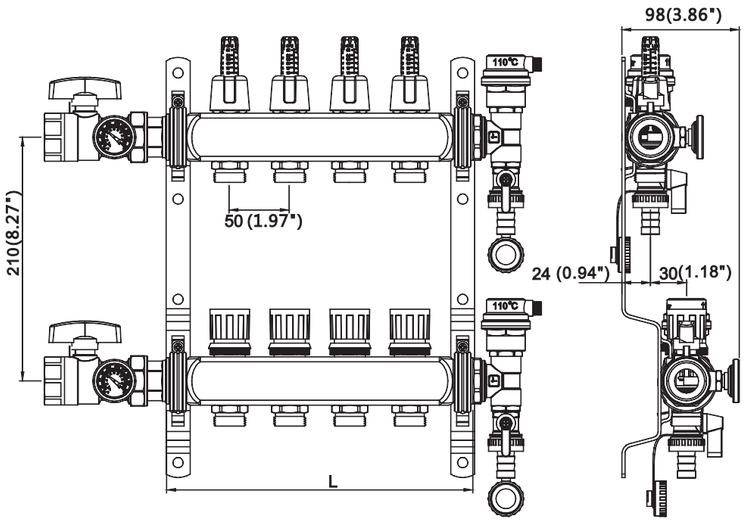
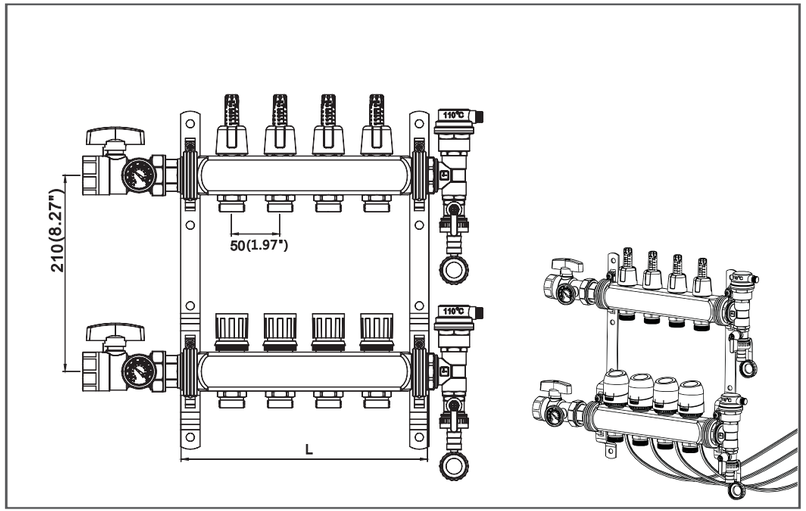
FN16 MANIFOLD OPERATING INSTRUCTION



SPECIFICATIONS (mm/in)

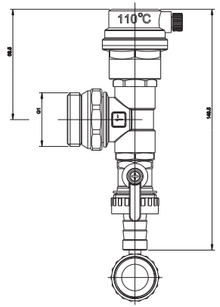


SPECIFICATION	CONNECTIONS	LOOPS	L/mm	L/in
FN16-1F-3/4*2	G1" x 3/4"	2	155	6.10
FN16-1F-3/4*3	G1" x 3/4"	3	205	8.07
FN16-1F-3/4*4	G1" x 3/4"	4	255	10.04
FN16-1F-3/4*5	G1" x 3/4"	5	305	12.01
FN16-1F-3/4*6	G1" x 3/4"	6	355	13.98
FN16-1F-3/4*7	G1" x 3/4"	7	405	15.94
FN16-1F-3/4*8	G1" x 3/4"	8	455	17.91
FN16-1F-3/4*9	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

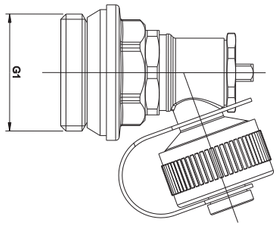
TECHNICAL DATA

Materials	Manifold Body	Stainless Steel
	Port Connection	Brass
	Seal	EPDM
Working Performance	Permissible Maximum Continuous Working Temperature: 82C°(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.

