

Collecteurs sans vannes en PEHD

Renseignements sur le projet

Nom du poste :

Lieu :

Ingénieur :

Date de soumission:

Entrepreneur :

Présentée par:

Représentant du fabricant :

Approuvé par :

Données techniques

| | |
|-------------------------|---|
| Material | HDPE |
| Subcomponent Material | 3408 Polyethylene material |
| Temp/pressure ratings | 73 °F (23 °C) at 160 psi (11 bar) 120 °F (49 °C) at 100 psi (6.9 bar) 140 °F (60 °C) at 80 psi (5.5 bar) 100 °F (38 °C) at 125 psi (8.6 bar) |
| Prop 65 label required? | Yes |

Informations sur le produit et utilisation de l'application

Uponor offers the multiple-outlet HDPE Valveless Manifolds for applications with greater flow requirements (larger than 5,000 square feet). Manufactured with grade 303 stainless steel ProPEX® fittings (3/4" or 1") hydraulically pressed onto the outlet nipples, these manifolds are maintenance-free and suitable for direct burial. 1 The HDPE Valveless Manifolds come with standard 12" on-center (o.c.) outlet spacing.



| Nom de la pièce | Numéro de pièce | C [inch] | Inner diameter pipe [inch] | Outer diameter pipe [inch] | End Type 1 | Operating temperature max. [°F] | Flow Rate Max. [gpm] | Weight per UOM [lbs/UOM] |
|---|-----------------|----------|----------------------------|----------------------------|-------------|---------------------------------|----------------------|--------------------------|
| 3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX | B2253751 | - | 2.8201 | 3.5 | ProPEX 3/4" | 240.8 | 116 | 15.9 |
| 3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX | B2273101 | - | 2.8201 | 3.5 | ProPEX 1" | 240.8 | 116 | 15.9 |
| 3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX | B2253752 | - | 2.8201 | 3.5 | ProPEX 3/4" | 240.8 | 116 | 31.8 |
| 3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX | B2273102 | - | 2.8201 | 3.5 | ProPEX 1" | 240.8 | 116 | 32 |
| 4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX | B2254751 | - | 3.6299 | 4.5 | ProPEX 3/4" | 438.8 | 226 | 24.9 |
| 4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX | B2274101 | - | 3.6299 | 4.5 | ProPEX 1" | 438.8 | 226 | 26 |
| 4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX | B2254752 | - | 3.6299 | 4.5 | ProPEX 3/4" | 438.8 | 226 | 49.8 |
| 4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX | B2274102 | - | 3.6299 | 4.5 | ProPEX 1" | 438.8 | 226 | 52 |

| Nom de la pièce | Numéro de pièce | Les codes | Normes | Annonces |
|---------------------------------|-----------------|--------------------|---|--------------------------------------|
| Collecteurs sans vannes en PEHD | All | NPC of Canada NSPC | ASTM F1960 CSA B137.5 NSF/ANSI/CAN 61 ASTM D3350 NSF/ANSI 14 CGSB 41-GP-25M | NSF 14- and 61-certified PPI PE-3408 |

L'installation

Connect HDPE tubing through fusion welding. Connect PEX tubing to outlets via ProPEX connection method. For additional information, refer to the Radiant Floor Heating Installation Handbook.

Applications connexes

- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

Remarques :

140°F at 80 psi (60°C at 5.5 bar)
120°F at 100 psi (49°C at 6.9 bar)
100°F at 125 psi (38°C at 8.6 bar)
73.4°F at 160 psi (23°C at 11 bar)
Maximum Recommended Flow Rates:
2" — 41 gpm; 3" — 116 gpm; 4"

Notes de bas de page

Coordonnées de la personne-ressource

Uponor Inc.
5925 148th Street West
Apple Valley, MN 55124
T 800.321.4739
F 952.891.2008

Uponor Ltd.
6510 Kennedy Road
Mississauga, ON L5T 2X4
T 888.594.7726
F 800.638.9517