

Job Name: _____

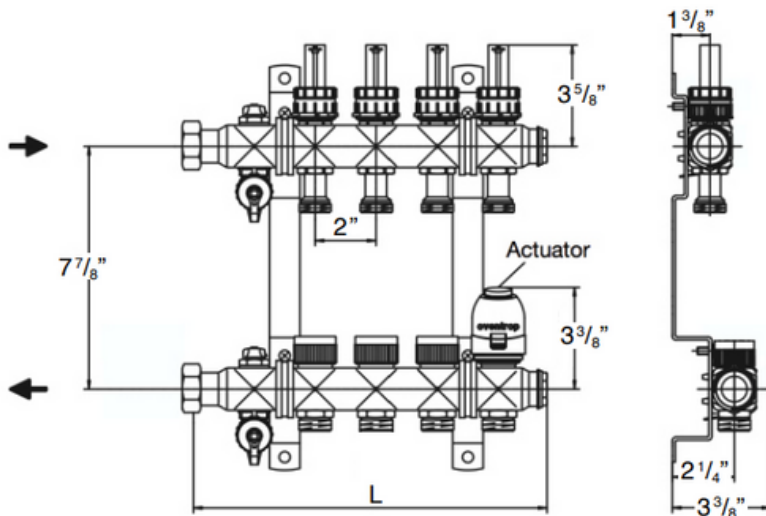
Submitted by: _____ Date: _____

Spec Section: _____

Job Location: _____

Engineer/Architect: _____

Approval: _____ Date: _____



Product specification:

Stainless steel manifold "Multidis SF" for surface heating and cooling systems, with valve inserts M 30 x 1.5 for thermostatic operation and integrated flow measuring and regulating devices, pre-assembled.

Maximum flow per circuit: 2.0 gpm
 Maximum working temperature: 176°F
 Maximum working pressure: 87 psi
 Maximum differential pressure: 14.5 psi

Stainless steel flow return manifold with valve inserts M 30 x 1.5, with nickel plated nipples, with Euroconus male threaded connection for Oventrop compression fittings, nickel plated collar nut for connection of a flat sealing solder tailpiece, fill and drain valve with standard hose connection, nickel plated manual air vent with rotating outlet, nickel plated blind plug end cap.

Stainless steel supply manifold with integrated flow measuring and regulating devices with lockshield caps, with nickel plated nipples, with Euroconus male threaded connection for Oventrop compression fittings, nickel plated collar nut for connection of a flat sealing solder tailpiece, fill and drain valve with standard hose connection, nickel plated manual air vent with rotating outlet, nickel plated blind plug end cap.

Brackets made of galvanised steel for the installation of the manifold in a cabinet or onto the wall are loosely added.

| Item number | Number of Circuits | L [inches] |
|-------------|--------------------|---------------------------------|
| 168 41 72 | 2 | 9 ⁵ / ₁₆ |
| 168 41 73 | 3 | 11 ⁵ / ₁₆ |
| 168 41 74 | 4 | 13 ¹ / ₄ |
| 168 41 75 | 5 | 15 ¹ / ₄ |
| 168 41 76 | 6 | 17 ³ / ₁₆ |
| 168 41 77 | 7 | 19 ³ / ₁₆ |
| 168 41 78 | 8 | 21 ¹ / ₈ |
| 168 41 79 | 9 | 23 ¹ / ₈ |
| 168 41 80 | 10 | 25 ¹ / ₁₆ |
| 168 41 81 | 11 | 27 ¹ / ₁₆ |
| 168 41 82 | 12 | 29 |

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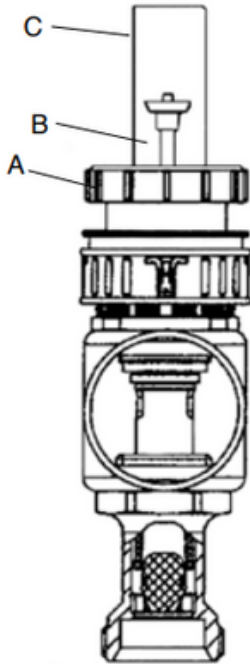
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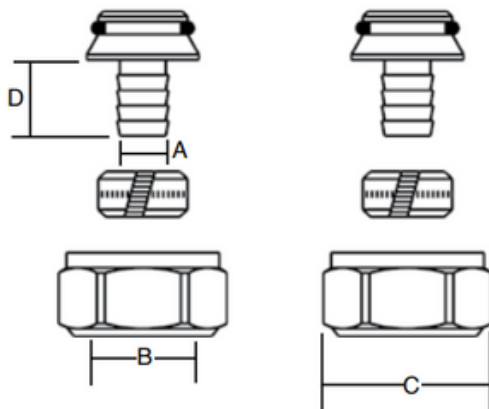


Flow setting

- 1 Open all valves on the return side manifold.
- 2 Make sure that circulators are running.
- 3 Lift locking sleeve(A) until it clicks into position.
- 4 At the first flow meter in line, set the desired flow rate by turning the locking sleeve(A) clockwise to reduce and counter-clockwise to increase flow.
- 5 Actual settings can be read on the scale(B) inside the glass(C).
- 6 Complete settings in all circuits continuing down the line, checking all settings and correcting if necessary.
- 7 Once the setting is completed, the flow meters should be protected against unauthorized tamperi



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| Size | Item number | A | B | C | D |
|------|-------------|-------|-------|-------|-------|
| 3/8" | 164 68 49 | 0.349 | 0.512 | 1.145 | 0.600 |
| 1/2" | 164 68 50 | 0.452 | 0.658 | 1.179 | 0.500 |
| 5/8" | 164 68 51 | 0.569 | 0.789 | 1.179 | 0.600 |

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Product specification:

1 Flow setting

Accessories:

Sweat tailpiece 140 70 08
 1 inch copper solder

Coupling 140 72 06
 for joining two manifolds
 total number of circuits shall not exceed twelve(12)

Sweat tailpiece with thermometer 140 98 06
 1 inch copper solder

Double feed adapter 140 71 06
 for feeding from both sides of manifold

2 Euroconus Fittings:
 US-PEX 3/8" 164 68 49
 US-PEX 1/2" 164 68 50
 US-PEX 5/8" 164 68 51