# **RWV Hydronic Controls**

# 92UDT-92UDS-92UDP

DZR Brass Union Ball Valve with Drain

#### Feature

DZR brass union ball valve with drain Blow-out proof stem Adjustable packing nut Full port MSS-SP-110 Blow down valve with capped <sup>3</sup>/<sub>4</sub>" hose end Provided with 1 test point installed Additional <sup>1</sup>/<sub>4</sub>" port tapped

#### Available in:

- Fig. 92UDT FNPT end (ASME B1.20.1 NPT) with union end FNPT tailpiece standard, MNPT, Solder, Press and PEX (F1960) tailpiece options available
- Fig. 92UDS Solder end (ASME B16.22) with union end Solder tailpiece standard, FNPT, MNPT, Press and PEX (F1960) tailpiece options available
- Fig. 92UDP Press end with union end Press tailpiece standard, FNPT, MNPT, Solder and PEX (F1960) tailpiece options available

600WOG @ 160°F

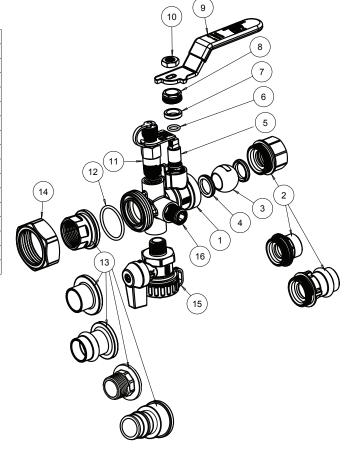
## Working conditions:

Water: from 15°F to 260°F

below 32°F only for water with added antifreezing fluids over 212°F only for water with added anti-boiling fluids

### Material

|    | Part         | Material            | Specification    |
|----|--------------|---------------------|------------------|
| 1  | Body         | DZR Brass           | UNS C35330       |
| 2  | Fixed-end    | DZR Brass           | UNS C35330       |
| 3  | Ball         | DZR Brass/Cr plated | UNS C35330       |
| 4  | Seat         | PTFE                | -                |
| 5  | Stem         | DZR Brass           | UNS C35330       |
| 6  | O-ring       | EPDM Perox          | -                |
| 7  | Packing ring | PTFE                | -                |
| 8  | Packing nut  | Brass               | ASTM B124 C37700 |
| 9  | Handle       | Steel / Dc plated   | ASTM A36         |
| 10 | Nut          | Steel / Zn plated   | ASTM A36         |
| 11 | Pressure tap | DZR Brass           | UNS C35330       |
| 12 | O-ring       | EPDM Perox          | -                |
| 13 | Tailpiece    | DZR Brass           | UNS C35330       |
| 14 | Union Nut    | Brass               | ASTM B283 C37700 |
| 15 | Ball         | DZR Brass           | UNS C35330       |
| 16 | Plug ¼"      | DZR Brass           | UNS C35330       |



DZR

Dezincification Resistant



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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.

#### 92UDT-92UDS-92U P

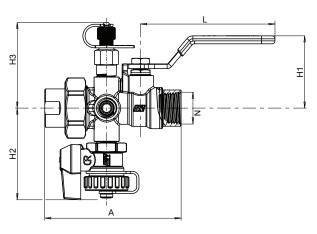
DZR Brass Union Ball Valve with Drain

### Dimension, Cv, Weight

# 92UDT-FF

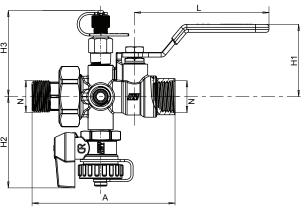
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| Size  | N                        | Α    | L    | H1   | H2   | H3   | Cv   | Weight |
|-------|--------------------------|------|------|------|------|------|------|--------|
|       | [in]                     | [in] | [in] | [in] | [in] | [in] |      | [lb]   |
| 1⁄2"  | 1⁄2 - 14 NPT             | 3.64 | 3.58 | 1.93 | 0.94 | 2.28 | 10.4 | 1.16   |
| 3⁄4"  | <sup>3</sup> ⁄4 - 14 NPT | 3.91 | 3.58 | 2.07 | 1.10 | 2.40 | 24.4 | 1.44   |
| 1"    | 1 - 11.5 NPT             | 4.46 | 4.96 | 2.36 | 1.22 | 2.48 | 51.7 | 2.00   |
| 11⁄4" | 1¼ - 11.5 NPT            | 4.85 | 4.96 | 2.60 | 1.57 | 2.68 | 96.8 | 2.78   |
| 11⁄2" | 1½ - 11.5 NPT            | 5.44 | 5.55 | 2.87 | 1.85 | 2.79 | 104  | 4.01   |
| 2"    | 2 - 11.5 NPT             | 7.20 | 5.55 | 3.25 | 1.85 | 3.00 | 332  | 5.74   |