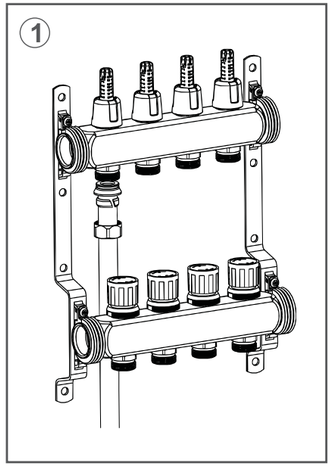


Automatic Air Vent

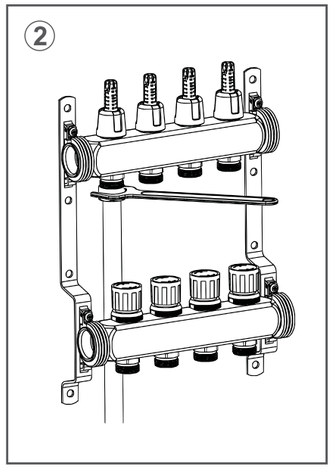


Manual Air Vent

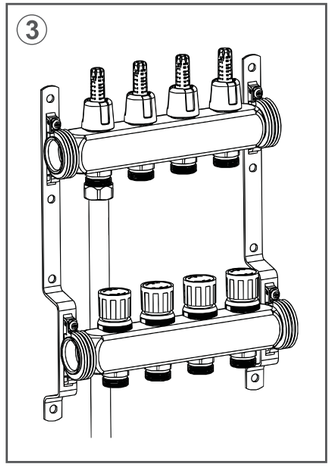
INSTALLATION



■ Connect tubing using compression fitting

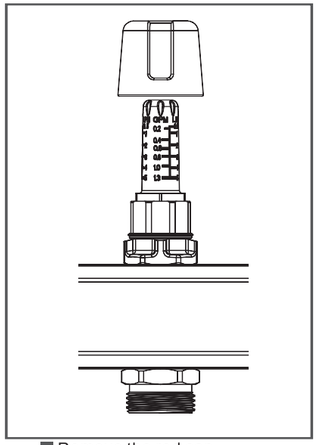


■ Tighten the compression nut with a wrench

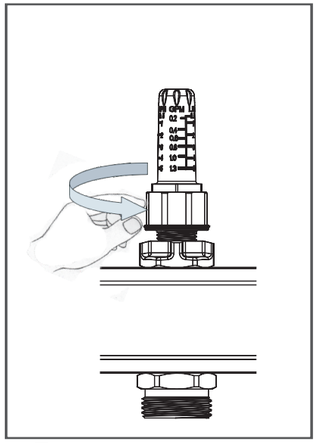


■ Repeat steps 1 and 2 on each loop until finish

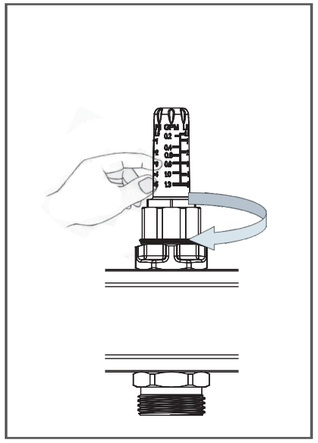
FLOW METER OPERATION



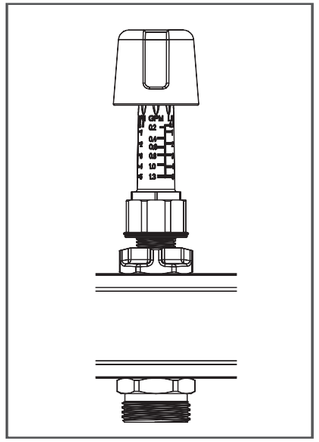
■ Remove the red cap



■ Turn knob counter-clockwise to increase flow



■ Turn knob clockwise to decrease flow



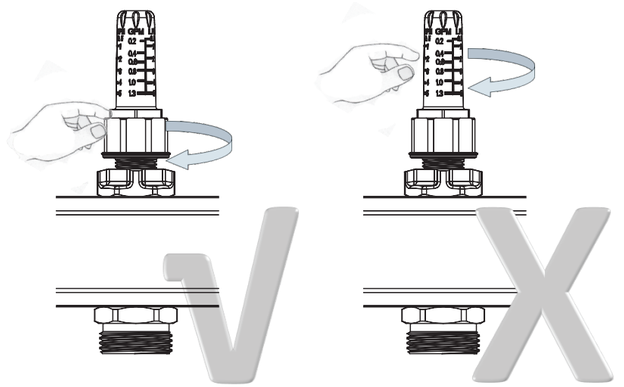
■ Put the red cap into locked position

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(0.53G/min).