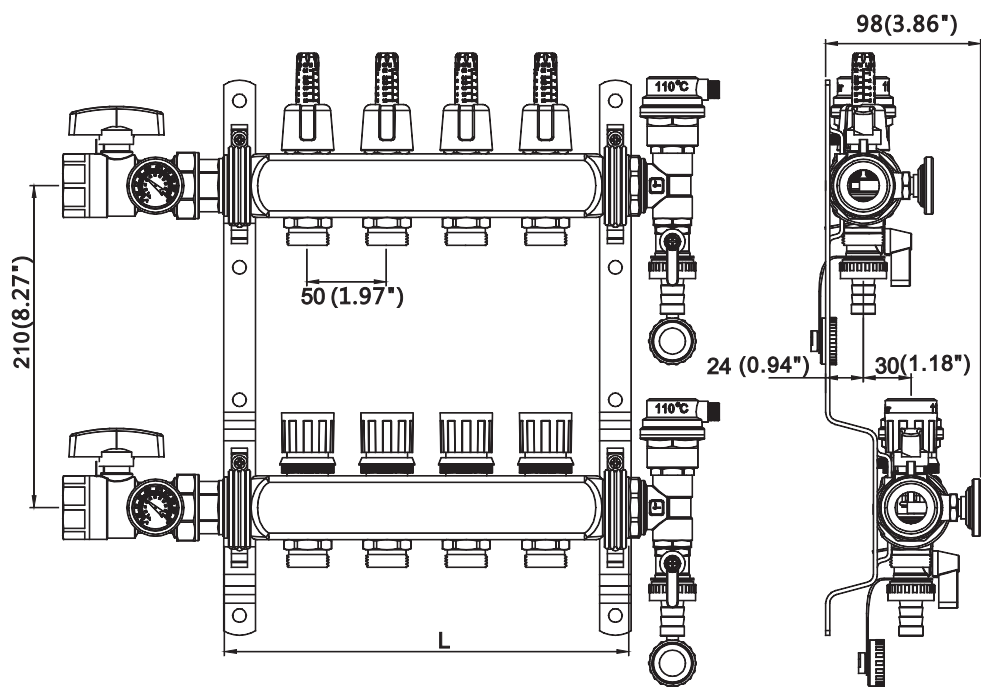


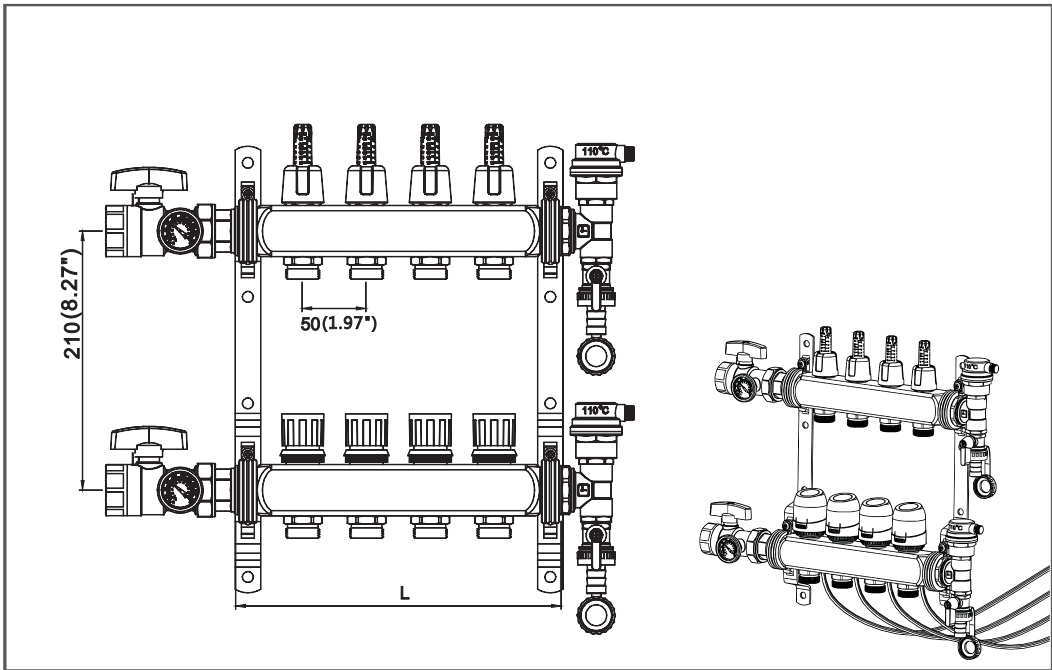
FN16 MANIFOLD

OPERATING

INSTRUCTION



SPECIFICATIONS (mm/in)

