

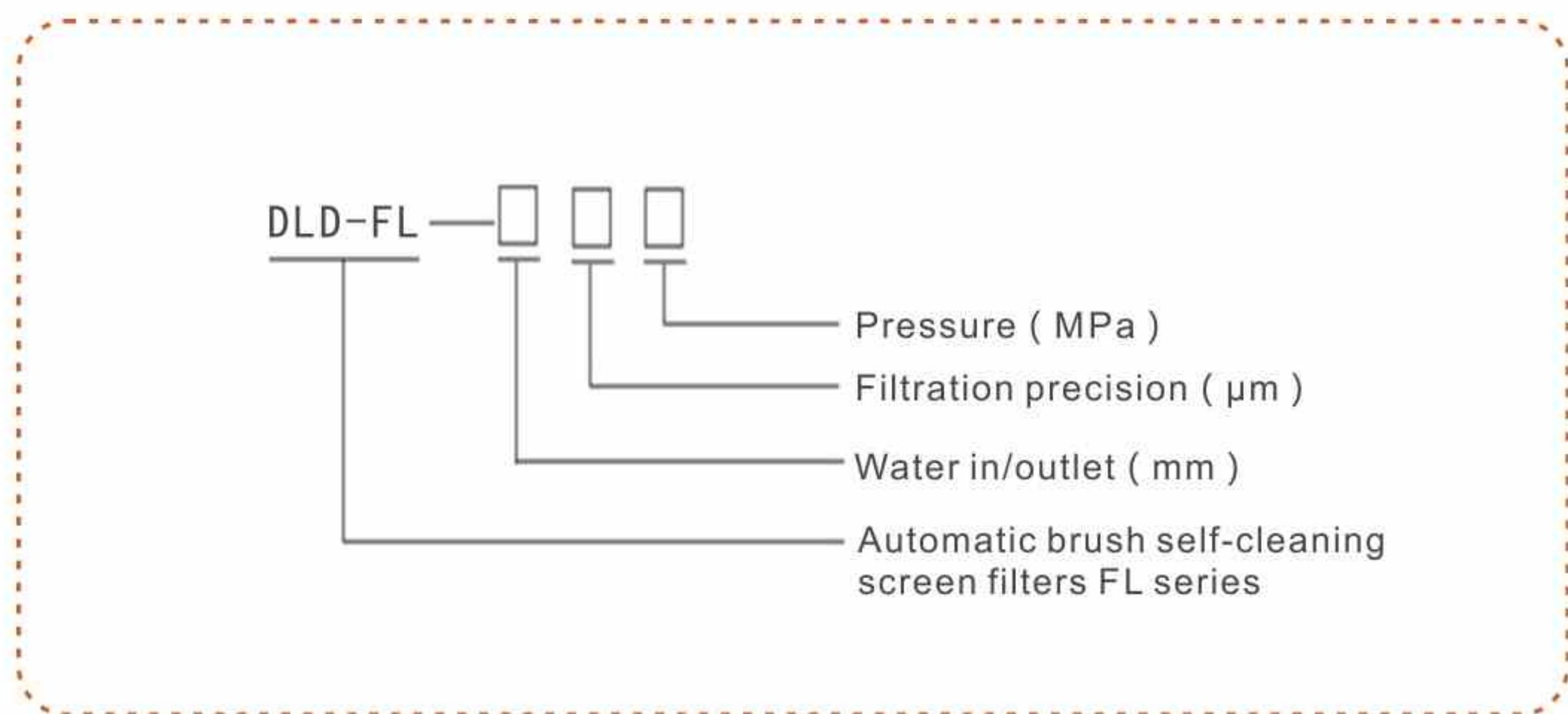
DLD ELECTRIC BRUSH SELF-CLEANING FILTER FL SERIES

PRINCIPLE DESCRIPTIONS

The water flows through the screen and the particles are retained on the screen of the filter element. The filtered water flows out through the outlet. When the particles accumulated to a certain number and the pressure differential increases to the pre-determined level, the flushing cycle starts. It includes two steps: First, the automatic drain valve opens on the drainage outlet. Then the electronic motor drives the cleaning brushes inside the screen and the solids are expelled through the drain valve. Filters continue to supply filtered water when back washing. The whole working system is controlled by controller which has several control modes: pressure differential, time, manual and PLC.



