

## ApolloPress tee – reducing, large (P x P x P)



group: 811R.XL category: fittings product line: Apollo ApolloPress

The ApolloPress® 811R Large Diameter Press Reducing Outlet Tee features a lead free dezincification resistant copper body, a patented stainless-steel solid cross-section grab ring, a nylon separation ring and an EPDM o-ring. ApolloPress® products are manufactured utilizing proven ASTM materials and standards.

- Lead Free Construction
- Leak Before Press® Technology
- Visual Element, Break Away Band (Pat# 9,532.451)

### applications

potable water, heating, cooling,  
steam, compressed air, sprinkler,  
vacuum

### segments

fire protection , utility , industry

### approvals

CRN , FM , IAPMO/ANSI/CAN Z1117  
, ICC LC1002 , NSF/ANSI 372 ,  
NSF/ANSI 61

### assortment

| item code | size                     | dimensions        | weight  | packaging | gtin + upc     |
|-----------|--------------------------|-------------------|---------|-----------|----------------|
| 10077763  | 2 1/2" x 2 1/2" x 1/2"   | 5.58x7.15x3.16 "  | 1.7 lb  | -         | 00683264777637 |
| 10077764  | 2 1/2" x 2 1/2" x 3/4"   | 5.42x7.15x3.16 "  | 1.7 lb  | -         | 00683264177642 |
| 10077765  | 2 1/2" x 2 1/2" x 1"     | 5.21x7.15x3.16 "  | 1.7 lb  | -         | 00683264777651 |
| 10077766  | 2 1/2" x 2 1/2" x 1 1/4" | 4.58x7.15x3.16 "  | 1.9 lb  | -         | 00683264777668 |
| 10077767  | 2 1/2" x 2 1/2" x 1 1/2" | 4.83x7.15x3.16 "  | 2.05 lb | -         | 00683264777675 |
| 10077768  | 2 1/2" x 2 1/2" x 2"     | -                 | 2.11 lb | -         | 00683264777682 |
| 10066604  | 3" x 2" x 2"             | -                 | 5.08 lb | -         | 00683264666047 |
| 10066136  | 3" x 2 1/2" x 2 1/2"     | 5.90x10.93x3.68 " | 10.2 lb | -         | 00683264661363 |
| 10077769  | 3" x 3" x 1/2"           | 6.21x7.95x3.68 "  | 1.7 lb  | -         | 00683264777699 |
| 10077770  | 3" x 3" x 3/4"           | 6.05x7.95x3.68 "  | 1.7 lb  | -         | 00683264777705 |
| 10077771  | 3" x 3" x 1"             | 5.84x7.95x3.68 "  | 1.7 lb  | -         | 00683264777712 |
| 10077772  | 3" x 3" x 1 1/4"         | 5.09x7.95x3.68 "  | 2.68 lb | -         | 00683264777729 |
| 10077773  | 3" x 3" x 1 1/2"         | 5.34x7.95x3.68 "  | 2.82 lb | -         | 00683264777736 |
| 10077774  | 3" x 3" x 2"             | 5.59x7.95x3.68 "  | 2.87 lb | -         | 00683264777743 |
| 10077775  | 3" x 3" x 2 1/2"         | 5.90x7.95x3.68 "  | 3.13 lb | -         | 00683264777750 |
| 10077776  | 4" x 4" x 1/2"           | 7.33x9.84x4.70 "  | 1.7 lb  | -         | 00683264777767 |
| 10077777  | 4" x 4" x 3/4"           | 7.17x9.84x4.70 "  | 1.7 lb  | -         | 00683264777774 |
| 10077778  | 4" x 4" x 1"             | 6.96x9.84x4.70 "  | 1.7 lb  | -         | 00683264777781 |
| 10077779  | 4" x 4" x 1 1/4"         | 6.10x9.84x4.70 "  | 4.97 lb | -         | 00683264777798 |

