

## 2-way solenoid valves series 200 RH for high pressure applications, normally closed

### Features

- Compact size
- Media temperature range -40 ... +120 °C
- No disassembly necessary for soldering
- Extended copper tubes for easy installation
- No disassembly necessary for brazing
- IP 65 solenoid coil and cable assembly
- One coil fits to all sizes and valve series
- Max. allowable pressure PS: 60 bar



### Accessories

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

### Capacity data

| Type     | Nominal Capacity Q <sub>n</sub> (kW) |      |       |      |       |         |      |       |      |       | Kv-Value (m <sup>3</sup> /h) | Δp Min (bar) |
|----------|--------------------------------------|------|-------|------|-------|---------|------|-------|------|-------|------------------------------|--------------|
|          | Liquid                               |      |       |      |       | Hot Gas |      |       |      |       |                              |              |
|          | R410A                                | R744 | R452B | R32  | R454B | R410A   | R744 | R452B | R32  | R454B |                              |              |
| 200 RH 3 | 6.6                                  | 8.1  | 7.6   | 9.7  | 7.7   | 4.9     | 7.2  | 5.1   | 5.9  | 5.1   | 0.4                          | 0.05         |
| 200 RH 4 | 15.7                                 | 19.1 | 18    | 23   | 18.2  | 11.0    | 16.1 | 11.4  | 13.4 | 11.4  | 0.9                          |              |
| 200 RH 6 | 27.5                                 | 33.6 | 31.7  | 40.3 | 31.9  | 19.5    | 28.7 | 20.3  | 23.8 | 20.3  | 1.6                          |              |

**Note 1:** R410A/R452B/R32/R454B: Nominal capacities at +38°C condensing temperature, +4°C evaporating temperature, subcooling 1 K  
0.15 bar pressure drop between valve inlet and outlet in liquid applications.  
1 bar pressure drop for hot gas applications

**Note 2:** R744: Nominal capacities at +10°C condensing temperature, -10°C evaporating temperature, subcooling 1 K  
0.15 bar pressure drop between valve inlet and outlet in liquid applications.  
1 bar pressure drop for hot gas applications

**Note 3:** For selection of other operating condition, please use Copeland Select software.

### Selection table

| Type     | Part No. | Connection Solder / ODF |              |
|----------|----------|-------------------------|--------------|
|          |          | mm                      | Inch         |
| 200 RH 3 | T3       | 802 070                 | 10 mm / 3/8" |
| 200 RH 4 | T3       | 802 071                 | 10 mm / 3/8" |
|          | T3       | 802 072                 | 10 mm / 3/8" |
|          | T4       | 802 073                 | 12 mm / 1/2" |
|          | T4       | 802 074                 | 12 mm / 1/2" |
| 200 RH 6 | T4       | 802 075                 | 12 mm / 1/2" |
|          | T4       | 802 076                 | 12 mm / 1/2" |
|          | T5       | 802 077                 | 16 mm / 5/8" |

Options:

- Actuation coils available for various voltages, see 'Coils ESC and Cable Assemblies'