



HiFlux Auto-line filters are manufactured from stainless acid-proof EN 1.4404 steel. The filter meets current standards and norms for pressure vessels, complies with the EMC directive and is CE labelled. The VLR-E filter is available ready for installation, complete with electronic controller and automatic drain-valve.

- Design pressure: 10 bar
- Test pressure: According to EN 13445
- Max differential pressure: 3,0 bar
- Max working temperature: 80°C (Fluid grp. 2 and steam pre. ≤ 0,5 bar)
- Volume: 485 litres
- Weight: 650 kg
- Power supply: 3 x 230/400V, 50 Hz
- Flange connection: DN300 PN16 EN1092-1/11
- Drain: Rp2 or flange DN50 PN16 EN1092-1/11
- Sludgechamber volume: 22 litres
- Filtration: 100-150-200-300-500-1000 micron

Capacity
(at a viscosity of 1 cSt and as a pressure filter)

Diff. pressure	Strainer area cm ²	Capacity in m ³ /h / micron				
		100	150	300	500	1000
0,05	14.400	333	363	363	363	363
0,10	14.400	432	471	471	471	471
0,15	14.400	552	576	600	600	600
0,20	14.400	700	700	729	729	729

The filter should only be installed as a pressure filter in systems which have a positive overpressure (the surroundings must be taken into consideration).

All Auto-line filters are standardly produced according to the pressure equipment directive 2014/68/EC article 4, section 3.