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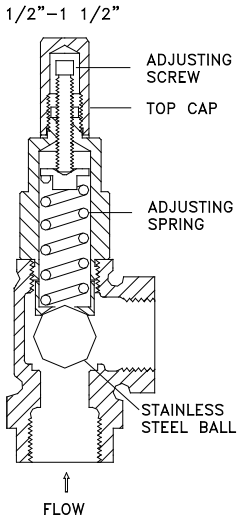
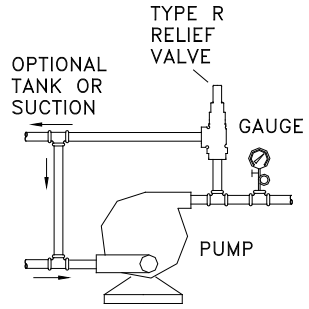
R-SERIES
RELIEF VALVE

INSTALLATION & OPERATING INSTRUCTIONS

Before installing relief valve, blow out pipe line to remove dirt, pipe scale and sediment. The Series R valve should be installed in an upright, vertical position (inlet to bottom). To adjust 'set pressure' of valve remove top cap, loosen brass lock nut and adjust pressure by turning steel set screw. Turn screw clockwise to increase the compression on the spring and increase the set pressure within the limits of the spring range. Reversing the set screw lowers the 'set pressure'. Tighten the lock nut and replace top cap and gasket when desired set pressure is reached.



MAXIMUM OPERATING PRESSURE AND TEMPERATURE: 300 PSIG @ 180°F
CAUTION: The R-Series should not be used as an emergency relief valve.



TYPE 'R' TYPICAL INSTALLATION

Applications:
Water Pump Bypass
- Irrigation
- Sprinkler Systems on Golf Courses
- Fountains
- Fire Protection System

Fuel Oil Pumps
- Bypass on Commercial Systems or Large Residential Systems

SERIES 'R' RELIEF PRESSURE SPRING RANGES

Psig	Spring #/Color Code
1 to 6	4/black (1/2"-1 1/2")
5 to 35	3/silver
25 to 100	2/blue
75 to 300	1/red

2228600 Rev A
C.V.-3794 2/4/16

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