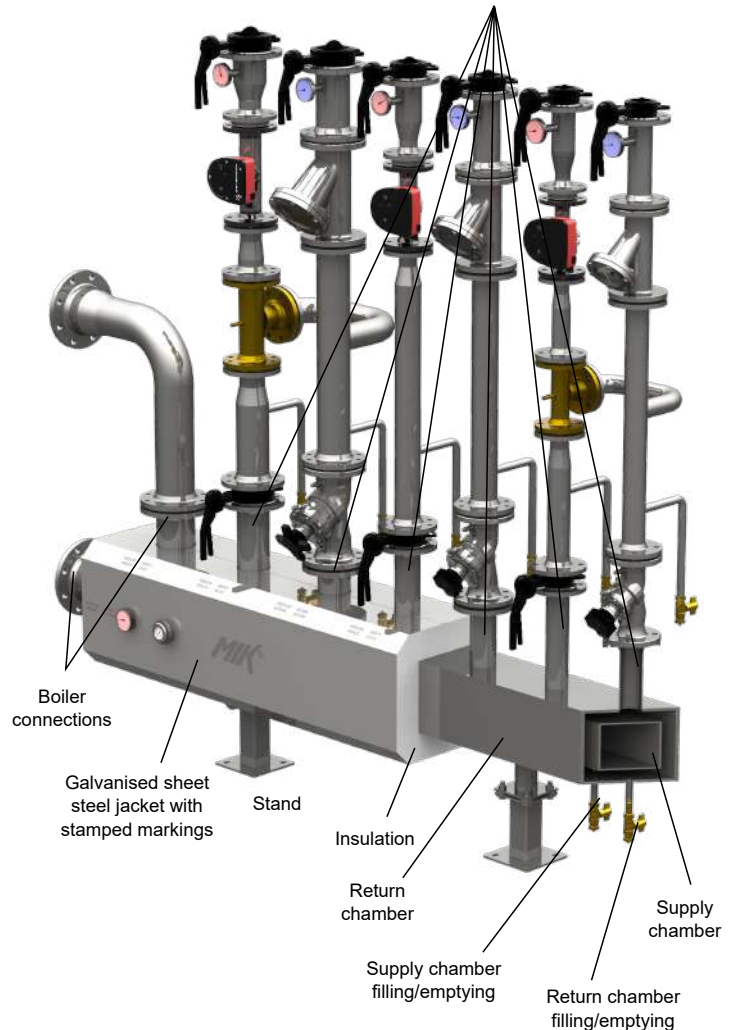


Combined supply and return manifold HV

Up to 5980 kW output at the temperature difference of 20 °C and flow rate of 264,3 m³/h

- Material: S235 carbon steel
- Compact construction with integrated supply and return
- 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

Consumer connections:
supply and return side by side



Technical specification

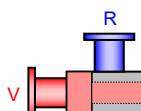
Boiler connections	variable
Consumer connections	variable
Possible insulation:	
Polystyrene 25/35 mm	EPS 25/35 mm (DIN 4102-B2)
Max. working temperature _{EPS}	90 °C
Vapour barrier	FEF 19 mm (EN 14304)
Max. working temperature _{FEF}	85 °C
Rock wool 50/100 mm	MW-EN 13162-T6-WL(P)-AF30-SD20-CP5
Max. working 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
HV 60	DN32	DN40	3,3 m ³ /h	75 kW
HV 80	DN40	DN50	5,3 - 7,3 m ³ /h	120 - 165 kW
HV 100	DN50	DN65	8,5 - 11 m ³ /h	190 - 245 kW
HV 120	DN65	DN80	14 - 17,8 m ³ /h	315 - 400 kW
HV 160	DN80	DN100	19,3 - 31,8 m ³ /h	435 - 720 kW
HV 200	DN100	DN125	32,5 - 42 m ³ /h	735 - 950 kW
HV 250	DN125	DN150	49 - 71,8 m ³ /h	1110 - 1625 kW
HV 300	DN150	DN200	71,8 - 118 m ³ /h	1625 - 2675 kW
HV 350	DN200	DN250	121,5 - 138 m ³ /h	2750 - 3130 kW
HV 400	DN250	DN300	181,5 m ³ /h	4110 kW
HV 450	DN300	DN350	251,8 m ³ /h	5700 kW
HV 500	DN350	DN400	264,3 m ³ /h	5980 kW

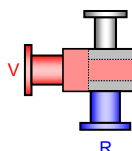
Maximum manifold connections are possible in the following configurations:

- The number of maximum connection sizes is limited to 2

SO



SU



V