# 92UDT-FM

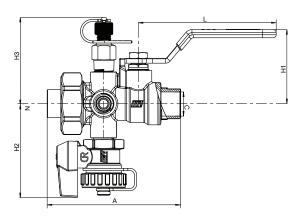
| Size | N             | Α    | L    | H1   | H2   | H3   | Cv   | Weight |
|------|---------------|------|------|------|------|------|------|--------|
|      | [in]          | [in] | [in] | [in] | [in] | [in] |      | [lb]   |
| 1⁄2" | 1⁄2 - 14 NPT  | 3.98 | 3.58 | 1.93 | 0.94 | 2.28 | 10.4 | 1.12   |
| 3⁄4" | ¾ - 14 NPT    | 4.14 | 3.58 | 2.07 | 1.10 | 2.40 | 24.4 | 1.32   |
| 1"   | 1 - 11.5 NPT  | 4.92 | 4.96 | 2.36 | 1.22 | 2.48 | 51.7 | 1.89   |
| 1¼"  | 1¼ - 11.5 NPT | 5.13 | 4.96 | 2.60 | 1.57 | 2.68 | 96.8 | 2.80   |
| 1½"  | 1½ - 11.5 NPT | 6.55 | 5.55 | 2.87 | 1.85 | 2.79 | 104  | 4.09   |
| 2"   | 2 - 11.5 NPT  | 7.30 | 5.55 | 3.25 | 1.85 | 3.00 | 332  | 5.21   |



le tailpiece can be downsized. Call for ava

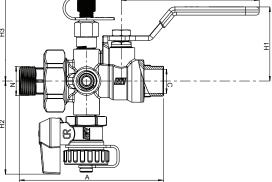
# 92UDS-SS

| Size  | С           | Α    | L    | H1   | H2   | H3   | Cv   | Weight |
|-------|-------------|------|------|------|------|------|------|--------|
|       | [in]        | [in] | [in] | [in] | [in] | [in] |      | [lb]   |
| 1⁄2"  | 0.627-0.631 | 3.49 | 3.58 | 1.93 | 0.94 | 2.28 | 10.4 | 1.07   |
| 3⁄4"  | 0.877-0.881 | 4.16 | 3.58 | 2.07 | 1.10 | 2.40 | 24.4 | 1.32   |
| 1"    | 1.128-1.131 | 4.95 | 4.96 | 2.36 | 1.22 | 2.48 | 51.7 | 1.86   |
| 1¼"   | 1.378-1.381 | 5.41 | 4.96 | 2.60 | 1.57 | 2.68 | 96.8 | 2.62   |
| 11⁄2" | 1.628-1.632 | 6.45 | 5.55 | 2.87 | 1.85 | 2.79 | 104  | 3.76   |
| 2"    | 2.128-2.132 | 7.80 | 5.55 | 3.25 | 1.85 | 3.00 | 332  | 4.86   |



