

# ProPEX manifold elbow adapters

## Project information

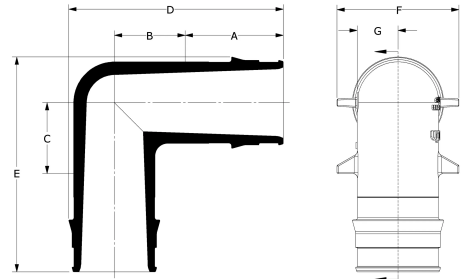
|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved by:    |

## Technical data

|                         |                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------|
| Material                | Brass                                                                                                          |
| Temp/pressure ratings   | 73 °F (23 °C) at 160 psi (11 bar)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>200 °F (93 °C) at 80 psi (5.5 bar) |
| Prop 65 label required? | Yes                                                                                                            |

## Product information and application use

Uponor ProPEX® Manifold Elbow Adapter threads into Uponor TruFLOW™ and Engineered Polymer (EP) Heating Manifolds to adapt to ProPEX connections in radiant heating and cooling applications.



| Part name                                                                              | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | End Type 1    | End Type 2       | Cv   | Equivalent length branch [ft] |
|----------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|---------------|------------------|------|-------------------------------|
| ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX                                       | Q4153275 | 0.945    | 0.9      | 1.15     | 2.663    | 2.33     | 1.635    | ProPEX 3/4"   | ISO 228-G 1-1/4" | -    | -                             |
| ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX                                         | Q4153210 | 1.181    | 0.9      | 1.15     | 2.898    | 2.33     | 1.635    | ProPEX 1"     | ISO 228-G 1-1/4" | -    | -                             |
| ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX                                     | Q4153215 | 1.704    | 0.85     | 1.3      | 3.372    | 2.775    | 1.635    | ProPEX 1-1/2" | ISO 228-G 1-1/4" | -    | -                             |
| Commercial Stainless-steel Manifold ProPEX Male Elbow Adapter, 1 1/2" PEX x 1 1/2" NPT | A2791515 | 1.704    | 0.85     | 1.25     | 3.504    | 3.025    | 1.9      | ProPEX 1-1/2" | MNPT 1-1/2"      | 29.5 | 12.4                          |

| Part name                                                                              | Part no. | Weight per UOM [lbs/UOM] |
|----------------------------------------------------------------------------------------|----------|--------------------------|
| ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX                                       | Q4153275 | 0.6                      |
| ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX                                         | Q4153210 | 0.62                     |
| ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX                                     | Q4153215 | 0.91                     |
| Commercial Stainless-steel Manifold ProPEX Male Elbow Adapter, 1 1/2" PEX x 1 1/2" NPT | A2791515 | 1.06                     |

| Part name                                                                              | Part no. | Codes                     | Standards              | Listings                   |
|----------------------------------------------------------------------------------------|----------|---------------------------|------------------------|----------------------------|
| ProPEX manifold elbow adapters                                                         | All      | IMC IRC NBC of Canada UMC | ASTM F1960 ASTM F877   | cNSFus-rfh                 |
| In addition, the following parts have additional codes, standards, or listings:        |          |                           |                        |                            |
| ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX                                       | Q4153275 |                           | R32: ISO 228-G 1¼"     |                            |
| ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX                                         | Q4153210 |                           | R32: ISO 228-G 1¼"     |                            |
| ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX                                     | Q4153215 |                           | R32: ISO 228-G 1¼"     |                            |
| Commercial Stainless-steel Manifold ProPEX Male Elbow Adapter, 1 1/2" PEX x 1 1/2" NPT | A2791515 |                           | CSA B137.5 NSF/ANSI 14 | ICC-ES-PMG ICC-ES-PMG 1012 |

## Installation

R32 threads into the Uponor TruFLOW and EP Heating Manifolds. ProPEX end enables direct, 90-degree contact to Uponor PEX-a tubing. For additional information, refer to the Uponor Radiant Floor Heating Installation Handbook.

## Related applications

Radiant Heating and Cooling Systems

| Footnotes |  | Contact information                                                                                                                                                                                                               |
|-----------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -         |  | <div>Uponor Inc.<br/>5925 148th Street West<br/>Apple Valley, MN 55124<br/>T 800.321.4739<br/>F 952.891.2008</div> <div>Uponor Ltd.<br/>6510 Kennedy Road<br/>Mississauga, ON L5T 2X4<br/>T 888.594.7726<br/>F 800.638.9517</div> |