8020E

Purge & Fill Valve

Feature

Twin purge design
Used to fill, drain and refill any closed loop system
400# WOG
DZR brass body
Full port design
Chrome plated ball
(2) High flow hose drains with cap and chain

Adjustable packing gland PEX ASTM F1960 connections

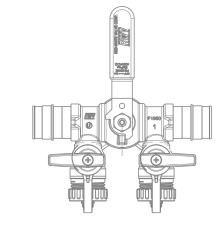
Virgin PTFE seats Blow-out proof stem

Working conditions:

Water: from 15°F to 260°F

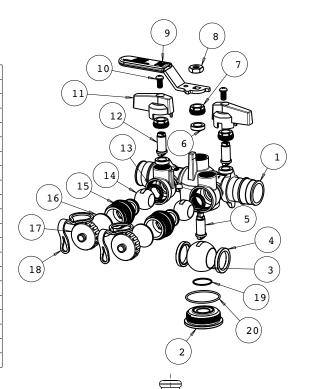
below $32^{\circ}F$ only for water with added antifreezing fluids over $212^{\circ}F$ only for water with added anti-boiling fluids





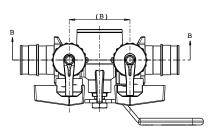
Material

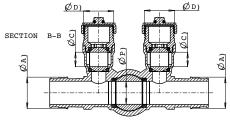
| 1 Body DZR Lead Free Brass ASTM B30 C87850 2 Ring nut DZR Lead Free Brass ASTM B927 C27453 3 Ball DZR LF Brass / Cr plated ASTM B927 C27453 4 Seat PTFE - 5 Stem DZR Brass ASTM B927 C27453 6 Packing ring PTFE - 7 Packing nut Brass ASTM B124 C37700 8 Nut Steel / Zn plated ASTM A36 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap Brass ASTM B283 C37700 18 Tie Rubber< | | 1 | | | | | | |
|--|----|------------------|------------------------------------|------------------|--|--|--|--|
| 2 Ring nut DZR Lead Free Brass ASTM B927 C27453 3 Ball DZR LF Brass / Cr plated ASTM B927 C27453 4 Seat PTFE - 5 Stem DZR Brass ASTM B927 C27453 6 Packing ring PTFE - 7 Packing nut Brass ASTM B124 C37700 8 Nut Steel / Zn plated ASTM A36 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber | | Part | Material | Specification | | | | |
| 3 Ball DZR LF Brass / Cr plated ASTM B927 C27453 4 Seat PTFE - 5 Stem DZR Brass ASTM B927 C27453 6 Packing ring PTFE - 7 Packing nut Brass ASTM B124 C37700 8 Nut Steel / Zn plated ASTM A36 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NS | 1 | Body | DZR Lead Free Brass | ASTM B30 C87850 | | | | |
| 4 Seat PTFE - 5 Stem DZR Brass ASTM B927 C27453 6 Packing ring PTFE - 7 Packing nut Brass ASTM B124 C37700 8 Nut Steel / Zn plated ASTM A36 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 2 | Ring nut | DZR Lead Free Brass ASTM B927 C274 | | | | | |
| 5 Stem DZR Brass ASTM B927 C27453 6 Packing ring PTFE - 7 Packing nut Brass ASTM B124 C37700 8 Nut Steel / Zn plated ASTM A36 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 3 | Ball | DZR LF Brass / Cr plated | ASTM B927 C27453 | | | | |
| 6 Packing ring PTFE - 7 Packing nut Brass ASTM B124 C37700 8 Nut Steel / Zn plated ASTM A36 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 4 | Seat | PTFE | - | | | | |
| 7 Packing nut Brass ASTM B124 C37700 8 Nut Steel / Zn plated ASTM A36 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 5 | Stem | DZR Brass | ASTM B927 C27453 | | | | |
| 8 Nut Steel / Zn plated ASTM A36 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 6 | Packing ring | PTFE | - | | | | |
| 9 Handle Steel / Dacromet® plated ASTM A36 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 7 | Packing nut | Brass | ASTM B124 C37700 | | | | |
| 10 Screw Steel / Zn plated ASTM A36 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE ASTM B927 C27453 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 8 | Nut | Steel / Zn plated | ASTM A36 | | | | |
| 11 Handle Aluminum ASTM B85 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 9 | Handle | Steel / Dacromet® plated | ASTM A36 | | | | |
| 12 Stem DZR Lead Free Brass ASTM B927 C27453 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 10 | Screw | Steel / Zn plated | ASTM A36 | | | | |
| 13 Seat PTFE - 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 11 | Handle | Aluminum | ASTM B85 | | | | |
| 14 Ball DZR LF Brass / Cr plated ASTM B927 C27453 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 12 | Stem | DZR Lead Free Brass | ASTM B927 C27453 | | | | |
| 15 Fixed end DZR Lead Free Brass ASTM B927 C27453 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 13 | Seat | PTFE | - | | | | |
| 16 Drain cap gasket EPDM Perox NSF approved 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 14 | Ball | DZR LF Brass / Cr plated | ASTM B927 C27453 | | | | |
| 17 Drain cap Brass ASTM B283 C37700 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 15 | Fixed end | DZR Lead Free Brass | ASTM B927 C27453 | | | | |
| 18 Tie Rubber - 19 O-ring EPDM Perox 70SH NSF approved | 16 | Drain cap gasket | EPDM Perox | NSF approved | | | | |
| 19 O-ring EPDM Perox 70SH NSF approved | 17 | Drain cap | Brass | ASTM B283 C37700 | | | | |
| The state of the s | 18 | Tie | Rubber | - | | | | |
| 20 O miner EDDM Devent 70011 NCE approved | 19 | O-ring | EPDM Perox 70SH | NSF approved | | | | |
| 20 0-ring | 20 | O-ring | EPDM Perox 70SH | NSF approved | | | | |

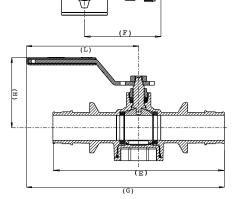


Dimension, Weight

| Size | φA [in] | B [in] | φC [in] | D [in] | E [in] | F [in] | G [in] | H [in] | L [in] | φP [in] | Wt. [lb] |
|------|------------|---------------|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------|-------------|
| 3/4" | PEX F1960 | 1.80 | 0.50 | ¾-11.5NH | 4.72 | 2.62 | 5.96 | 2.12 | 3.60 | 0.60 | 1.57 |
| 1" | PEX F1960 | 2.11 | 0.50 | ¾-11.5NH | 5.51 | 2.62 | 6.36 | 2.26 | 3.60 | 0.80 | 1.86 |









WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.