

Manufacturer/Supplier Information

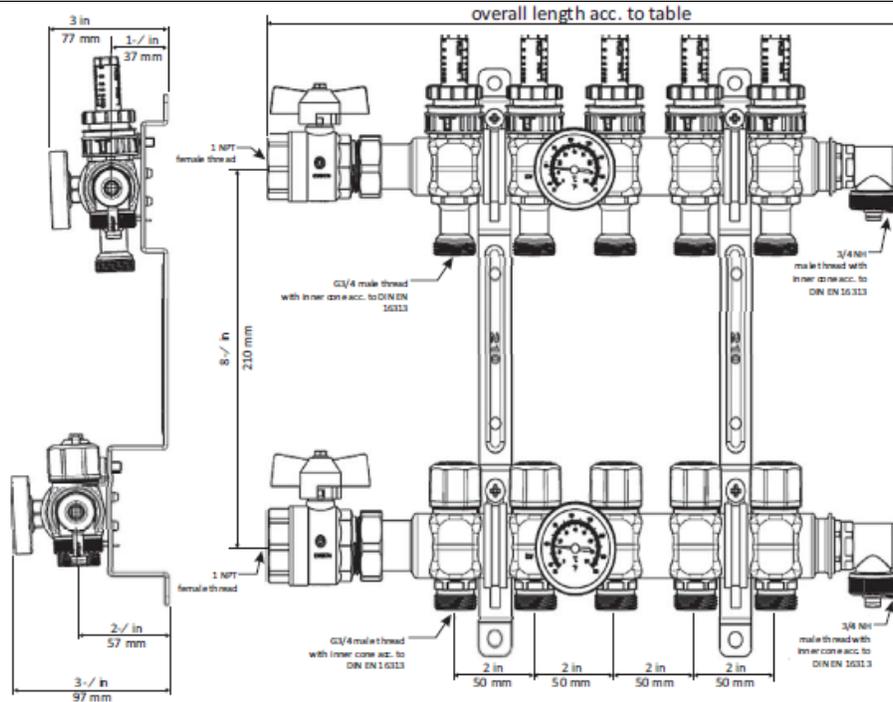
Product	Hydronic distribution manifold with Regolux® visual flow meters
Trade name	Myson Comfort Fit Manifold with Regolux
Manufacturer/Supplier	Rettig USA d.b.a. Myson

Material Description, Application, Use & Reference Standards or Listings

Material	Header - Stainless Steel (<i>type 1.4301/grade 304 – X5CrNi18-10</i>)
Application or Use	Hydronic system fluid distribution with individual circuit isolation and flow rate setting – not for potable water applications
Reference Standards or listings	DIN EN 10088 (material), 1264-4 (pressure & temperature), DIN EN ISO 6708, 16313, 228-1 (threads)
System Consideration	Air which is entrained in system pipes can cause poor or no flow conditions. Likewise, dirt and debris in system fluid can prevent Regolux flow meters from operating properly. Therefore, Myson recommends the installation of micro-bubble type air eliminators and dirt separator devices installed upstream of all manifolds.

Product Data (model number, size, physical data, and applicable performance data)

Manifold Dimensions



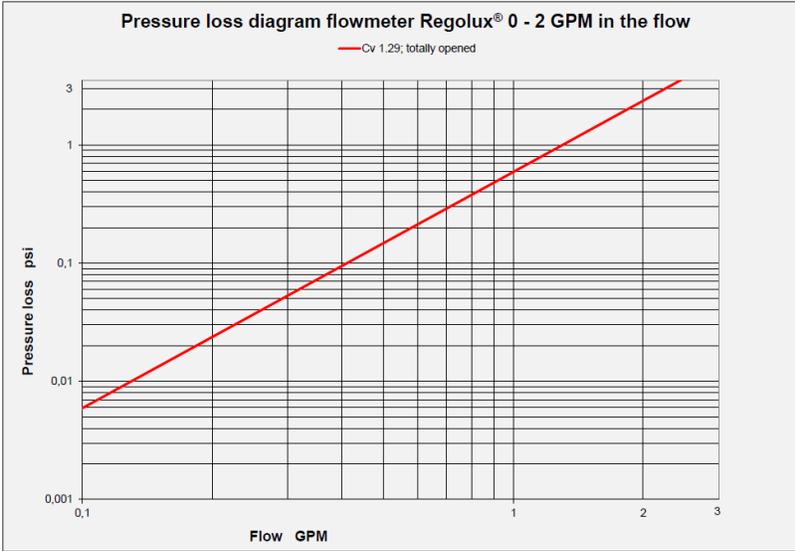
Article Number	Number of Circuits	Approximate Overall Length	
		Inches	mm
SSMANI-2	2	10	256
SSMANI-3	3	12	306
SSMANI-4	4	14	356
SSMANI-5	5	16	406
SSMANI-6	6	18	456
SSMANI-7	7	20	506
SSMANI-8	8	22	556
SSMANI-9	9	24	606
SSMANI-10	10	26	656
SSMANI-11	11	28	706
SSMANI-12	12	30	756

Operating Limits

Contact Information Regarding this Submittal: Rettig USA 44 Krupp Dr., Williston, VT 05495 phone: (802) 654-7500 (Jan 2016)

Operating temperatures	14°F and 158°F (-10°C and +70°C)
System fluid	Non-corrosive system fluid according to VDI 2035 Part 2, maximum glycol of 50% by volume
Maximum operating pressure	60 psi (4 bar)
Maximum test pressure	87 psi (6 bar)
Material	Stainless steel type 1.4301/grade 304 – X5CrNi18-10

Regolux flow meter (supply header) characteristics	
Flow coefficient Cv (Kv)	1.29 gpm @ 60°F = 1 psi (1.12 m ³ /h @ 16°C = 1 bar)
Flow setting range	0 – 2 gpm (0 – 7.6 l/m)
Accuracy	±10% (100% water)
Material (valve seat)	Brass/nickel plated C37710 (CW614N/CZ121 – CuZn39Pb3)
Material (seals, site glass)	EPDM, Grivory (glass-filled nylon)
Material (fill/drain valve)	Brass/nickel plated C37700 (CW617N/CZ122 – CuZn40Pb2)
Drain/fill connection	¾" NH (hose connection)



Thermostatic valve insert (return header) characteristics	
Flow coefficient Cv (Kv)	1.29 gpm @ 60°F = 1 psi (1.12 m ³ /h @ 16°C = 1 bar)
Connection thread	M 30 x 1.5
Valve closing length (stroke)	Approximately ½" (11.8 mm)
Closing force	20.2 lb. (90 N) – minimum force required when using a valve actuator (e.g. Myson item MYACT-4)
Material	Brass C35330 (CW602N/CZ132 – CuZn36Pb2As)

