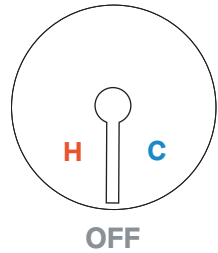
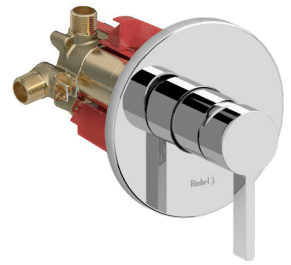




### PRESSURE BALANCE - 1 FUNCTION

#### R51

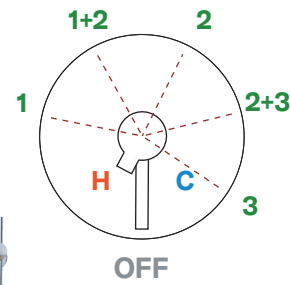
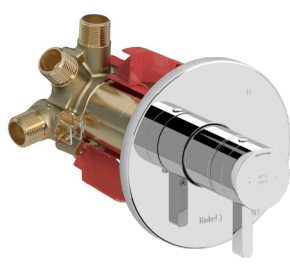
- 5.8 GPM
- Temperature and volume control
- Recommended inlet connections: 1/2" NPT, PEX (SPEX), Expansion Pex (EX)
- Must add valve trim TXX51



### 1/2" THERM / PRESSURE BALANCE - 5 FUNCTIONS

#### R45

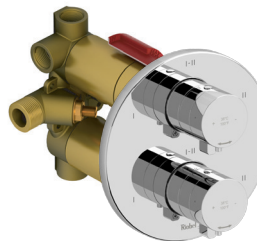
- 6.3 GPM
- Temperature with diverter and volume control
- RioWise™ technology
- Recommended inlet connections: 1/2" NPT, PEX (SPEX), Expansion Pex (EX)
- Must add valve trim TXX45



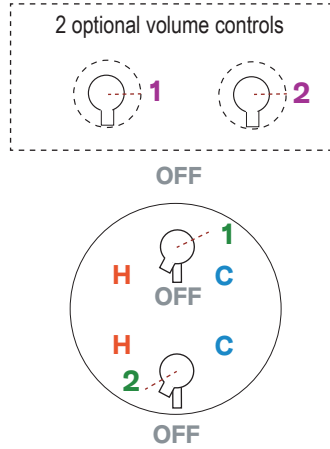
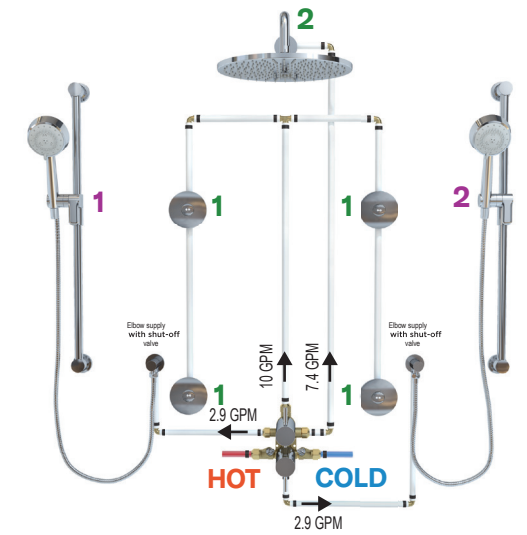
### 3/4" THERM / PRESSURE BALANCE - MULTI FUNCTION

#### R83

- 20 GPM max, see diagram for details
- 2 temperature and 2 volume controls; also supports 2 optional volume controls
- Recommended inlet connection: 3/4" NPT
- Must order complete



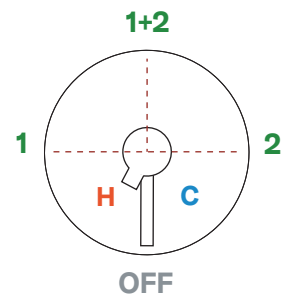
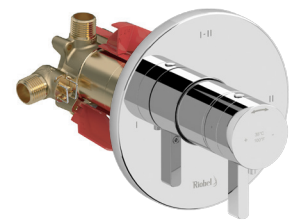
FLOW RATES:  
 1 : 10 GPM  
 2 : 7.4 GPM  
 1 : 2.9 GPM  
 2 : 2.9 GPM



