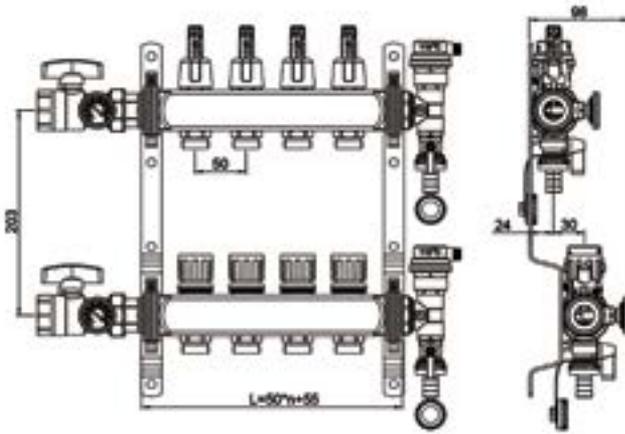




Pex Manifold

Instruction Manual



Scan the QR code with your mobile device or follow the link for helpful videos and specifications related to this product.

<https://vivo-us.com/search?q=PEX%20M12>



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1-800-371-5654

⚠ WARNING!

If you do not understand these directions, or if you have any doubts about the safety of the installation, please call a qualified technician. Check carefully to make sure there are no missing or defective parts. Improper installation may cause damage or serious injury. Do not use this product for any purpose that is not explicitly specified in this manual and do not exceed weight capacity. We cannot be liable for damage or injury caused by improper mounting, incorrect assembly, or inappropriate use.

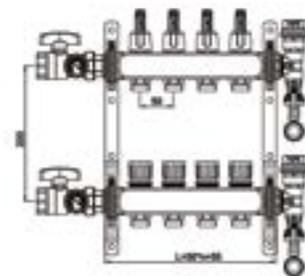
CODE	CONNECTIONS	LOOPS	L/mm	L/in
FN16-1F-3/4*2	G1 3/4	2	155	6.10
FN16-1F-3/4*3	G1 3/4	3	205	8.07
FN16-1F-3/4*4	G1 3/4	4	255	10.04
FN16-1F-3/4*5	G1 3/4	5	305	12.01
FN16-1F-3/4*6	G1 3/4	6	355	13.98
FN16-1F-3/4*7	G1 3/4	7	405	15.94
FN16-1F-3/4*8	G1 3/4	8	455	17.91
FN16-1F-3/4*9	G1 3/4	9	505	19.88
FN16-1F-3/4*10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

Materials	Mainfold Body	Stainless Steel
	Port Connection	Brass
	Seal	EPDM
Working Performance	Max. Working Pressure	10 bar (145 psi)
	Cont. Working Temperature	0°C (32) ~70 °C (158
	Max. Instantaneous Working Temperature(Max. 10 min/day)	100 °C (212
	Max. Differential Pressure	1 bar (14.5 psi)
Working Media	Media 1	Water
	Media 2	Water/Ethylene Glycol 50/50%
	Media 3	Water/Propylene Glycol 50/50%
Flow	Indication Scale	0.5 - 5 L/min(0.13 - 1.32G/min)
	Indication Tolerance	±10
	Kvs	1.10
Connection	Connection Heat Feed	G1" femal
	Circuit Connection	3/4" male EuroCone (EK)
	Flowmeter Connection	G1/2" mal

SPECIFICATIONS and INSTALLATION

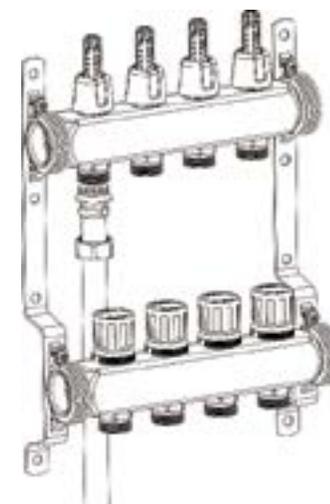
STEP 1

Attach ball valves and air release valves to the ends of the manifold and tighten with a wrench. The valves are able to fit to either end as needed.



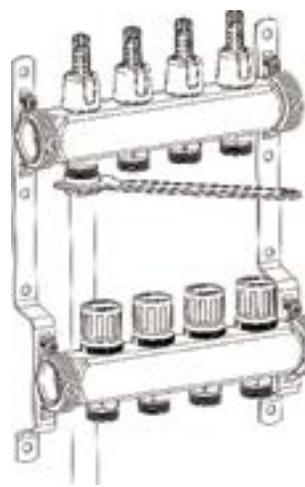
STEP 2

Connect tubing using Rifeng Compression fittings.



STEP 3

Tighten the compression nut with a wrench.



STEP 4

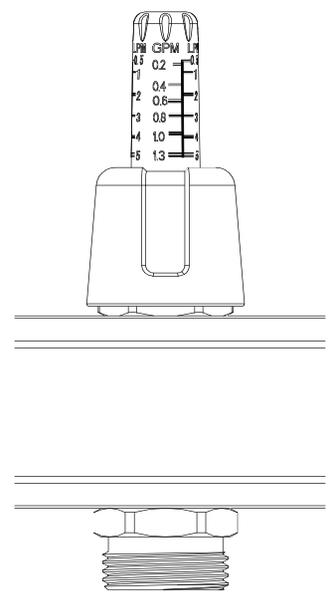
Repeat steps 2 and 3 on each loop until it is finished.