| item code | size             | dimensions       | weight  | packaging | gtin + upc     |
|-----------|------------------|------------------|---------|-----------|----------------|
| 10077780  | 4" x 4" x 1 1/2" | 6.35x9.84x4.70 " | 5.1 lb  | -         | 00683264777804 |
| 10077781  | 4" x 4" x 2"     | -                | 5.14 lb | -         | 00683264777811 |
| 10077782  | 4" x 4" x 2 1/2" | 6.91x9.84x4.70 " | 5.26 lb | -         | 00683264777828 |
| 10077783  | 4" x 4" x 3"     | 7.28x9.84x4.70 " | 8.55 lb | -         | 00683264777835 |

#### specifications - characteristics

|                 |                              |
|-----------------|------------------------------|
| color           | copper                       |
| materials       | copper (CW024A (UNS C12200)) |
| finishing       | none                         |
| shape           | T-piece, reducer (90°)       |
| connection type | press (V), Press (V)         |
| sealing         | EPDM                         |

#### specifications - general

|               |                                     |
|---------------|-------------------------------------|
| product group | fittings (accessories (fittings))   |
| ETIM class    | EC003025 Fitting with 3 connections |
| brand         | Apollo                              |
| series        | ApolloPress                         |
| product type  | 811R.XL                             |
| unsp          | 40174612                            |

#### specifications - technical

|                               |         |
|-------------------------------|---------|
| max operating pressure liquid | 300 psi |
| min. medium temperature       | 32 °F   |
| max medium temperature        | 250 °F  |

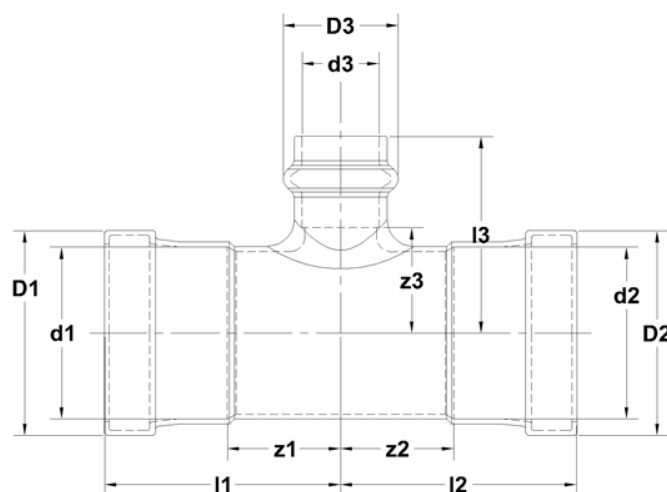
#### dimensions

| item code | size                                     | d1   | DN1        | l1   | z1   | d2   | DN2  | l2   | z2   | d3   | DN3        | l3   | z3   |
|-----------|------------------------------------------|------|------------|------|------|------|------|------|------|------|------------|------|------|
| 10077763  | 2<br>1/2"<br>x<br>2<br>1/2"<br>x<br>1/2" | 2.63 | 2-<br>1/2" | 2.81 | 0.91 | 0.63 | 1/2" | 2.37 | 1.52 | 2.63 | 2-<br>1/2" | 2.81 | 0.91 |
| 10077764  | 2<br>1/2"<br>x<br>2<br>1/2"<br>x<br>3/4" | 2.63 | 2-<br>1/2" | 3.02 | 1.12 | 0.88 | 3/4" | 3.02 | 1.12 | 2.63 | 2-<br>1/2" | 2.47 | 1.58 |

