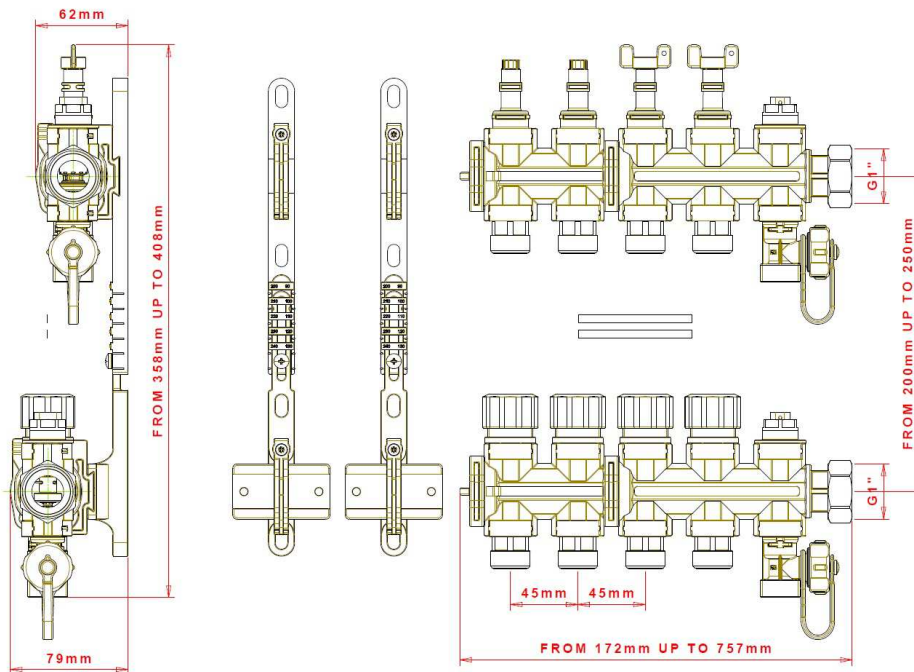


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MANIFOLD FOR HEATING AND COOLING SYSTEMS MODEL



PERFORMANCES	
FLUIDS ACCEPTED	Water, glycol solutions
% GLYCOL MAX	50%
WORKING TEMPERATURE	0+60 °C
MAX TEMPERATURE	90 °C at 3 bar
WORKING PRESSURE	0,2+6 bar
MAX TEST PRESSURE WITH WATER (24h <30°C)	10 bar
BURST PRESSURE	> 20 bar at room temperature > 15 bar at 50 °C

OPTICAL DATA	
COLOUR MANIFOLD BAR	RAL 9005 - black
COLOUR RETURN HAND WHEEL	RAL 5012 - blue
COLOUR FLOWMETER KEY	RAL 3020 - red
COLOUR FLOWMETER GLASS	Transparent
COLOUR NUMBERS ON THE GLASS	RAL 9005 - black
COLOUR MEMORY RING	RAL 3020 - red
COLOUR CLIP IN SUPPLY AND RETURN BAR	RAL 9005 - black

TECHNICAL CHARACTERISTICS	
TEMPERATURE RANGE OF THE HEATING/COOLING MEDIUM	0 – 60° C
PRESSURE RANGE OF THE HEATING/COOLING MEDIUM	0,2 – 6 bar
MAX TEST PRESSURE WITH WATER (24h <30° C)	10 bar
MAX TEST PRESSURE WITH INERT GAS (24h <30° C)	10 bar
TEMPERATURE RANGE OF THE ENVIRONMENT	-5° C to +70° C
FLOW MEDIUM	Heating water acc. VDI 2035 or glycol / water-mix
HUMIDITY OF THE ENVIRONMENT	Up to 90%

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SUPPLY PORT C/W FLOWMETER MODEL ITRGMD05FLSTM

MAX FLOW-RATE OF MANIFOLD	3,5 m ³ /h
FLOW-RATE RANGE	0+5 l/min
DEVIATION PERCENTAGE	+ 10%
MAX TORQUE TO ADJUST THE FLOW-RATE	1 N•m (please use the proper adjusting key)
Kv FLOW COEFFICIENT WHEN FULLY OPEN	0,98

RETURN PORT FOR THERMO ACTUATOR MODEL FTEV-ORP

MAX FLOW-RATE OF MANIFOLD	3,5 m ³ /h
Kv FLOW COEFFICIENT	1.56
STROKE OF PIN	3 mm.

MATERIALS

PA12	PPS	PEROXIDIC EPDM
PA6,6 / PA 6,6 GF30	PP	AISI
POM	GRIVORY	BRASS