MODEL CLARIFICATION



FILTER MATERIAL

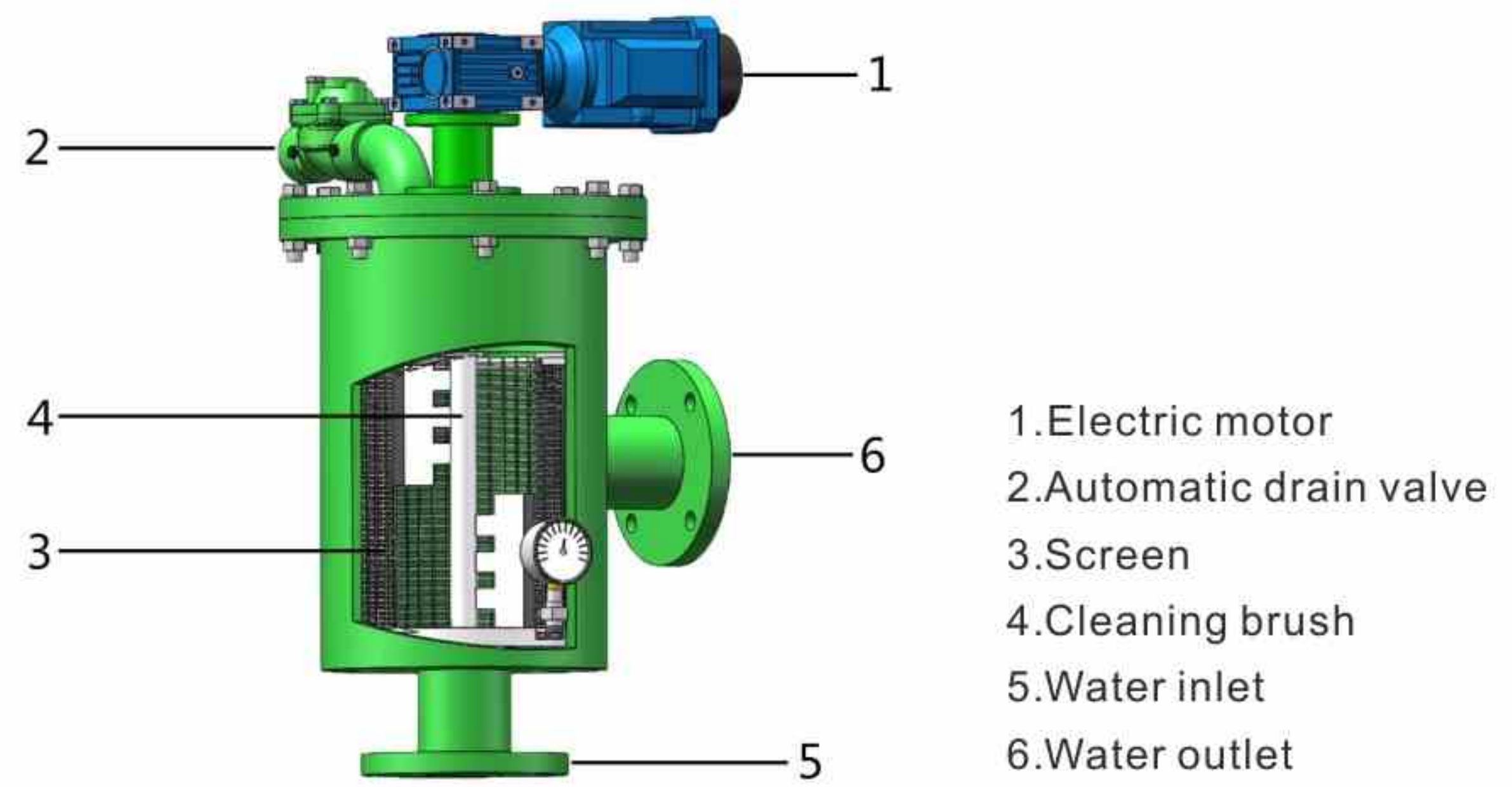
- Housing: Carbon steel/304 stainless steel/316L
- Mesh: 304 stainless steel/316L
- Brush: 304 stainless steel/316L
- Drain valve: Casting iron, copper, stainless steel, nylon
- Control box: PVC/Aluminium/stainless steel
- Sealing ring: EPDM rubber
- Cleaning brush: stainless steel/nylon

* Various materials can be provided according to the user's requirements. Please consult CDFS company for details.

