

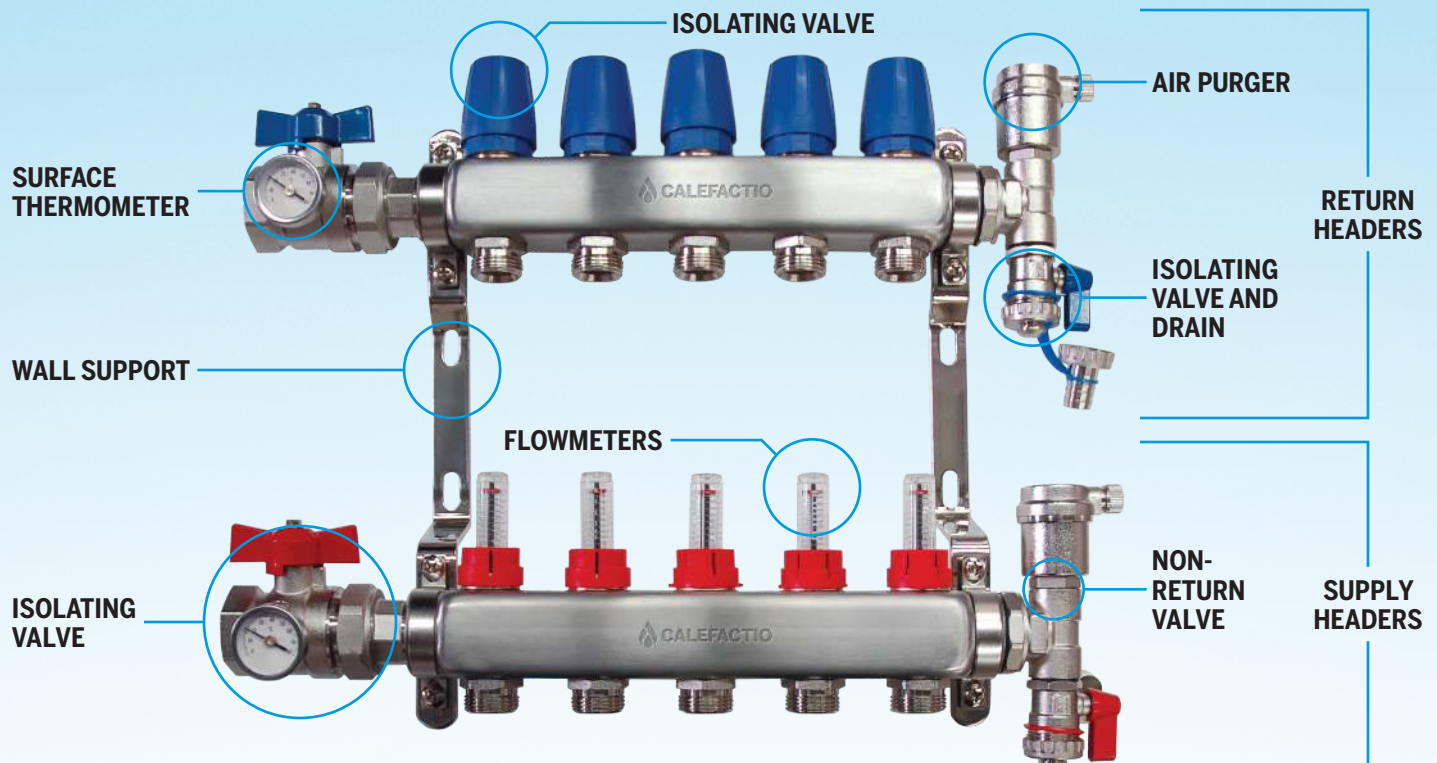
HEADERS

FOR RADIANT FLOOR HEATING

QUALITY

INNOVATION

RELIABILITY

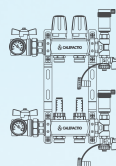


Calefactio's stainless steel manifold kit is delivered pre-assembled and ready to install. Headers are offered in 11 models (2 to 12 loops) with a maximum flowrate of 14 gallons per minute (GPM). They come in pair and the kit includes supply and return headers, isolating valve, wall support, flowmeter, surface thermometer (0-80°C), air purger and drain. The integrated flowmeters allow the user to adjust the flow easily in each loop. Circuit isolation valves are also compatible with 24 V actuators from Calefactio (#AC24VNC).

