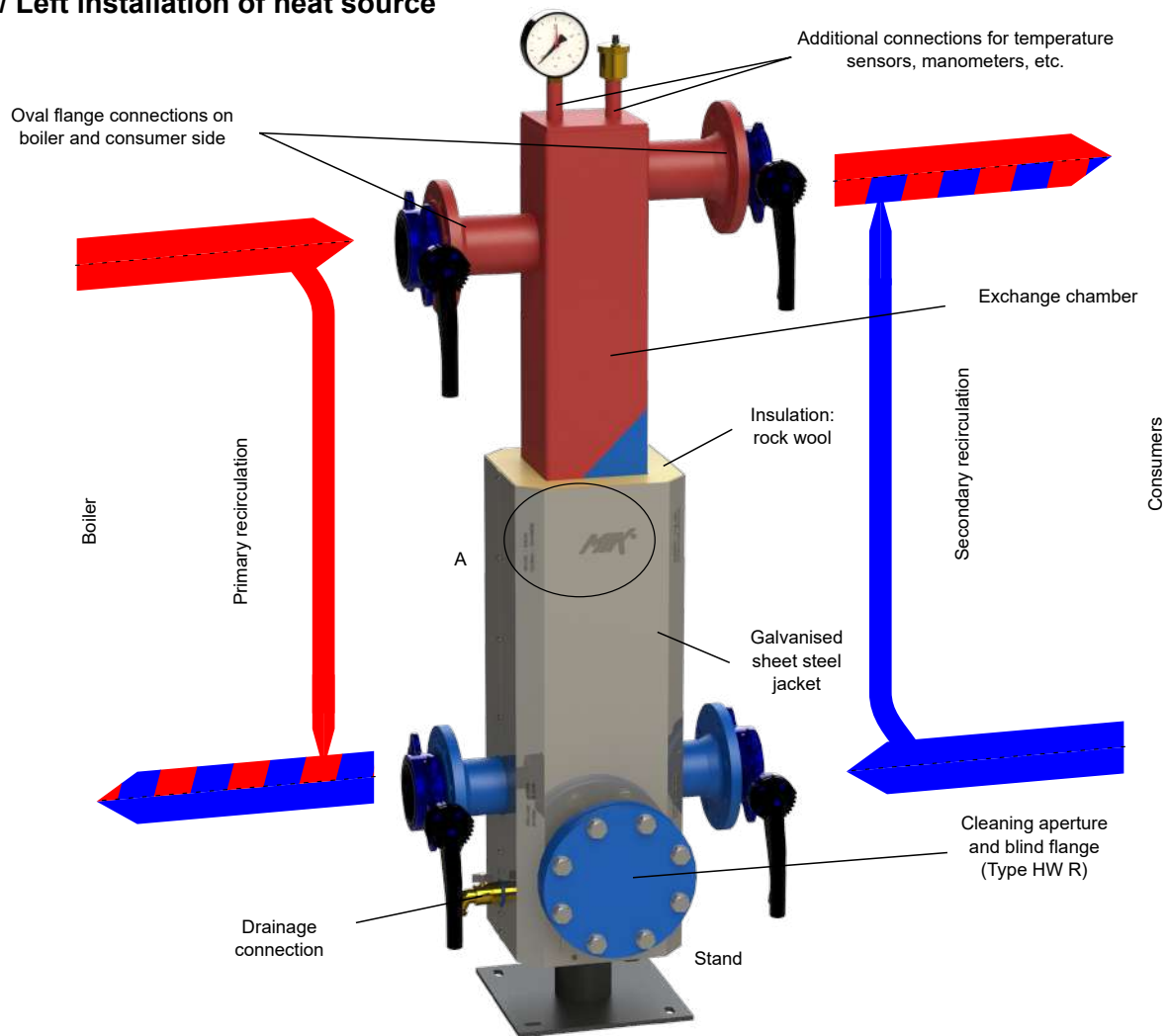


Hydraulic separators HW

Up to 6790 kW output at the temperature difference of 20 °C and flow rate of 300 m³/h

