	3.9					0.4	0.05
200 RB 4	15.5	16.8	10.9	16.1	18.8	7.1	8.8	7.5	9.2					0.9	0.05
200 RB 6	27.3	29.5	18.9	28.0	33.0	12.5	15.4	13.1	16.1					1.6	0.05
240 RA 8	36.3	39.3	25.2	37.3	43.9	16.7	20.5	17.4	21.4	4.2	5.6	4.6	5.2	2.3	0.05
240 RA 9	76.2	82.5	52.9	78.4	92.2	35.1	43.1	36.5	44.9	8.8	11.7	9.7	10.9	4.8	0.05
240 RA 12	85.7	92.8	59.5	88.1	103.7	39.4	48.4	41.1	50.5	9.9	13.1	10.9	12.3	5.4	0.05
240 RA 16	139.1	150.5	96.5	142.9	168.2	64.0	78.5	66.6	81.9	16.0	21.3	17.7	19.9	8.8	0.05
240 RA 20	202.6	219.3	140.7	208.3	245.2	93.2	114.4	97.1	119.3	33.0	31.0	25.7	29.0	12.8	0.05

Nominal capacities at +38°C condensing temperature, +4°C evaporating temperature, 0.15 bar pressure drop between valve inlet and outlet in liquid applications (for hot gas applications 1 bar pressure drop and +18 °C suction gas temperature); subcooling 1 K. Correction tables for other operating conditions see page 227

Selection Guide

Type	Part No.	Connection Solder / ODF	
		mm	Inch
110 RB 2	T2	801 217	6
	T2	801 210	1/4
	T3	801 209	10
200 RB 3	T3	801 239	10
200 RB 4	T3	801 176	10
	T3	801 190	3/8
	T4	801 178	12
	T4	801 179	1/2
200 RB 6	T4	801 182	12
	T4	801 183	1/2
	T5	801 186	16
240 RA 8	T5	801 160	5/8
	T7	801 143	7/8
240 RA 9	T5	801 161	5/8
	T7	801 162	7/8
	T9	801 142	1-1/8
240 RA 12	T9	801 163	7/8
	T11	801 144	1-1/8
240 RA 16	T9	801 164	1-1/8
	T11	801 166	35
240 RA 20	T11-M	801 172	35
	T13-M	801 224	42
	T13-M	801 173	1-5/8
	T17-M	801 174	54

Special Versions:

- Manual stems available upon request for Series 240 RA 8 to 240 RA 16 (Type M).

Manual stems standard on Series 240 RA 20.

Options:

- Actuation coils available for various voltages. see page 221