### 1/2" THERM / PRESSURE BALANCE - 3 FUNCTIONS

#### R23

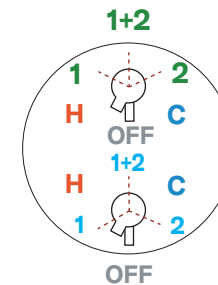
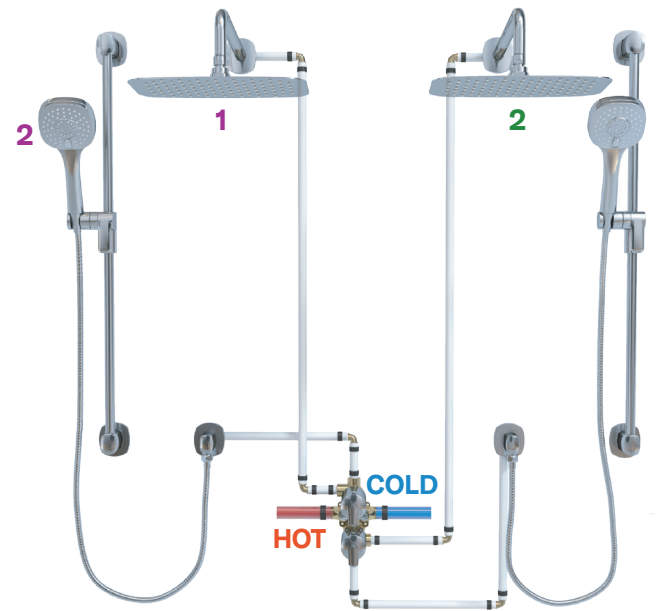
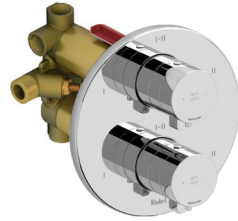
- 6.3 GPM
- Temperature with diverter and volume control
- RioWise™ technology
- Recommended inlet connections: 1/2" NPT, PEX (SPEX), Expansion Pex (EX)
- Must add valve trim TXX23



### 3/4" THERM / PRESSURE BALANCE - MULTI FUNCTION

#### R46

- 10 GPM
- 2 temperature and diverters with volume controls
- RioWise™ technology
- Recommended inlet connection: 3/4" NPT
- Must add valve trim TXX46



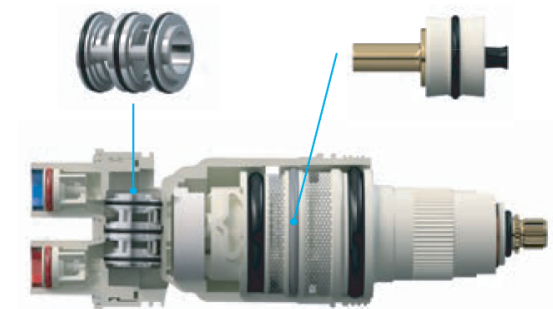
## RIOWISE™ VALVE TECHNOLOGY

Designed by a Plumber, for a Plumber

RioWise™ Valve Technology offers the best of both pressure balance and thermostatic systems by stabilizing water pressure for steady temperature performance, even in the event of a 50% drop in pressure.