Heating / Left installation of heat source

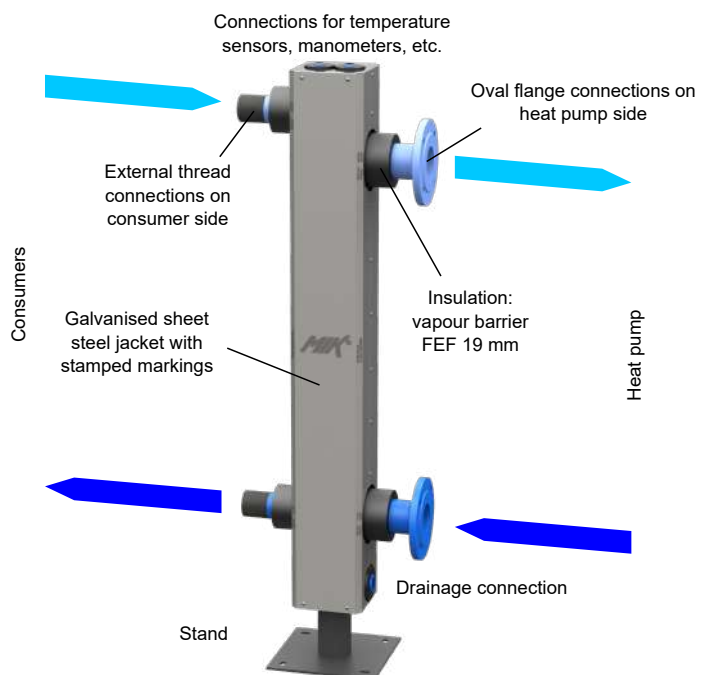


Detail A:

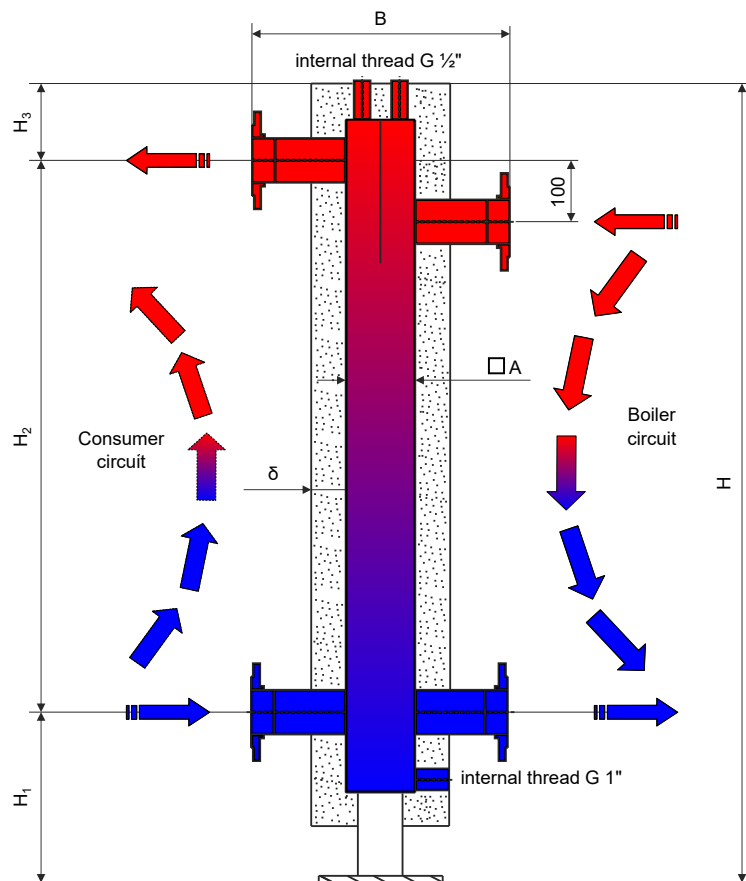
Supply and return markings stamped into sheet steel jacket



