XFM204–XFM216 with TacoSetter

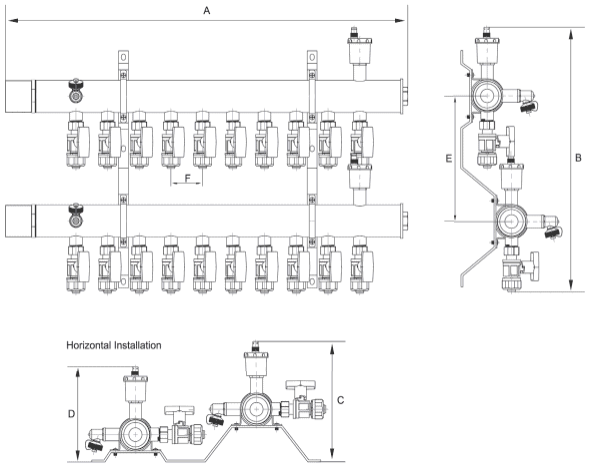
Xtreme-Flow stainless steel manifold, 4 to 16 loops, TacoSetter Inline 130 balancing valves on the returns

JOB NAME	JOB LOCATION	ENGINEER
MECHANICAL CONTRACTOR	CONTRACTOR'S P.O. NO.	REPRESENTATIVE
TAG NO.	MODEL / LOOPS	APPROVAL

MODELS

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

DIMENSIONS



Drawing shows the ball-valve version; on this version a TacoSetter replaces the ball valve on each return.

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).

B shown for the ball-valve version; the 96 mm TacoSetter body adds height below the return header. Confirm B with Rhella before prefabrication.

CONNECTIONS

Connection	Size and type
Headers	2″ G (DN 50); 2″ GM × sweat adapters and end caps included
Loop supply	¾″ full-port ball valve (red), 20 mm thread
Loop return	TacoSetter 223.7566.519, DN 20, 1″ union nut × 1″ G male
PEX	¾″ only (the TacoSetter takes ¾″ adapters); adapters sold separately
Vents and drains	Automatic air vent and drain on each header

TECHNICAL DATA

Headers	2-½″ 304 stainless steel, 3 mm wall
Rated flow	75 GPM total; 4.9 GPM per loop
Flow coefficient	Cv 6 body and supply valve, plus TacoSetter Kvs 4.76
Max. pressure	145 psi at 68 °F; 87 psi at 158 °F; 44 psi at 194 °F
Max. temperature	194 °F (90 °C)
Fluids	Water, or up to 50 % glycol
Balancing valves	TacoSetter 223.7566.519, 1.1–4.2 GPM, ±10 %

TYPICAL SPECIFICATION

Furnish and install a Rhella Xtreme-Flow XFM2__ manifold with ___ loops, or approved equal. The manifold shall have 2-½″ SEA 304 stainless steel supply and return headers with a 3 mm wall and 2″ (DN 50) connections, an automatic air vent and drain on each header, and wall-mounting brackets. Each loop shall have a ¾″ full-port ball valve on the supply and a Taconova TacoSetter Inline 130 223.7566.519 (DN 20, 1″, glycol scale 4–16 l/min) balancing valve with built-in flow meter (±10 %) on the return, allowing each loop's flow to be set, read and isolated. Loops shall be ¾″ PEX with ¾″ PEX compression adapters. Rating: 75 GPM total, 4.9 GPM per loop, 145 psi at 68 °F, 194 °F maximum; water or up to 50 % glycol.