



5-year warranty

## Type overview

Type	DN
Z2050QTPF-F	15

## Technical data

Functional data	Valve size [mm]	0.5" [15]
	Fluid	chilled or hot water, up to 60% glycol
	Fluid Temp Range (water)	36...212°F [2...100°C]
	Body Pressure Rating	250 psi CWP
	Close-off pressure Δps	200 psi
	Flow characteristic	equal percentage
	Pipe connection	Press fit
	Servicing	maintenance-free
	Flow Pattern	2-way
	Leakage rate	0%
	Controllable flow range	75°
Materials	Valve body	forged brass
	Spindle	stainless steel
	Seat	PTFE
	Characterized disc	incorporated into the ball
	Diaphragm	EPDM
	O-ring	EPDM
	Ball	stainless steel
Suitable actuators	Non-Spring	CQB
	Electrical fail-safe	CQKB(X)

## Safety notes



- WARNING: This product can expose you to lead which is known to the State of California to cause cancer and reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)
- If temperature exceeds 212°F operating range due to a boiler control failure the valve will safely contain the hot water but manufacturers product warranty becomes invalid. Valve and actuator replacement is at the expense of others.

## Product features

- Application** The PIQCV zone valves with its pressure independent technology are suited for large commercial buildings where higher close-off and dynamic balancing is required. Common applications include unit ventilators, fan coil units, VAV reheat coils, fin tube casing, radiant panels and duct coils. The valve fits in space restricted areas and can be assembled without the use of tools.

**Dimensions**
**Type**

Z2050QTPF-F

**DN**

15

