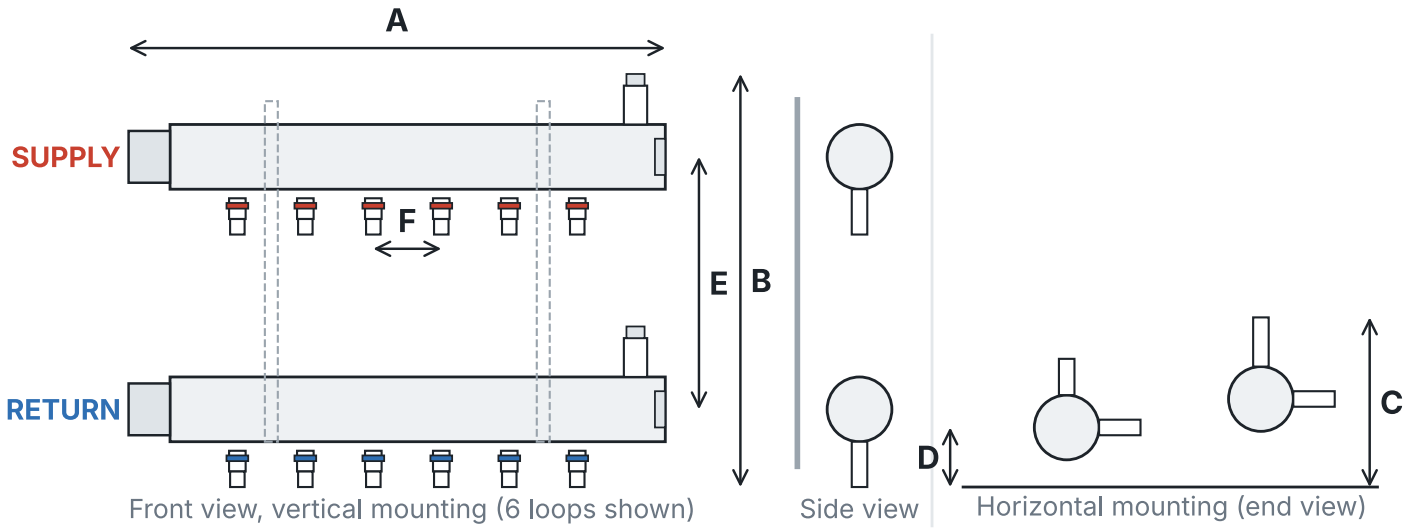
XFM204–XFM216

Xtreme-Flow stainless steel manifold, 4 to 16 loops, ball valves

Stainless steel snowmelt and radiant manifold with full-port ball valves on every loop.

4–16	75 GPM	4.9 GPM	145 psi
Loops	Rated flow, manifold	Rated flow, per loop	Max. pressure at 68 °F



Front view, vertical mounting (6 loops shown) · Side view · Horizontal mounting (end view)

FUNCTIONS

High flow

2-½″ headers carry up to 75 GPM, so one manifold can serve 16 snowmelt loops.

Even distribution

Low header velocity keeps the pressure difference between the first and last loop small.

Air and drain

An automatic air vent and drain on each header work in vertical or horizontal mounting.

Isolation

Full-port ¾″ ball valves on supply and return isolate each loop.

DIMENSIONS COMMON TO ALL MODELS

	B	C	D	E	F
in	21″	7-¾″	5-½″	9-¾″	2-⅝″
mm	533	197	140	248	67

B overall height, vertical mounting (ball-valve version) · **C** overall height, horizontal mounting · **D** header centreline height, horizontal mounting · **E** supply to return header, centre to centre · **F** loop spacing · **A** overall length including the 2″ connections (see model table).

