

Small Unit, High Capability!

1 Sludge is concentrated in the drum pod

- Simplified system without ejection mechanisms.
- Inline installation in small spaces is possible (above, beside tank).

2 Large drum pod allows for longterm operation

- 2 liter and 6 liter sizes are available.
- The large size allows for reduced downtime to discard sludge.

3 Transparent

- The drum pod is transparent so sludge accumulation can be easily monitored.

4 Easy to dispose

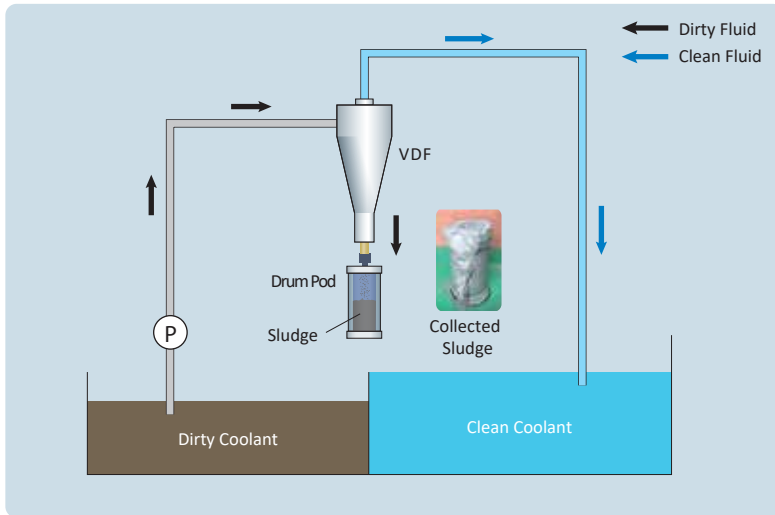
- Removal with onw-touch clamp band.

5 High efficiency filtration

- Removes 90% of 10 μm aluminium sludge (specific gravity 2.7).
- Reduces industrial waste.
- Reduces inital and running costs.

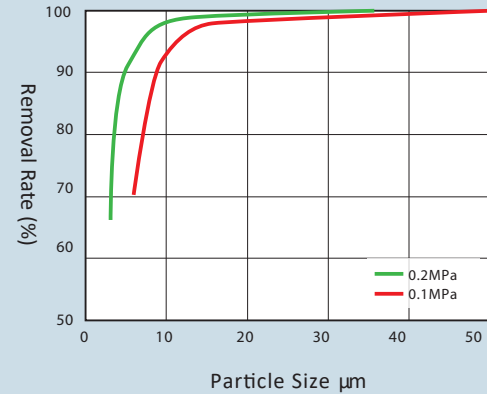


Flow Chart

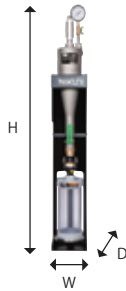


Removal Rate

Liquid: Water (specific gravity 1.0 kinematic viscosity 1 cst)
Sludge: Aluminum



Dimensions



Specifications

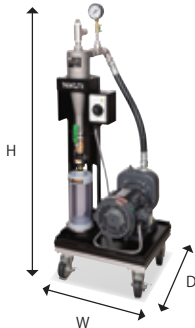
VDF, Drum Pod, and Mounting Base (Without Pump)

Model	DPV-30LW	DPV-50LW	DPV-70LW	DPV-100LW
Flow Rate (L/min.)	30	50	70	100
Dimensions (mm) WXDxH	170x200x1125	170x200x1160	170x 200x1165	170x200x1205
Weight (kg)	16	18	18	20

- VDF, drum pod, and mounting base, and piping set is also available.
- The processing flow rate is approximate. When selecting a pump, the processing flow rate should be achieved when the pressure is in the range of 0.15 MPa to 0.2 MPa.

VDF, Drum Pod, and Mounting Base, Pump, and Switch Box

Model	DPVF-50LW-P5 (6)	DPVF-100LW-P5 (6)
Flow Rate (L/min.)	46	90
Power Supply	AC200V 3相	AC200V 3相
Rated Current (A)	3.2/3.0 (50/60Hz)	6.0/5.8 (50/60Hz)
Dimensions (mm) WXDxH	430 x 480 x 1415	430 x 480 x 1450
Weight (kg)	70	80



Drum Pod

Model	SPD-100PV	SPD-100PVL
Capacity (L)	2	6
Dimensions (mm)	Φ130-H280	Φ230-H245
Weight (kg)	1.2	5
Heat Resistance ()	40	40
Working Pressure (Mpa)	0.2	0.2
Material	PVC	PVC



- The VDF can be made from resin as well.
- When the sludge volume is large a primary treatment should be considered.