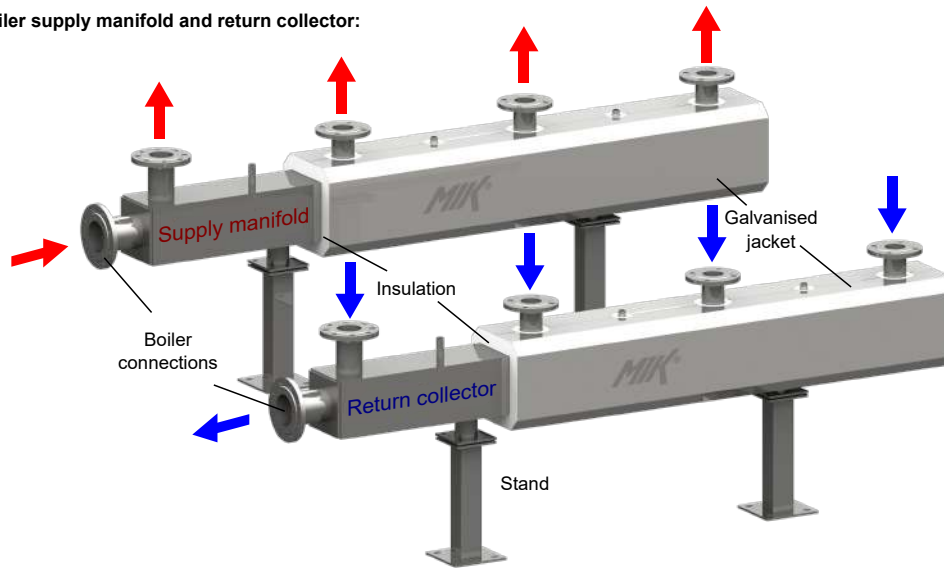


Single chamber manifold HVE

Up to 9845 kW output at the temperature difference of 20 °C and flow rate of 435 m³/h

Boiler supply manifold and return collector:



- Material: S235 carbon steel
- 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
- 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	Flow rate	Output at Δt=20°C
80	DN50	8,5 m ³ /h	195 kW
100	DN65	14 m ³ /h	315 kW
120	DN80	19,3 m ³ /h	435 kW
160	DN125	49 m ³ /h	1110 kW
200	DN150	71,8 m ³ /h	1625 kW
250	DN200	121,5 m ³ /h	2750 kW
300	DN250	191,8 m ³ /h	4340 kW
350	DN300	271,3 m ³ /h	6140 kW
400	DN300	271,3 m ³ /h	6140 kW
450	DN350	329,5 m ³ /h	7460 kW
500	DN400	435 m ³ /h	9845 kW