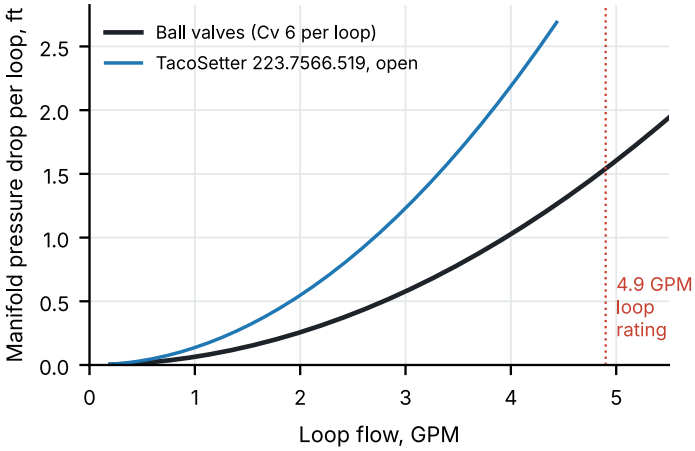
MODELS

Model	Loops	A, in	A, mm	Weight, lb
XFM204	4	17″	432	19.5
XFM205	5	19-½″	495	22
XFM206	6	22-¼″	565	24.5
XFM207	7	25″	635	27
XFM208	8	27-½″	698	29.5
XFM209	9	29-¾″	756	32
XFM210	10	32-½″	826	34.5
XFM211	11	35″	889	37
XFM212	12	37-½″	952	39.5
XFM213	13	40″	1016	43.5
XFM214	14	42-¾″	1086	45
XFM215	15	45-¼″	1149	47.5
XFM216	16	47-¾″	1213	50

XFM204–XFM216

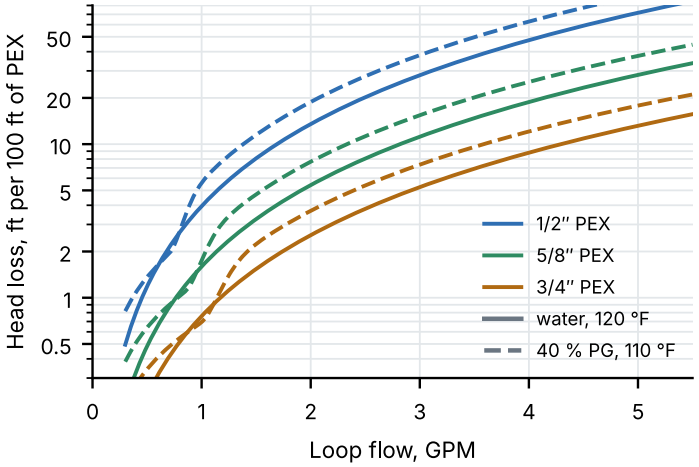
Xtreme-Flow stainless steel manifold, 4 to 16 loops, ball valves

MANIFOLD PRESSURE DROP PER LOOP



From the supply header to the return header through one loop's valves, excluding the PEX. Water; for 40 % glycol multiply by about 1.04.

PEX LOOP HEAD LOSS



PEX CTS SDR 9, per 100 ft of tube. Loop head = manifold pressure drop + PEX head loss × length / 100.

TECHNICAL SPECIFICATIONS

Header (trunk)	2-½″ SEA 304 stainless steel, 3 mm wall
Loops	4 to 16
Rated flow	75 GPM per manifold; 4.9 GPM per loop
Flow coefficient per loop	Cv 6 with both valves open
Max. operating pressure	145 psi at 68 °F; 87 psi at 158 °F; 44 psi at 194 °F

Test pressure	145 psi
Max. operating temperature	194 °F (90 °C)
Fluids	Water, or water with up to 50 % glycol
Mounting	Wall brackets included; vertical or horizontal
Warranty	5 years

LOOP FLOWS WITHOUT BALANCING VALVES

Loop flow follows loop resistance: shorter or larger-bore loops take more flow. Keep loop lengths on one manifold within about 10 % of each other, or choose the TacoSetter version to set each loop's flow.

INSTALLATION

Mount on the wall brackets, vertically or horizontally. Connect the supply to the supply header with full-size 2″ piping.