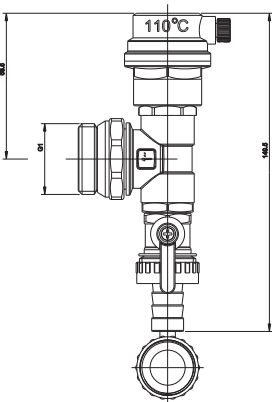


SPECIFICATION	CONNECTIONS	LOOPS	L/mm	L/in
FN16-1F-3/4*2	G1" x 3/4"	2	155	6.10
FN16-1F-3/4*3	G1" x 3/4"	3	205	8.07
FN16-1F-3/4*4	G1" x 3/4"	4	255	10.04
FN16-1F-3/4*5	G1" x 3/4"	5	305	12.01
FN16-1F-3/4*6	G1" x 3/4"	6	355	13.98
FN16-1F-3/4*7	G1" x 3/4"	7	405	15.94
FN16-1F-3/4*8	G1" x 3/4"	8	455	17.91
FN16-1F-3/4*9	G1" x 3/4"	9	505	19.88
FN16-1F-3/4*10	G1" x 3/4"	10	555	21.85
FN16-1F-3/4*11	G1" x 3/4"	11	605	23.82
FN16-1F-3/4*12	G1" x 3/4"	12	655	25.79

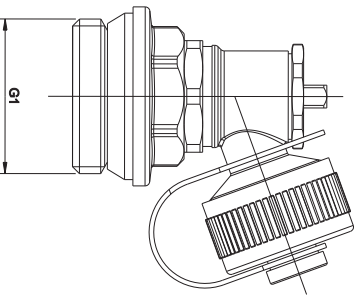
TECHNICAL DATA

Materials	Manifold Body	Stainless Steel
	Port Connection	Brass
	Seal	EPDM
Working Performance	Permissible Maximum Continuous Working Temperature: 82°C (180F) at 6.9bar (100psi)	
Working Media	Media 1	Water
	Media 2	Water/Ethylene Glycol 50/50%
	Media 3	Water/Propylene Glycol 50/50%
Flow	Indication Scale	0.5-5L/min(0.13-1.32G/min)
	Indication Tolerance	± 10%
	Kvs	1.10
Connection	Supply / Return	G1" female
	Circuit Connection	G3/4" male
	Flowmeter Connection	G1/2" male

Notice : Manifold may come with manual or automatic air vents,illustrations show automatic air vents.

