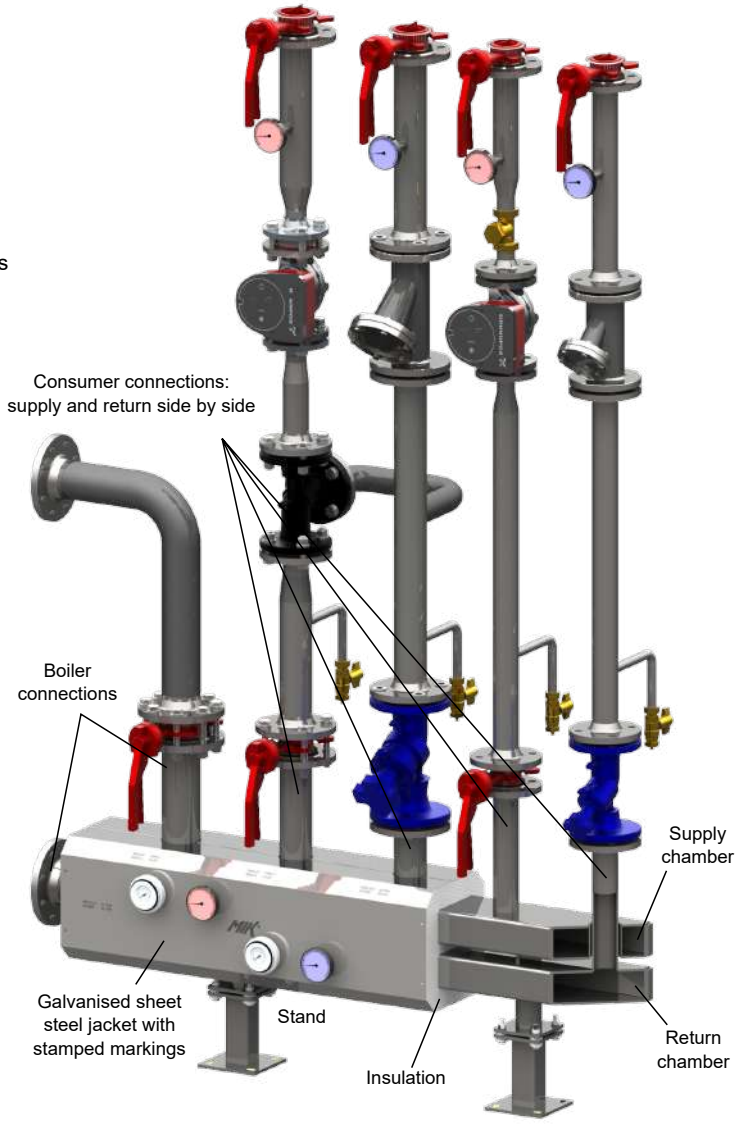
Combined supply and return manifolds with intermediane insulation HVI - up to 5955 kW

Combined supply and return manifold with intermediane insulation HVI

Up to 5955 kW output at the temperature difference of 20 °C and flow rate of 263 m^3/h

- □ Material: S235 carbon steel
- □ Compact construction with integrated supply and return
- □ Supply and return chambers thermally separated
- □ Supply and return connections located side by side
- □ Variable positions of boiler connections
- □ Consumer connections above and/or underneath
- □ Chambers filling/emptying connections with internal pipe thread
- □ Possible additional connections for temperature sensors/manometers
- □ Equipped with insulation and 1 mm galvanised sheet steel jacket with stamped supply and return markings
- □ Chambers coated with orange color zinc based primer (RAL 2004) acc. ISO 12944
- □ Manifold is pressure tested on 12 bars, max. working pressure 6 bar
- □ Equipped with wall brackets or stands



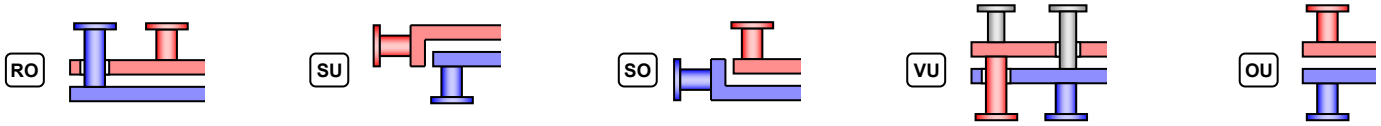
Technical specification

Boiler connections	variable
Consumer connections	variable
Possible insulation:	
Polystyrene 35 mm	EPS 35 mm (DIN 4102-B2)
Max. working temperature$_{EPS}$	90 °C
Vapour barrier	FEF 19 mm (EN 14304)
Max. working temperature$_{FEF}$	85 °C
Rock wool 50/100 mm	MW-EN 13162-T6-WL(P)-AF30-SD20-CP5
Max. working temperature$_{rock\ wool}$	110 °C
Max. working pressure	6 bar
Connections distance	variable
Produced acc.	2014/68/EU

Type	Manifold connections size	Max. manifold connections size	Flow rate	Output at Δt=20°C
HVI 80	DN25	DN40	2,3 - 3,3 m^3/h	50 - 75 kW
HVI 100	DN32	DN50	4 - 6,5 m^3/h	90 - 150 kW
HVI 120	DN50	DN65	8,5 - 13 m^3/h	190 - 290 kW
HVI 160	DN65	DN80	14 - 19,3 m^3/h	315 - 435 kW
HVI 200	DN80	DN100	19,3 - 32 m^3/h	435 - 725 kW
HVI 250	DN100	DN125	32 - 49 m^3/h	725 - 1100 kW
HVI 300	DN125	DN200	49 - 86 m^3/h	1100 - 1950 kW
HVI 400	DN150	DN200	71,8 - 120 m^3/h	1625 - 2700 kW
HVI 500	DN200	DN300	120 - 263 m^3/h	2700 - 5955 kW

Maximum manifold connections are possible in the following configurations:

- □ The number of maximum connection sizes is limited to 2



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