Balancing spool:  
Stabilizes water pressure

Temperature sensor:  
For steady temperature performance

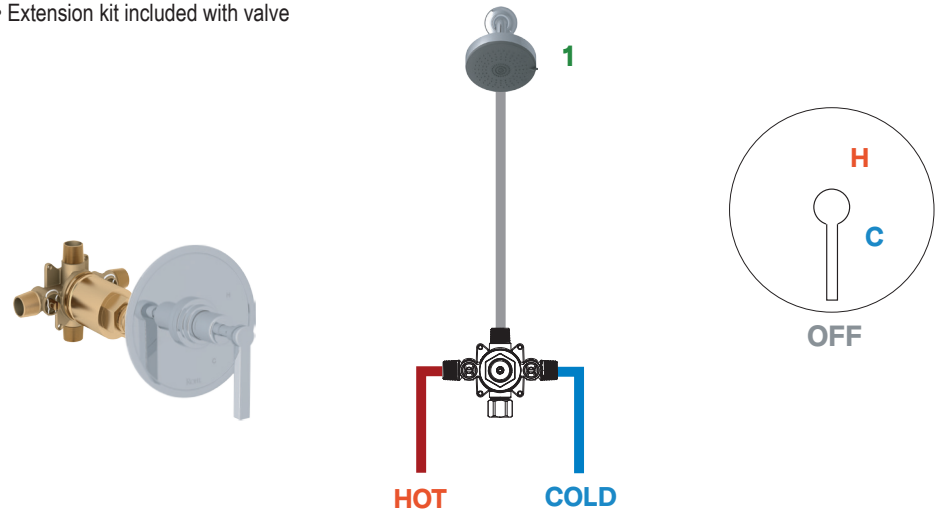


Cartridge

1/2" PRESSURE BALANCE - 1 FUNCTION

**RCT-1**

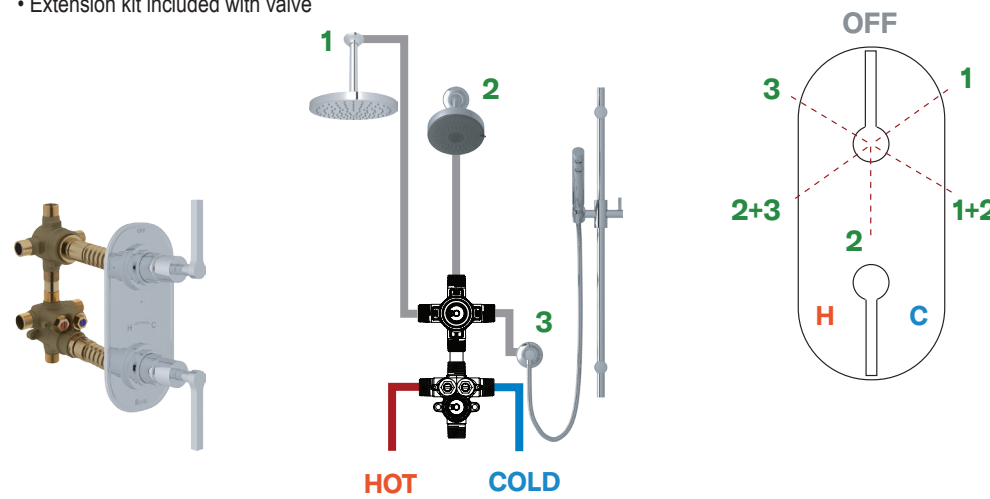
- 6 GPM
- Temperature control only
- Recommended inlet connection: 1/2" NPT
- Extension kit included with valve



