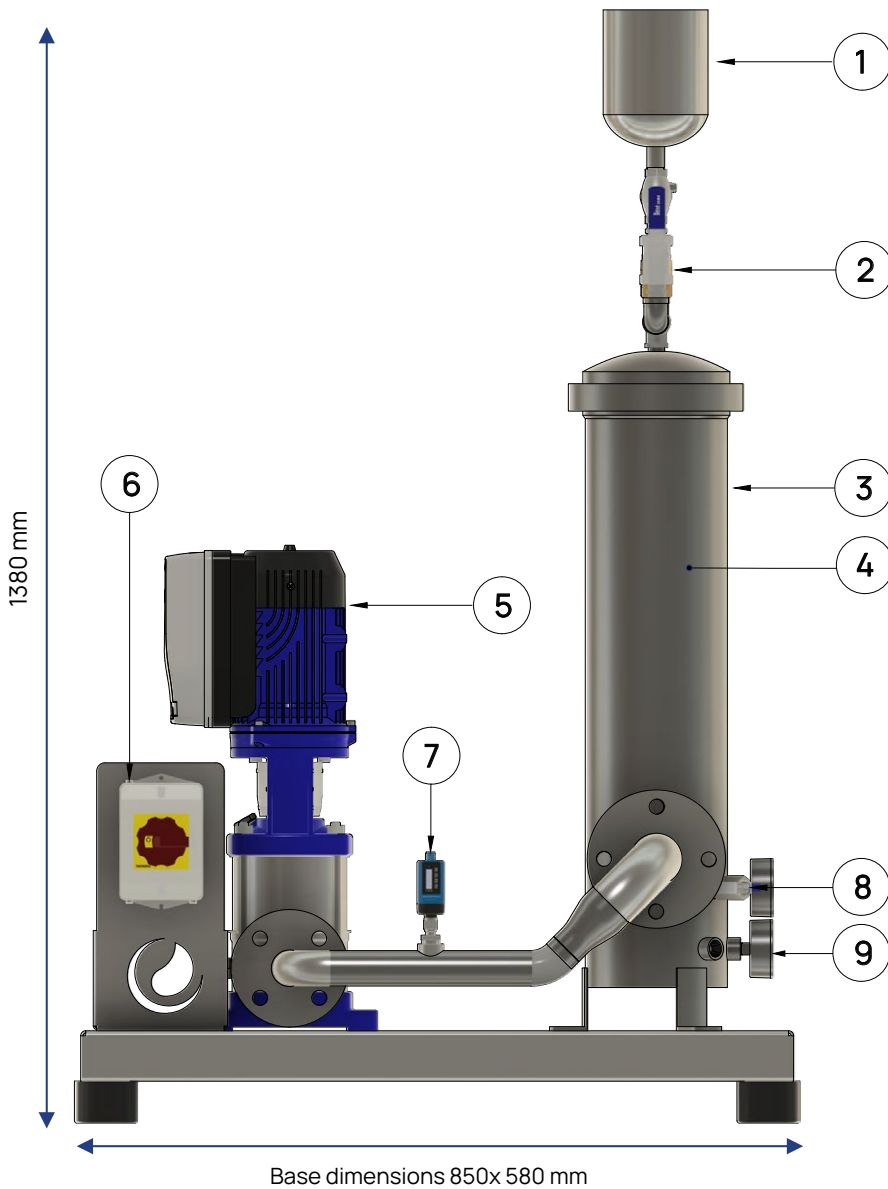


**CLOSED LOOP
SIDESTREAM FILTRATION**



HYDRA100B

Item	Feature
1	Tundish
2	Air release valve
3	Cartridge filter housing
4	Internal magnet
5	Smart pump with VSD
6	Main disconnect
7	Flow sensor for bag full
8	Isolation valves
9	10 bar gauge

Flow rate (lpm)			
Cartridge	Carbon	Depth	Pleated
20"	7.6	30	50

Housing unit capacity: three cartridges

Benefits

- ✓ Zero water loss – no backwashing or flushing required
- ✓ Low maintenance – includes an in-built bag-full BMS signal for minimal intervention
- ✓ Smart pump control – integrated sensors, controls, and BMS signal
- ✓ Compact, versatile skid-mounted design – easy to position and install
- ✓ Durable stainless steel construction – high resistance to corrosion
- ✓ Integrated magnet – enhanced removal of ferrous material
- ✓ Standard tundish integration – simplifies dosing

Key parameters

Max operating pressure	10 bar
Max operating temperature	90 °C
Filtration rating	Selectable ≥0.5 micron
Max flow rate	3.6 m ³ /h

Weight	62 kg
Pipe connection	1" BSP
Material	Stainless steel
TM65 Carbon Score	186 kg CO ₂ e