TECHNICAL PARAMETERS

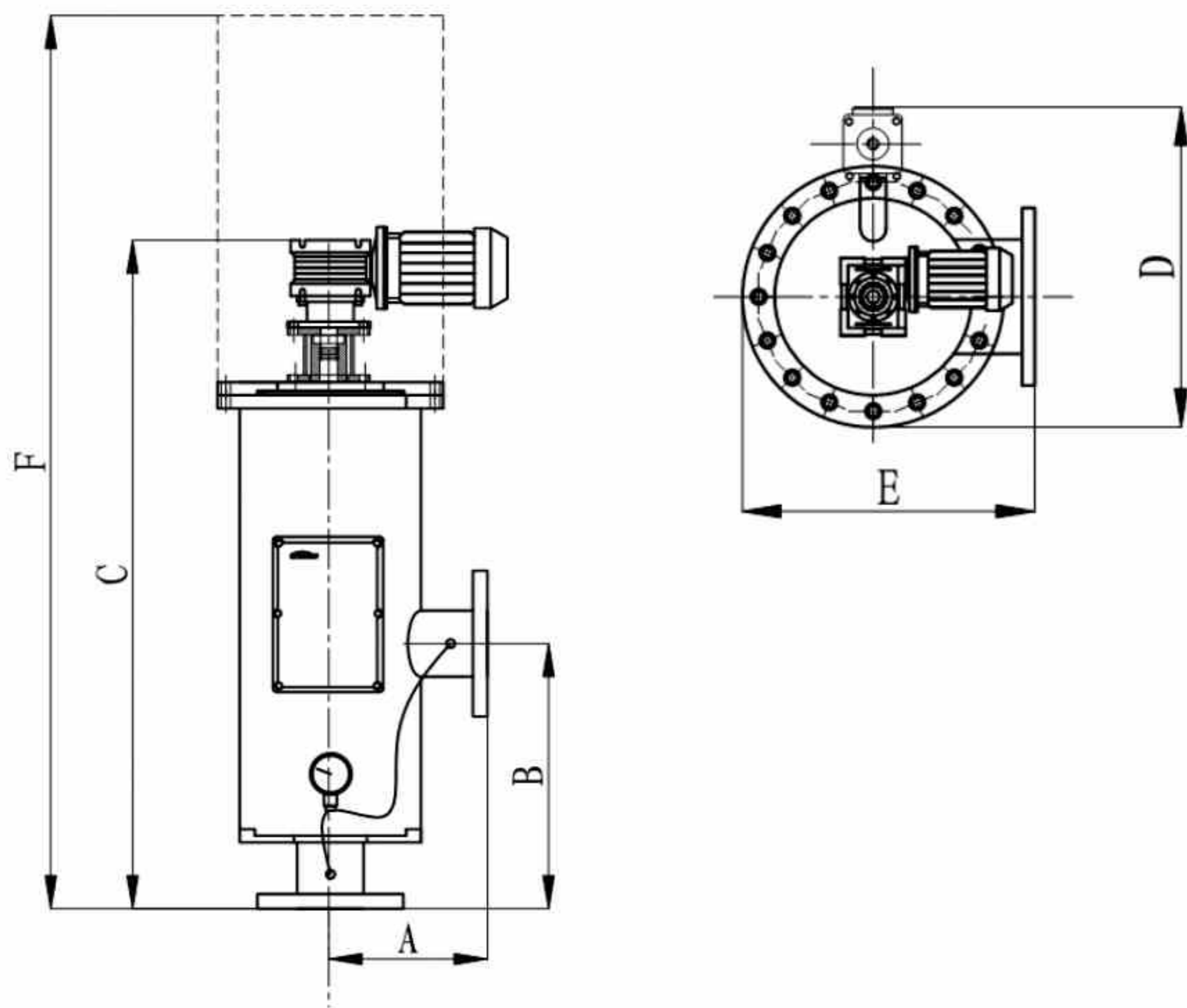
Single maximum filter flow: 4000m ³ /h
Filtration range: 4000µm~20µm
Max working pressure ≤ 16 bar (customized)
Min working pressure ≥ 1 bar
Working temperature ≤ 85°C
Power: 380V/50Hz (customized)
Control way: Pressure difference/time/manually/PLC
Cleaning way: brush
Cleaning time: 10~200 seconds (optional)
Drilling (4000~800µm)
Wedge (1000~50µm)
Woven composite (800~20µm)

