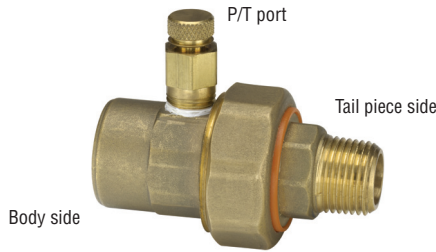
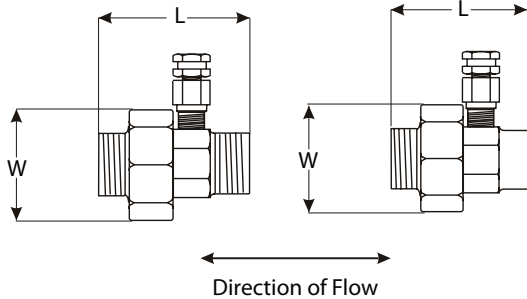


Union Valve Integrated Union / Readout Port



Technical Data

Service	chilled or hot water, 60% glycol
Sizes	½", ¾", 1", 1¼", 1½", 2"
Materials:	
Body	forged brass
Nut	forged brass
Tailpiece	forged brass
Gasket	EPDM
Insulator	glass reinforced nylon (dielectric)
Readout port body & cap	extruded brass
Readout port seal	Nordel
Media temp. range	0°F to 212°F [-18°C to +100°C]



Dimensions

Valve Nominal Size		Dimensions Inches [mm]	
Inches	DN [mm]	W	L
½"	[12.70]	1.57" [39.88]	2.65" [67.31]
¾"	[19.05]	1.77" [44.96]	2.75" [69.85]
1"	[25.40]	2.13" [54.10]	2.97" [75.44]
1¼"	[31.75]	2.63" [66.80]	3.18" [80.77]
1½"	[38.10]	2.91" [73.91]	3.34" [84.84]
2"	[50.80]	3.60" [91.44]	3.38" [85.85]

Application

The integrated Union with readout port combines the features of a dielectric union, reducer/adaptor fittings and pressure/temperature readout port into a single unit.

This greatly simplifies the Contractor's job by eliminating numerous piping connections, thus saving time, money, and potential leak points. The Union is available with female NPT, male NPT or copper sweat connections, making tough piping jobs a snap.

Connection Availability

Body end	female NPT ½" thru 2" male NPT ½" thru 2" copper SWT ½" thru 2"
Tailpiece end	male NPT ½" thru 2"
Body end with one size reduction	female NPT ¾" thru 2" male NPT ¾" thru 2" copper SWT ¾" thru 2"
Body end with two size reductions	female NPT 1" thru 2" male NPT 1" thru 2" copper SWT 1" thru 2"

Part Number

PPU111	½" female NPT with P/T port
PPU121	½" sweat with P/T port
PPU131	½" male NPT with P/T port
PPU211	¾" female NPT with P/T port
PPU221	¾" sweat with P/T port
PPU231	¾" male NPT with P/T port
PPU311	1" female NPT with P/T port
PPU321	1" sweat with P/T port
PPU331	1" male NPT with P/T port
PPU411	1" to ¾" female NPT with P/T port
PPU421	1" to ¾" sweat with P/T port
PPU431	1" to ¾" male NPT with P/T port
PPU511	¾" to ½" female NPT with P/T port
PPU521	¾" to ½" sweat with P/T port
PPU531	¾" to ½" male NPT with P/T port

Note: All reductions are on the tail piece side.

Only standard sizes are shown, consult factory for sizes 1¼" to 2" inch sizes.