

Collecteurs sans vannes en PEHD

Submittal information

Date de soumission:

Project Information

Job name :	Location :
Engineer :	Date de soumission:
Contractor :	Présentée par:
Manufacturer's representative :	Approved by :

Technical Data

Material	HDPE
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)

Product information and application use

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.



Part name	Part no.	C [inch]	Inner diameter pipe [inch]	Outer diameter pipe [inch]	Weight per UOM [lbs/UOM]	End type 1	Max. fluid flow rate
3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	B2253751	6.5	2.8201	3.5	15.9	ProPEX 3/4"	116 gpm
3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	B2253752	6.5	2.8201	3.5	31.8	ProPEX 3/4"	116 gpm
4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	B2254751	7.5	3.6299	4.5	24.9	ProPEX 3/4"	226 gpm
4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	B2254752	7.5	3.6299	4.5	49.8	ProPEX 3/4"	226 gpm
3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	B2273101	6.5	2.8201	3.5	15.9	ProPEX 1"	116 gpm
3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	B2273102	6.5	2.8201	3.5	32	ProPEX 1"	116 gpm
4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	B2274101	7.5	3.6299	4.5	26	ProPEX 1"	226 gpm
4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	B2274102	7.5	3.6299	4.5	52	ProPEX 1"	226 gpm

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.

Related applications

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

Codes

NPC of Canada|NSPC

Standards

ASTM F1960|CSA B137.5|NSF-61|ASTM D3350|NSF-14|CGSB 41-GP-25M

Listings

NSF 14- and 61-certified|PPI PE-3408

Notes

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"

ProPEX® is a registered trademark of Uponor Inc. ProPEX™ is a trademark of Uponor Ltd.

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