PRODUCT STRUCTURE CHART

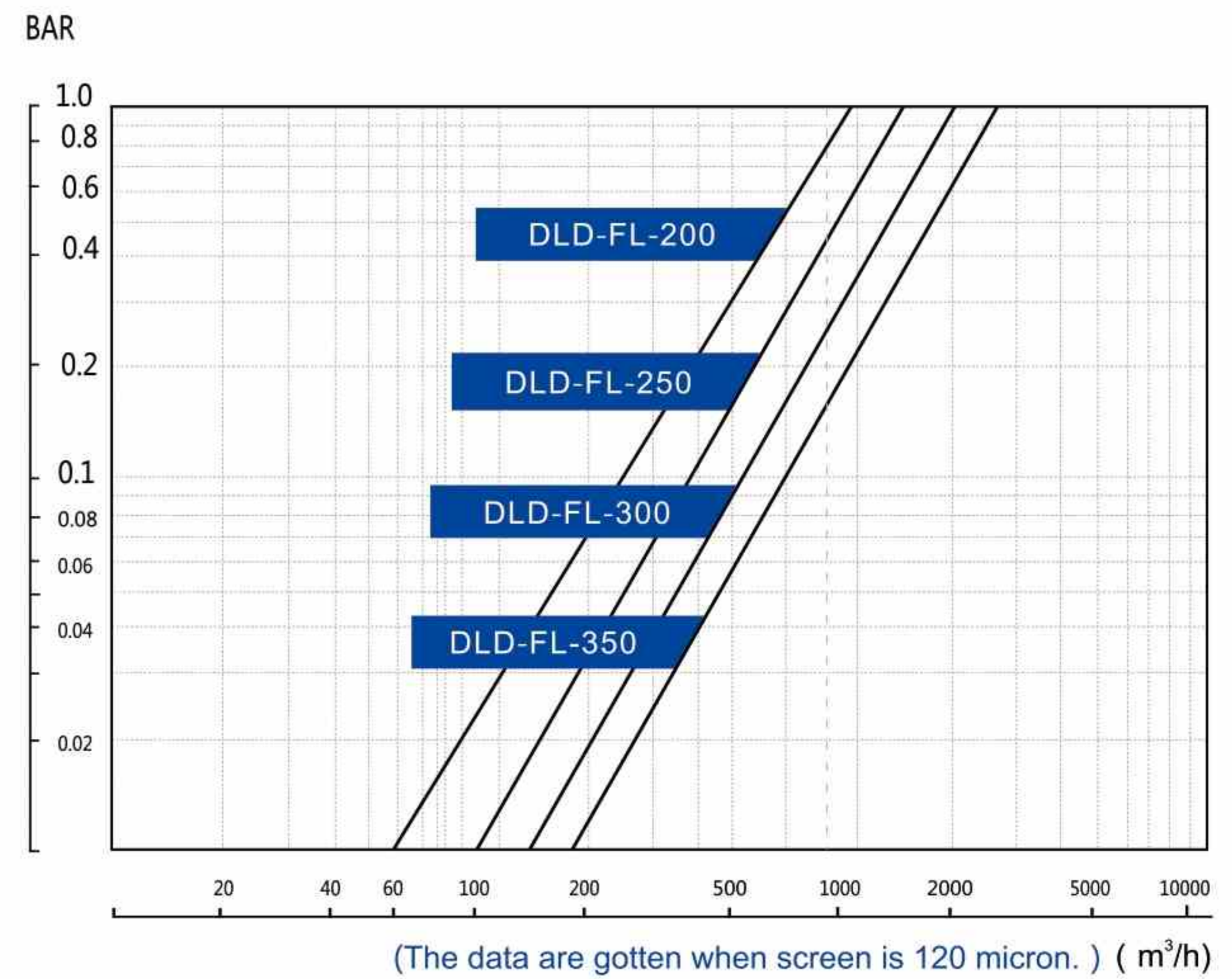


- 1. Electric motor
- 2. Automatic drain valve
- 3. Screen
- 4. Cleaning brush
- 5. Water inlet
- 6. Water outlet