#### 92UDT-SM

| Size  | N                        | С           | A    | L    | H1   | H2   | H3   | Cv   | Weight |
|-------|--------------------------|-------------|------|------|------|------|------|------|--------|
|       | [in]                     | [in]        | [in] | [in] | [in] | [in] | [in] |      | [lb]   |
| 1⁄2"  | ½ - 14 NPT               | 0.627-0.631 | 4.01 | 3.58 | 1.93 | 0.94 | 2.28 | 10.4 | 1.11   |
| 3⁄4"  | <sup>3</sup> ⁄4 - 14 NPT | 0.877-0.881 | 4.38 | 3.58 | 2.07 | 1.10 | 2.40 | 24.4 | 1.38   |
| 1"    | 1 - 11.5 NPT             | 1.128-1.131 | 5.19 | 4.96 | 2.36 | 1.22 | 2.48 | 51.7 | 1.87   |
| 1¼"   | 1¼ - 11.5 NPT            | 1.378-1.381 | 5.42 | 4.96 | 2.60 | 1.57 | 2.68 | 96.8 | 2.70   |
| 11⁄2" | 1½ - 11.5 NPT            | 1.628-1.632 | 6.60 | 5.55 | 2.87 | 1.85 | 2.79 | 104  | 4.01   |
| 2"    | 2 - 11.5 NPT             | 2.128-2.132 | 7.89 | 5.55 | 3.25 | 1.85 | 3.00 | 332  | 5.09   |



\* Male tailpiece can be downsized. Call for availability.





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. Drawings, photos and data are provided for information only and subject to change without notice. No part of this document may be reproduced, copied, modified or adapted, without the prior written consent of the copyright owner, unless otherwise indicated.

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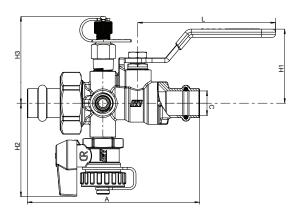
# 92UDT-92UDS-92UDP

DZR Brass Union Ball Valve with Drain

### Dimension, Cv, Weight

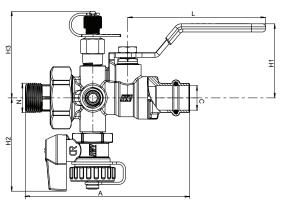
## 92UDP-PP

| Size  | С    | Α    | L    | H1   | H2   | H3   | Cv   | Weight |
|-------|------|------|------|------|------|------|------|--------|
|       | [in] | [in] | [in] | [in] | [in] | [in] |      | [lb]   |
| 1/2"  | 0.64 | 4.48 | 3.58 | 1.93 | 0.94 | 2.28 | 10.4 | 1.13   |
| 3/4"  | 0.89 | 4.86 | 3.58 | 2.07 | 1.10 | 2.40 | 24.4 | 1.39   |
| 1"    | 1.14 | 5.30 | 4.96 | 2.36 | 1.22 | 2.48 | 51.7 | 1.86   |
| 11⁄4" | 1.39 | 5.92 | 4.96 | 2.60 | 1.57 | 2.68 | 96.8 | 2.62   |
| 11⁄2" | 1.64 | 7.22 | 5.55 | 2.87 | 1.85 | 2.79 | 104  | 3.76   |
| 2"    | 2.14 | 9.62 | 5.55 | 3.25 | 1.85 | 3.00 | 332  | 4.86   |



# 92UDP-PM

| Size  | N                        | С    | Α    | L    | H1   | H2   | H3   | Cv   | Weight |
|-------|--------------------------|------|------|------|------|------|------|------|--------|
|       | [in]                     | [in] | [in] | [in] | [in] | [in] | [in] |      | [lb]   |
| 1⁄2"  | ½ - 14 NPT               | 0.64 | 4.51 | 3.58 | 1.93 | 0.94 | 2.28 | 10.4 | 1.13   |
| 3⁄4"  | <sup>3</sup> ⁄4 - 14 NPT | 0.89 | 4.86 | 3.58 | 2.07 | 1.10 | 2.40 | 24.4 | 1.39   |
| 1"    | 1 - 11.5 NPT             | 1.14 | 5.54 | 4.96 | 2.36 | 1.22 | 2.48 | 51.7 | 1.91   |
| 11⁄4" | 1¼ - 11.5 NPT            | 1.39 | 5.63 | 4.96 | 2.60 | 1.57 | 2.68 | 96.8 | 2.75   |
| 11⁄2" | 1½ - 11.5 NPT            | 1.64 | 7.22 | 5.55 | 2.87 | 1.85 | 2.79 | 104  | 4.01   |
| 2"    | 2 - 11.5 NPT             | 2.14 | 9.62 | 5.55 | 3.25 | 1.85 | 3.00 | 332  | 5.09   |





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