1/2" THERMOSTATIC ROUGH VALVE - 5 FUNCTIONS

**R1055BD**

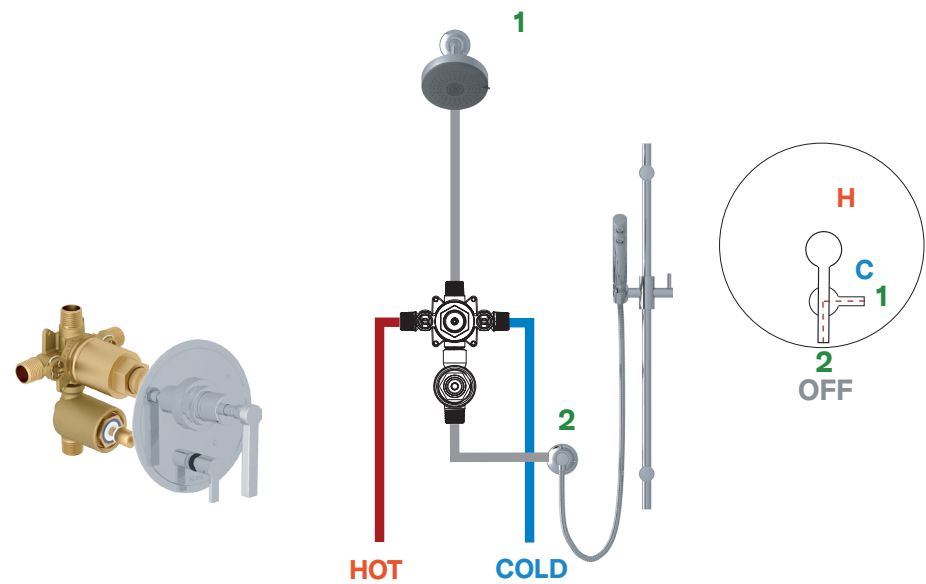
- 5 GPM
- Temperature control and diverter
- Recommended inlet connection: 1/2" NPT
- Extension kit included with valve



1/2" PRESSURE BALANCE - 2 FUNCTIONS

**RDD-2**

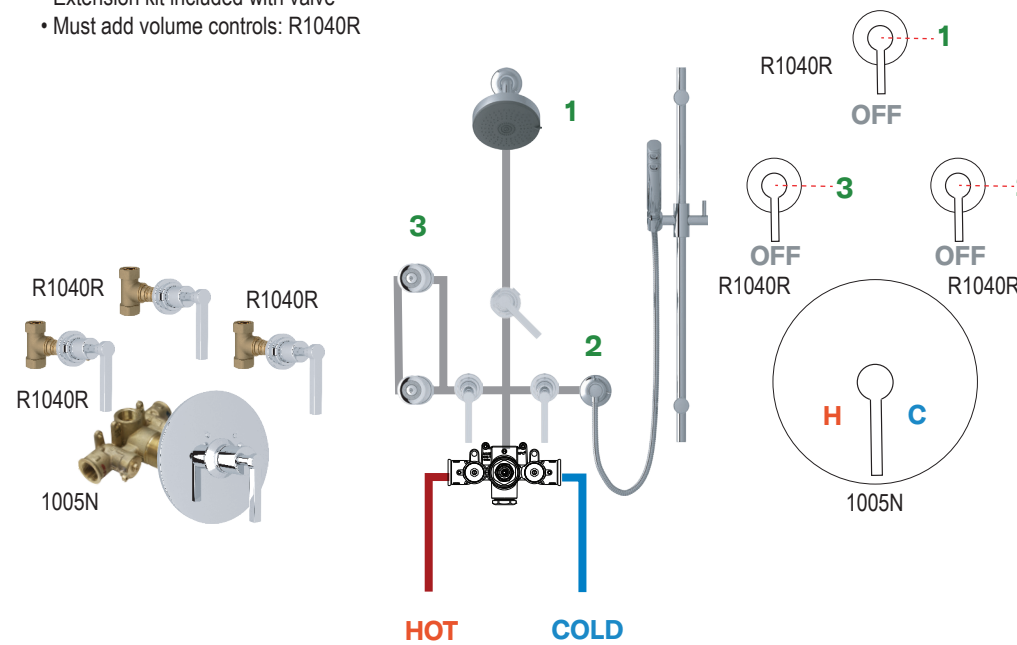
- 5.5 GPM
- Temperature control and diverter
- Recommended inlet connection: 1/2" NPT
- Extension kit included with valve



3/4" THERMOSTATIC ROUGH VALVE - MULTI FUNCTION

**1005N**

- 12 GPM
- Temperature control only
- Recommended inlet connection: 3/4" NPT
- Extension kit included with valve
- Must add volume controls: R1040R



RL070  
HOUSE OF ROHL

ROHL

PERRIN & ROWE  
MAYFAIR LONDON

Riobel

# SHOWER VALVES QUICK GUIDE