SIZE CHART



THE TABLE PRESSURE LOSS

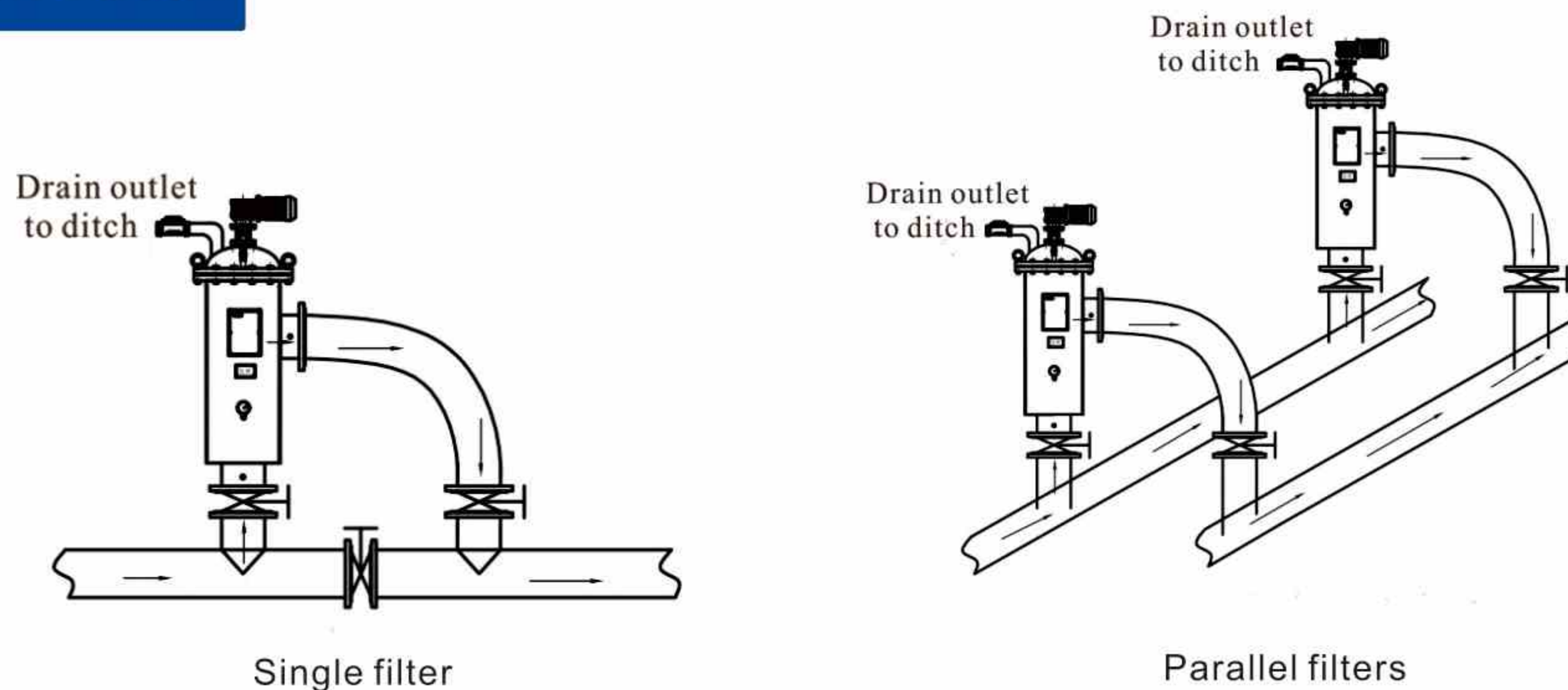


TECHNICAL DATA TABLE

MODEL	WATER IN/OUTLET (mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	DRAIN OUTLET (mm)	MOTOR POWER (KW)	FLOW (m ³ /h)	WEIGHT (Kg)
DLD-FL-50	50	240	250	700	560	420	900	25	0.12	19	50
DLD-FL-65	65	240	250	700	560	420	900	25	0.12	30	70
DLD-FL-80	80	240	250	700	590	420	900	40	0.12	50	80
DLD-FL-100	100	240	400	950	590	420	1250	40	0.18	80	105
DLD-FL-150	150	260	490	1080	610	420	1400	50	0.18	150	180
DLD-FL-200	200	330	590	1410	680	518	1860	50	0.25	320	235
DLD-FL-250	250	380	630	1490	780	620	1990	50	0.25	490	260
DLD-FL-300	300	415	790	1850	830	680	2650	50	0.37	710	420
DLD-FL-350	350	415	790	1850	830	680	2650	50	0.37	970	620
DLD-FL-400	400	465	790	1950	930	780	2750	50	0.37	1260	738
DLD-FL-450	450	510	790	1980	950	870	2860	50	0.37	1600	860
DLD-FL-500	500	510	790	2100	1050	870	3050	65	0.55	1970	910

* The actual flow is directly related to water quality and filtration precision. Please consult the company for details.

INSTALLATION FIGURE



* Note: the arrow in the diagram is the direction of flow. Vertical or horizontal installation and multiple parallel are available.