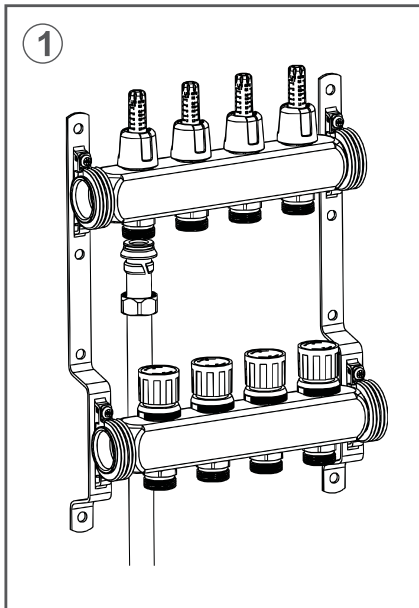


Automatic Air Vent

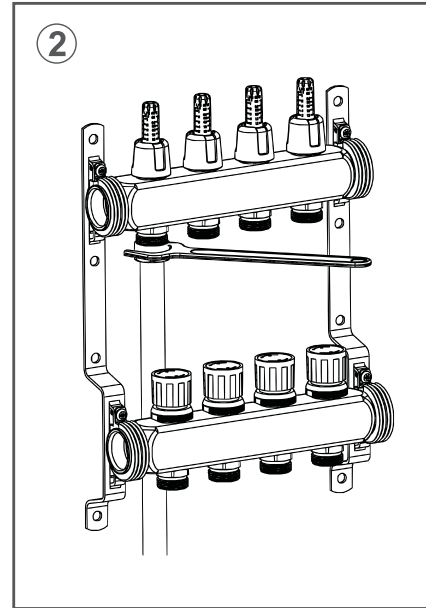


Manual Air Vent

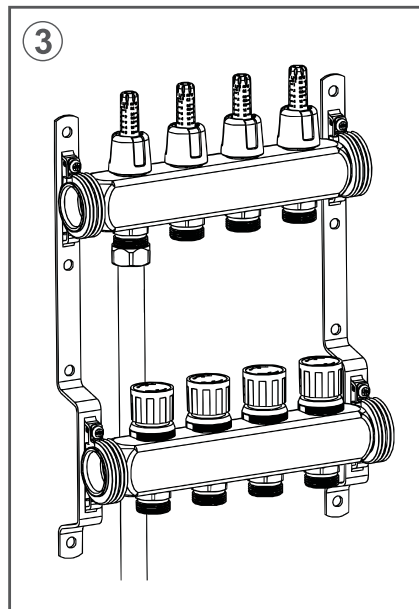
INSTALLATION



■ Connect tubing using compression fitting

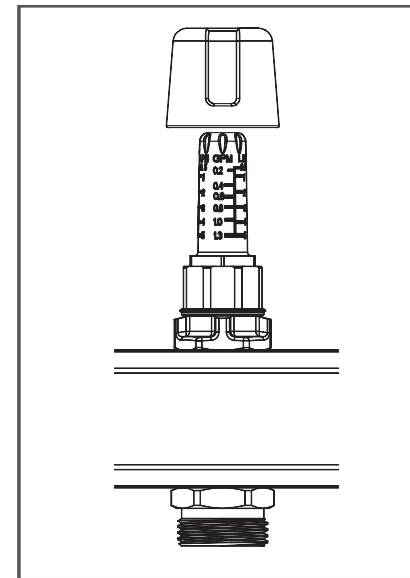


■ Tighten the compression nut with a wrench

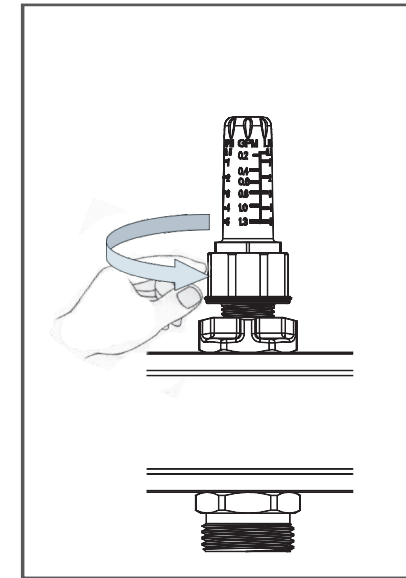


■ Repeat steps 1 and 2 on each loop until finish

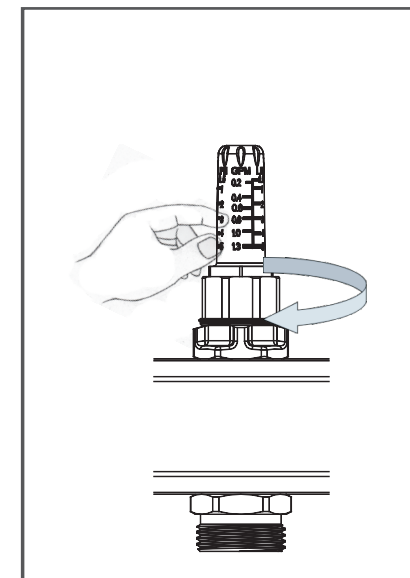
FLOW METER OPERATION



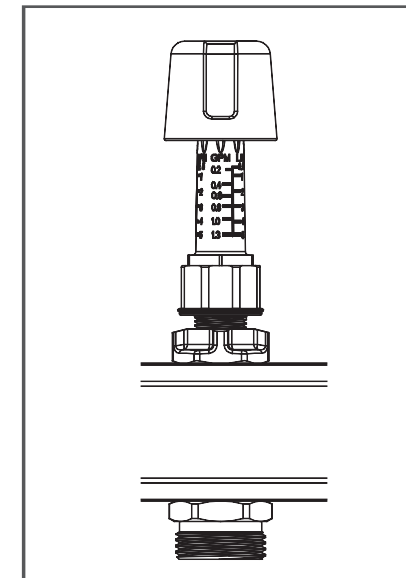
■ Remove the red cap



■ Turn knob counter-clockwise to increase flow



■ Turn knob clockwise to decrease flow



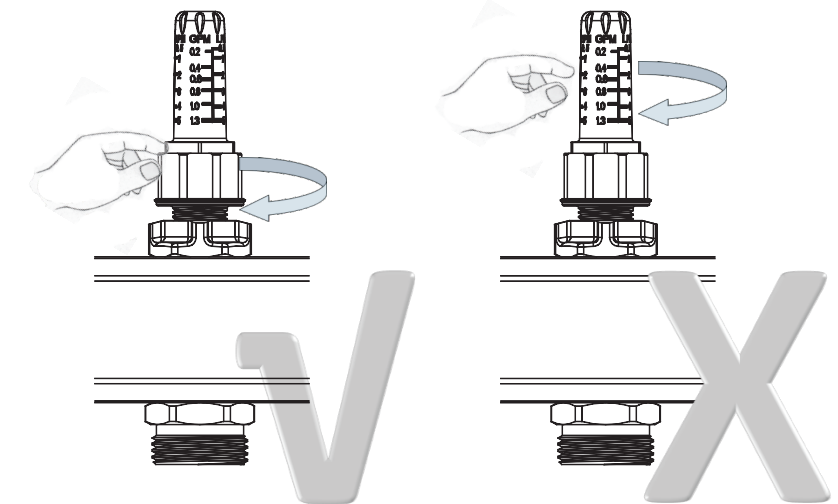
■ Put the red cap into locked position

READING THE FLOWMETER

Warning:

Do not turn the top cup for flow rate adjustment.

Do not turn knob counter-clockwise more than 3 rounds, otherwise the red disk will be out of indication range when the system is pressurized.



Flow can be determined by the position of the disk. In this example, the loop have a flow rate of 2 L/min (0.53 G/min).

