

SPECIFICATION SHEET MODEL RPTK1



Reduced Pressure Assembly Test Kit



Features

- Gauge can be calibrated by local independent laboratories for convenience to the user and greater accuracy during testing.
- Color coded hoses and controls for ease of testing.
- Needle valves for easy removal of air.
- Convenient hand held gauge for ease of testing.
- Removable hoses for ease of draining to prevent freezing and facilitate reverse flushing of hoses.
- Includes calibration report.

Operation

The Febco Model RPTK1 Test Kit is designed to provide an easy and accurate test for backflow prevention assemblies. The compact kit includes the gauge assembly, hoses, adapters, and laminated instructions in an impact resistant portable case. Designed for either hand-held testing or use while suspended from a support strap. The test kit accurately tests the check valve differential pressure and relief valve opening point, indicating fouled check valves or similar problems that can not be detected by visual inspection of a backflow prevention assembly.

Specifications

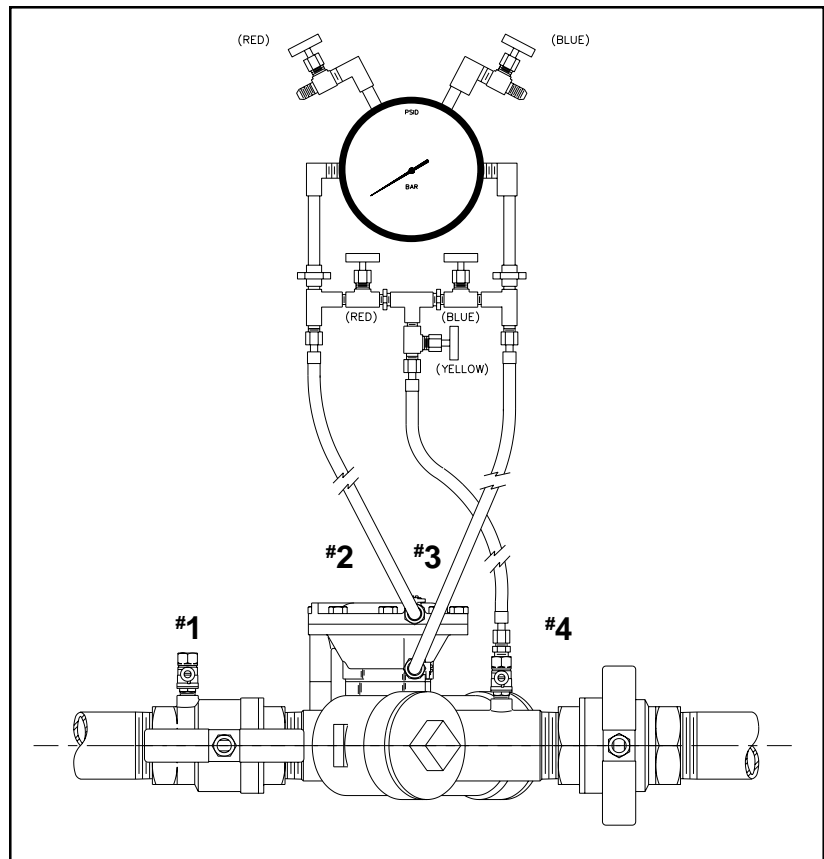
The Model RPTK1 Backflow Prevention Test Kit shall consist of differential pressure gauge assembly, three hoses, adapters, and laminated instructions in an impact resistant case. The gauge assembly shall consist of three control needle valves, with all connecting brass pipe, and brass fittings. The assembly shall include three detachable, color-coded hoses with swivel couplings. The assemblies shall be completely color coded to distinguish high pressure, low pressure, and vent areas. The gauge shall have a maximum working pressure of 500 psi. The gauge shall have a 4 inch face with scales of 0-15 psid and 0-1 bar. The psid scale is graduated in 0.2 pound increments and the metric scale is graduated in .2 bar. The gauge shall be calibratable by local independent laboratories. Gauge housing and movements shall be brass.

Typical Applications

The Model RPTK1 Test Kit can be used to perform test procedures on backflow prevention assemblies as required by local codes. This kit can be used to perform test procedures established by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California as published in the USC Cross Connection Control Manual, latest edition, and by ASSE professional qualification standard - Backflow Prevention Assemblies Series 5000.

Characteristics and Materials

Maximum working pressure	500 PSI
Weight	10 1/2 lbs.
Gauge	Differential pressure sensing gauge using a spring based diaphragm, 4 inch diameter face dual scale, 0-15 psid (0-1 bar), $\pm 1.5\%$ accuracy full scale. 0.2 psid increments or .02 bar increments
Test Valves	(3) needle valves w/ color coding (red-high pressure, blue-low pressure, yellow - vent). (2) bleed valves
Hoses	(3) 72" hoses with female threaded swivel couplings.
Adapters	(Brass adapters and bushings in plastic containers) (4) 1/8" x 1/4" flare adapters (4) 1/4" x 1/4" flare adapters (4) 1/2" x 1/4" bushing (4) 3/4" x 1/4" bushing
Miscellaneous	Molded plastic case w/foam inserts. (1) 10" rubber support strap. One roll of teflon tape. One laminated testing and trouble shooting guide. Test Certificate



(Drawing of testing gauge and hoses attached to 3/4" 825Y-BV Reduced Pressure Backflow Preventer.)

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BACKFLOW PREVENTION