

Technical Data

Ratings, Pressure Reducing Valve:
Max. Inlet Pressure: 250 psi
Adjustment Range: 10-50 psi
Factory Preset: 12 psi
Max. Fluid Temperature: 180° F

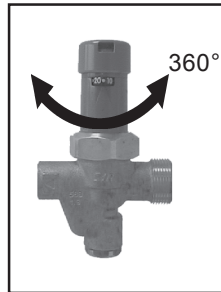
Materials of Construction:
Body: Bronze
Internal Parts: Stainless Steel and
Engineered Plastics

Ratings, By-Pass Relief Valve:
Max. Inlet Pressure: 250 psi
Factory Preset: 30 psi
Max. Fluid Temperature: 180° F

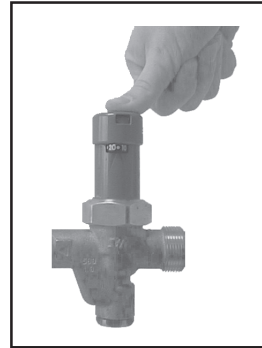
Materials of Construction:
Body: G-CuSn5ZnPb-DIN 50930-6
Internal Parts: Corrosion resistant steel,
Brass and EPDM diaphragm

Installation

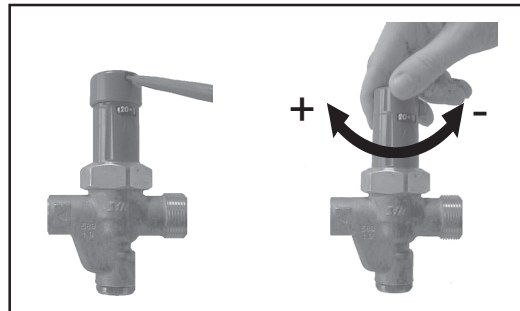
1. Install the valve in the direction of flow as indicated by the arrows on the body. The valve can be installed in any orientation. The cartridge body rotates 360° so that the pressure setting indicator can always be seen.
2. If replacing an existing valve connected by a union nut, remove the plastic thread protector on the inlet of this valve and connect directly to the existing union nut. It is recommended to replace the old union nut gasket.



3. This valve is equipped with a fast-fill feature that can be used to override normal operation when filling and purging the system. To activate fast-fill, push and hold down the fast-fill knob on the top of the cartridge.



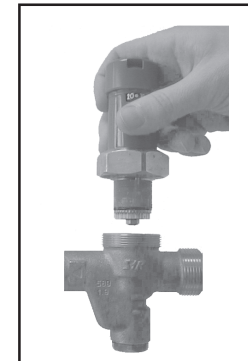
4. To set the outlet pressure remove the fast fill knob. This can be done by placing a screw driver in the slot directly beneath the fast-fill cap and popping off the cap. Loosen the brass screw. Turn the knob counterclockwise (-) to decrease the pressure, clockwise (+) to increase the pressure. Continue to turn until indicator arrow points at desired pressure. Re-tighten the brass screw. The valve is factory preset to deliver reduced pressure of 12 psi under normal operating conditions. During initial cold startup reduced pressure will be slightly higher.



5. If using the pressure reducing valve in combination with the by-pass relief valve remove the brass nut in the bottom of the reducing valve. Screw the by-pass relief valve into the bottom of the reducing valve. Follow steps 1-3 to install the dual unit. Dual unit may be installed in any orientation. Once installed rotate the plastic spout so it is facing down.

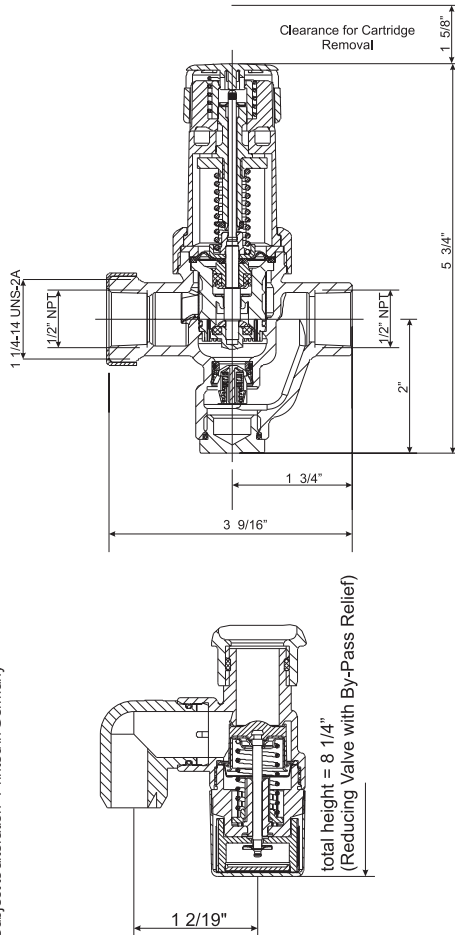
Maintenance

If the valve needs to be serviced for any reason, close the isolation valve upstream. Unscrew the cartridge by loosening the brass nut. The cartridge can be removed under pressure. There is no need to drain the system down to 0 psi.



Note:
Relief valve is designed for use as a secondary relief and only in combination with the Taco pressure reducing valve, not intended as a stand alone safety relief valve. Refer to local plumbing codes.

Dimensions



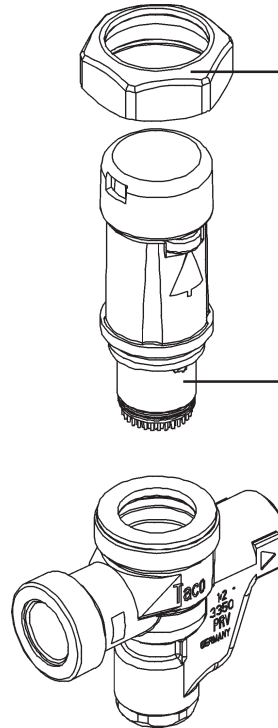
Subject to alteration - Printed in Germany

WARNING

Instructions for installation must be followed. The installation and maintenance work must be done by appropriately trained personnel.

Protect the units against frost, chemicals, dyes, solvents and vapours. Only use cold water for any cleaning work, see technical data.

Replacement Parts



Cartridge
Assembly
Part.No.:
3350-004 RP

Do it Once. Do it Right.

Taco, Inc.
1160 Cranston Street
Cranston, RI 02920
Tel: (401) 942-8000
Fax: (401) 942-2360

TACO (Canada), Ltd.
6180 Ordan Drive
Mississauga,
Ontario L5T 2B3
Tel: (905) 564-9422
Fax: (905) 564-9436

Visit our web site at: <http://www.taco-hvac.com>



Instruction Sheet



Cartridge Pressure Reducing Valve with Optional By-Pass Relief

102-107