Cooling / Right installation of heat pump



- Material: S235 carbon steel
- Side connections for facing boiler and collector circuits
- Offset connections for improved bleeding
- Variable connection types possible (oval flanges/ threaded connection)
- Internal pipe thread connections for bleeding, temperature sensor and drainage
- Separator is anti-corrosion protected with primer
- Equipped with insulation for heating or cooling and 1 mm galvanised sheet steel jacket with stamped supply/return and boiler/consumer markings
- Insulation for heating: rock wool 50/100 mm (MW-EN 13162-T6-WL(P)-AF30-SD20-CP5)
- Insulation for cooling: vapour barrier FEF 19 mm acc. EN 14304
- Separator is pressure tested on 12 bars, max. working pressure 6 bar
- Possible variants:
 - Hydraulic separator without cleaning aperture HW
 - Hydraulic separator with cleaning aperture HW R



Type	Capacity		Connections size	Dimensions							Cleaning aperture	Volume [l]	Code
	Flow rate [m³/h]	Output at Δt=20°C [kW]		A [mm]	B [mm]	H [mm]	H ₁ [mm]	H ₂ [mm]	H ₃ [mm]	δ [mm]			
HW 100	9	205	DN50/PN6	100	400	950	335	500	115	50	-	8	600 100
HW 100 R	9	205	DN50/PN6	100	400	950	335	500	115	50	DN65	8	600 100 R
HW 120	12	270	DN65/PN6	120	420	1370	345	900	125	50	-	18	600 120
HW 120 R	12	270	DN65/PN6	120	420	1370	345	900	125	50	DN80	18	600 120 R
HW 160	20	445	DN80/PN6	160	460	1448	363	950	135	50	-	28	600 160
HW 160 R	20	445	DN80/PN6	160	460	1448	363	950	135	50	DN125	28	600 160 R
HW 200	28	630	DN100/PN6	200	500	1538	378	1000	160	50	-	50	600 200
HW 200 R	28	630	DN100/PN6	200	500	1538	378	1000	160	50	DN150	50	600 200 R
HW 250	43	975	DN125/PN6	250	750	1648	438	1000	210	100	-	78	600 250
HW 250 R	43	975	DN125/PN6	250	750	1648	438	1000	210	100	DN200	78	600 250 R
HW 300	64	1445	DN150/PN6	300	800	1690	460	1000	230	100	-	120	600 300
HW 300 R	64	1445	DN150/PN6	300	800	1690	460	1000	230	100	DN200	120	600 300 R
HW 350	93	2095	DN200/PN6	350	850	1816	544	1000	272	100	-	193	600 350
HW 350 R	93	2095	DN200/PN6	350	850	1816	544	1000	272	100	DN200	193	600 350 R
HW 400	126	2855	DN250/PN6	400	900	2000	605	1100	295	100	-	281	600 400
HW 400 R	126	2855	DN250/PN6	400	900	2000	605	1100	295	100	DN200	281	600 400 R
HW 450	169	3825	DN250/PN6	450	950	2000	605	1100	295	100	-	342	600 450
HW 450 R	169	3825	DN250/PN6	450	950	2000	605	1100	295	100	DN200	342	600 450 R
HW 500	213	4830	DN300/PN6	500	1000	2170	640	1200	330	100	-	450	600 500
HW 500 R	213	4830	DN300/PN6	500	1000	2170	640	1200	330	100	DN200	450	600 500 R
HW 600	300	6790	DN350/PN6	600	1100	2450	700	1400	350	100	-	670	600 600
HW 600 R	300	6790	DN350/PN6	600	1100	2450	700	1400	350	100	DN200	670	600 600 R