

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"

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