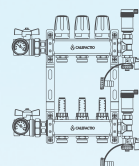
FEATURES AND BENEFITS

- ✓ Made of 304 stainless steel
- ✓ 1 in connections
- ✓ Pre-assembled on wall support
- ✓ Integrated flowmeters (5 LPM/1.3 GPM per loop)
- ✓ Maximum pressure: 125 PSI/862 kPa
- ✓ Maximum temperature: 230°F/110°C
- ✓ Provided with air purger and drain
- ✓ Compatible with 24V actuators from Calefactio (#AC24NC)
- ✓ NPT ball valve with integrated thermometer
- ✓ Compatible with glycol used for heating
- ✓ Possibility to isolate each loop with isolating valve and balancing valve

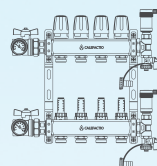
HEADER MODELS



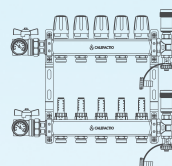
MAN2-SS100
2 loops



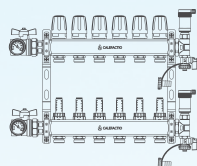
MAN3-SS100
3 loops



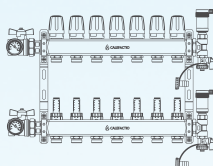
MAN4-SS100
4 loops



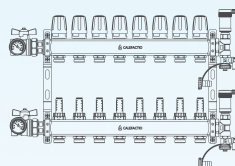
MAN5-SS100
5 loops



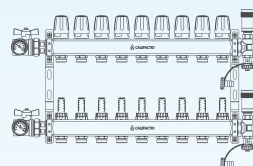
MAN6-SS100
6 loops



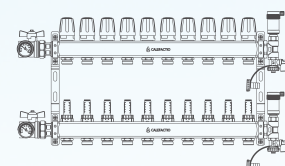
MAN7-SS100
7 loops



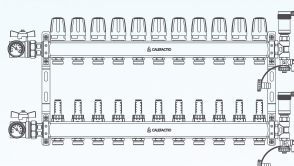
MAN8-SS100
8 loops



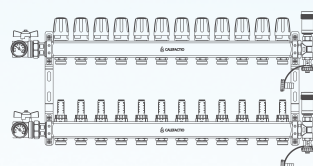
MAN9-SS100
9 loops



MAN10-SS100
10 loops



MAN11-SS100
11 loops



MAN12-SS100
12 loops

- ✓ 1 IN CONNECTIONS
- ✓ STAINLESS STEEL



ALSO AVAILABLE

ACTUATOR

MODEL AC24NC

Calefactio's 24V actuator allows to control the fluid distribution in the loops served by the header according to the thermostat request in different zones.



SPECIFICATION

Type of movement:	Linear movement
Max. actuator stroke:	3.5 mm
Working stroke on valve:	2.5 mm
Rated voltage:	24 V (+10% / -15%)
Frequency:	60 Hz
Power consumption:	2.0W (continuous duty)
Version:	NC (normally closed) with 2-wire
Initial movement time:	~ 90 seconds
Protection degree:	IP54 according to EN 60529
Electrical protection class:	Class II
Connecting cable:	Length 1m 2 x 2.0 mm ²
Ambient temperature range:	0°C up to 50°C during use
Storage temperature range:	-25°C up to 60°C
Mechanical connection:	Threaded ring nut M30 x 1.5

COMPRESSION FITTINGS

MODEL FITTING

FC12	1/2"
FC58	5/8"



SPECIFICATION

Insert barb/compression nut:	37700 brass
Compression ring:	37700 brass
Connection type:	3/4" BSPP
Max. Operating temperature:	180°F (82.2°C)
Max operating pressure:	100 psi (6.9 bar)
O-ring material:	EPDM

CALPEX-R

Cross linked polyethylene tubing with oxygen barrier.

MODEL	LENGTH
CALPEX-R-12-300	1/2" Radiant PEX 300 ft
CALPEX-R-12-500	1/2" Radiant PEX 500 ft
CALPEX-R-12-1000	1/2" Radiant PEX 1000 ft
CALPEX-R-58-300	5/8" Radiant PEX 300 ft
CALPEX-R-58-400	5/8" Radiant PEX 400 ft
CALPEX-R-58-500	5/8" Radiant PEX 500 ft
CALPEX-R-58-1000	5/8" Radiant PEX 1000 ft



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