| item code | size | d1   | DN1  | l1   | z1   | d2   | DN2  | l2   | z2   | d3   | DN3  | l3   | z3   |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10077765  | 2    | 2.63 | 2-   | 2.94 | 1.04 | 1.13 | 1"   | 2.74 | 1.77 | 2.63 | 2-   | 2.94 | 1.43 |
|           | 1/2" |      | 1/2" |      |      |      |      |      |      |      | 1/2" |      |      |
|           | x    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 2    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1/2" |      |      |      |      |      |      |      |      |      |      |      |      |
| 10077766  | x    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1"   |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 2    | 2.63 | 2-   | 3.06 | 1.16 | 1.38 | 1-   | 2.85 | 1.76 | 2.63 | 2-   | 3.06 | 1.16 |
|           | 1/2" |      | 1/2" |      |      |      | 1/4" |      |      |      | 1/2" |      |      |
|           | x    |      |      |      |      |      |      |      |      |      |      |      |      |
| 10077767  | 2    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1/2" | 2.63 | 2-   | 3.20 | 1.30 | 1.63 | 1-   | 3.09 | 1.78 | 2.63 | 2-   | 3.20 | 1.30 |
|           | x    |      | 1/2" |      |      |      | 1/2" |      |      |      | 1/2" |      |      |
|           | 2    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1/2" |      |      |      |      |      |      |      |      |      |      |      |      |
| 10077768  | x    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1/2" |      |      |      |      |      |      |      |      |      |      |      |      |
|           | x    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 2"   | 2.63 | 2-   | 3.44 | 1.54 | 2.13 | 2"   | 3.34 | 1.75 | 2.63 | 2-   | 3.44 | 1.54 |
| 10066604  | 1/2" |      | 1/2" |      |      |      |      |      |      |      | 1/2" |      |      |
|           | x    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 2    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1/2" |      |      |      |      |      |      |      |      |      |      |      |      |
|           | x    |      |      |      |      |      |      |      |      |      |      |      |      |
| 10066136  | 2"   |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 3"   | 3.13 | 3"   | 3.97 | 1.87 | 2.13 | 2"   | 6.53 | 4.94 | 2.13 | 2"   | 6.51 | 5.00 |
|           | x    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 2"   |      |      |      |      |      |      |      |      |      |      |      |      |
|           | x    |      |      |      |      |      |      |      |      |      |      |      |      |
| 10077769  | 2"   |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 3"   | 3.13 | 3"   | 3.98 | 1.88 | 2.63 | 2-   | 6.96 | 5.06 | 2.63 | 2-   | 6.96 | 5.06 |
|           | x    |      |      |      |      |      | 1/2" |      |      |      | 1/2" |      |      |
|           | 2    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1/2" |      |      |      |      |      |      |      |      |      |      |      |      |
| 10077769  | x    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 2    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1/2" |      |      |      |      |      |      |      |      |      |      |      |      |
|           | x    |      |      |      |      |      |      |      |      |      |      |      |      |
|           | 1/2" |      |      |      |      |      |      |      |      |      |      |      |      |

| item code | size                            | d1   | DN1 | l1   | z1   | d2   | DN2        | l2   | z2   | d3   | DN3 | l3   | z3   |
|-----------|---------------------------------|------|-----|------|------|------|------------|------|------|------|-----|------|------|
| 10077770  | 3"<br>x<br>3"<br>x<br>3/4"      | 3.13 | 3"  | 3.03 | 0.93 | 0.88 | 3/4"       | 2.69 | 1.80 | 3.13 | 3"  | 3.03 | 0.93 |
| 10077771  | 3"<br>x<br>3"<br>x<br>1"        | 3.13 | 3"  | 3.16 | 1.06 | 1.13 | 1"         | 2.99 | 2.02 | 3.13 | 3"  | 3.16 | 1.06 |
| 10077772  | 3"<br>x<br>3"<br>x<br>1<br>1/4" | 3.13 | 3"  | 3.28 | 1.18 | 1.38 | 1-<br>1/4" | 3.10 | 2.01 | 3.13 | 3"  | 3.28 | 1.18 |
| 10077773  | 3"<br>x<br>3"<br>x<br>1<br>1/2" | 3.13 | 3"  | 3.42 | 1.32 | 1.63 | 1-<br>1/2" | 3.34 | 2.03 | 3.13 | 3"  | 3.42 | 1.32 |
| 10077774  | 3"<br>x<br>3"<br>x<br>2"        | 3.13 | 3"  | 3.66 | 1.56 | 2.13 | 2"         | 3.59 | 2.00 | 3.13 | 3"  | 3.66 | 1.56 |
| 10077775  | 3"<br>x<br>3"<br>x<br>2<br>1/2" | 3.13 | 3"  | 3.95 | 1.85 | 2.63 | 2-<br>1/2" | 4.05 | 2.15 | 3.13 | 3"  | 3.95 | 1.85 |
| 10077776  | 4"<br>x<br>4"<br>x<br>1/2"      | 4.13 | 4"  | 3.58 | 1.08 | 0.63 | 1/2"       | 3.09 | 2.24 | 4.13 | 4"  | 3.58 | 1.08 |
| 10077777  | 4"<br>x<br>4"<br>x<br>3/4"      | 4.13 | 4"  | 3.58 | 1.08 | 0.88 | 3/4"       | 3.21 | 2.32 | 4.13 | 4"  | 3.58 | 1.08 |