FLOW METER OPERATION

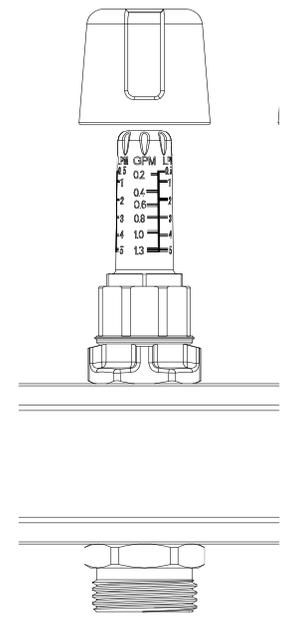
STEP 1

Standing position.



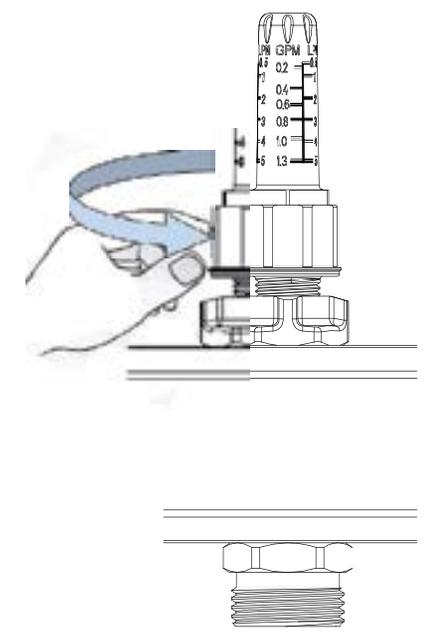
STEP 2

Remove the red cap.



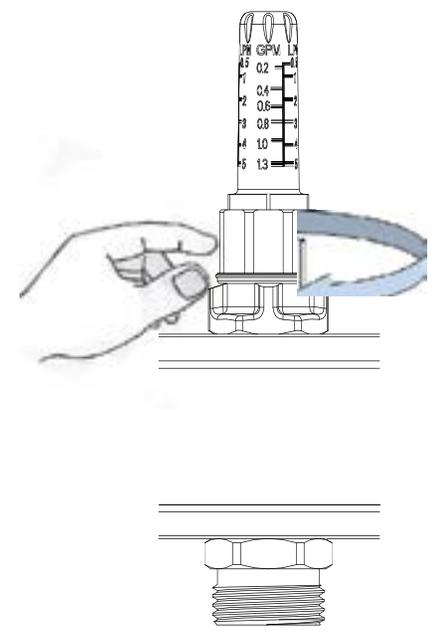
STEP 3

Turn knob counter-clockwise to increase flow.



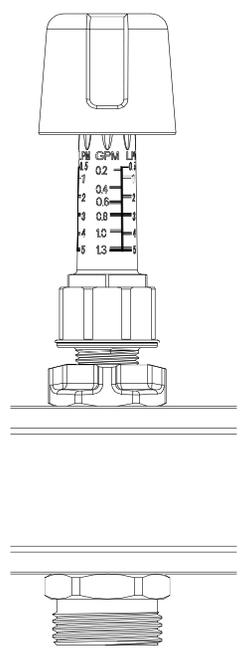
STEP 4

Turn knob clockwise to decrease flow.



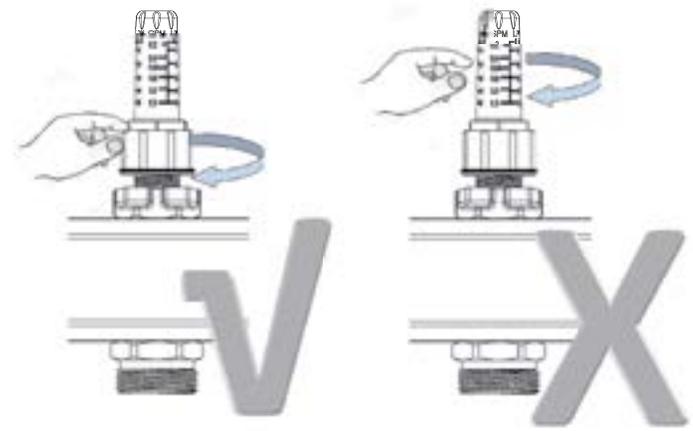
STEP 5

Click the red cap into locked position.



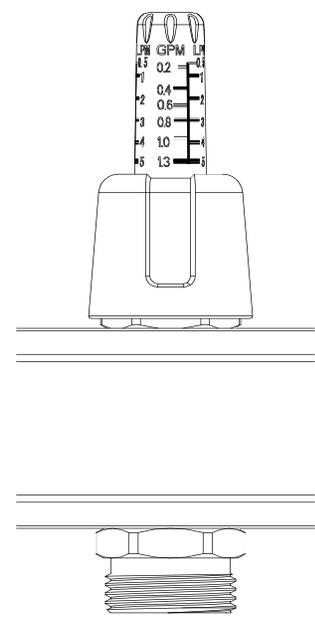
 **WARNING!**

Do not turn the top cup for flow rate adjustment. Turn the knob counter-clockwise no more than three rounds after the flow meter has been fully opened.

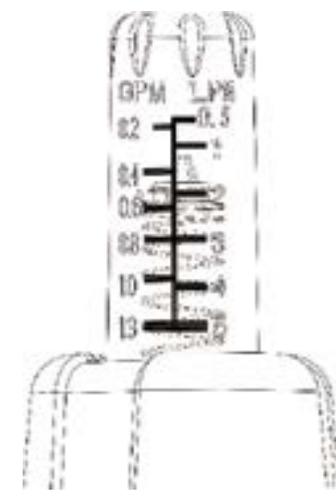


STEP 6

Standing position.



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





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Last Updated: 02/08/2019



If any parts are received damaged or defective, please contact us. We are happy to replace parts to ensure you have a fully functioning product.



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