| item code | size | d1   | DN1 | l1   | z1   | d2   | DN2        | l2   | z2   | d3   | DN3 | l3   | z3   |
|-----------|------|------|-----|------|------|------|------------|------|------|------|-----|------|------|
| 10077778  | 4"   | 4.13 | 4"  | 3.86 | 1.36 | 1.13 | 1"         | 3.49 | 2.52 | 4.13 | 4"  | 3.86 | 1.36 |
|           | x    |      |     |      |      |      |            |      |      |      |     |      |      |
|           | 4"   |      |     |      |      |      |            |      |      |      |     |      |      |
|           | x    |      |     |      |      |      |            |      |      |      |     |      |      |
| 10077779  | 4"   | 4.13 | 4"  | 3.86 | 1.36 | 1.38 | 1-<br>1/4" | 3.59 | 2.50 | 4.13 | 4"  | 3.86 | 1.36 |
|           | x    |      |     |      |      |      |            |      |      |      |     |      |      |
|           | 4"   |      |     |      |      |      |            |      |      |      |     |      |      |
|           | x    |      |     |      |      |      |            |      |      |      |     |      |      |
| 10077780  | 1    |      |     |      |      |      |            |      |      |      |     |      |      |
|           | 1/4" |      |     |      |      |      |            |      |      |      |     |      |      |
|           |      |      |     |      |      |      |            |      |      |      |     |      |      |
|           |      |      |     |      |      |      |            |      |      |      |     |      |      |
| 10077781  | 4"   | 4.13 | 4"  | 4.09 | 1.59 | 2.13 | 2"         | 4.12 | 2.53 | 4.13 | 4"  | 4.09 | 1.59 |
|           | x    |      |     |      |      |      |            |      |      |      |     |      |      |
|           | 4"   |      |     |      |      |      |            |      |      |      |     |      |      |
|           | x    |      |     |      |      |      |            |      |      |      |     |      |      |
| 10077782  | 2"   |      |     |      |      |      |            |      |      |      |     |      |      |
|           |      |      |     |      |      |      |            |      |      |      |     |      |      |
|           |      |      |     |      |      |      |            |      |      |      |     |      |      |
|           |      |      |     |      |      |      |            |      |      |      |     |      |      |
| 10077783  | 4"   | 4.13 | 4"  | 4.61 | 2.11 | 3.13 | 3"         | 4.79 | 2.69 | 4.13 | 4"  | 4.61 | 2.11 |
|           | x    |      |     |      |      |      |            |      |      |      |     |      |      |
|           | 4"   |      |     |      |      |      |            |      |      |      |     |      |      |
|           | x    |      |     |      |      |      |            |      |      |      |     |      |      |
| 10077783  | 3"   |      |     |      |      |      |            |      |      |      |     |      |      |
|           |      |      |     |      |      |      |            |      |      |      |     |      |      |



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