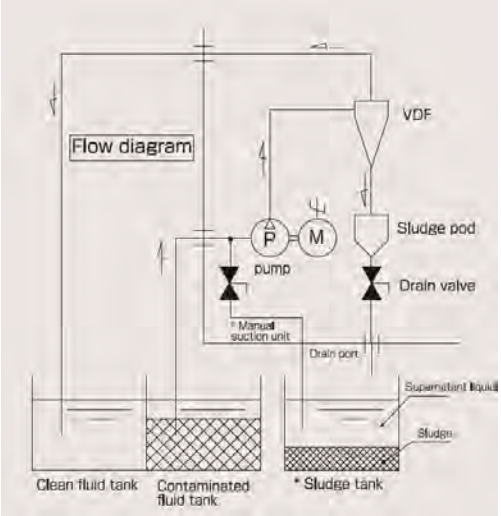
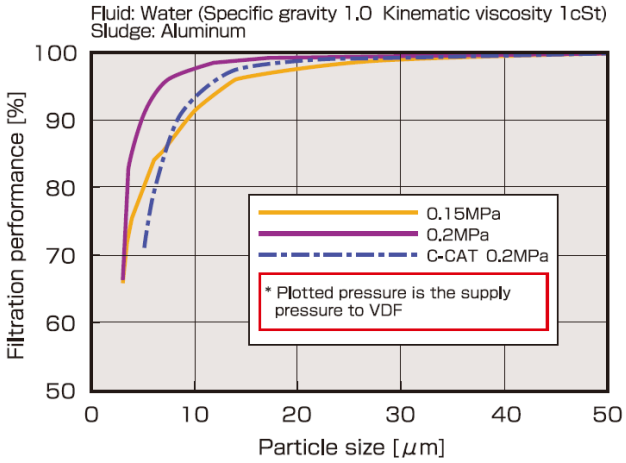
C-CAT



Filtration Performance vs. Pressure Supply



Particle size [μm]	3 μm	5 μm	10 μm	15 μm	25 μm
Aluminum (specific gravity 2.7)	65	88	95	98	99
FC (specific gravity 7.21)	70	90	97	99	99

Figure 1 shows VDF CL-100 performance for removing aluminum sludge.

The VDF provides filtration of approx. 65% of aluminum particles contained in water for 3μm size, over 95% for 10μm, and 99% for 25μm at the supply pressure of 0.2MPa.

Higher performance is expected for FC or SCS material which has higher specific gravity than aluminum.

C-CAT Specifications

Model	Filtration Capacity		Power Requirement	
	L/min	GPM		
C-CAT M30	35	9.2	450	AC210V±10%; 4.1 A
C-CAT M50	65	17.1	460	AC210V±10%; 7.6A
C-CAT M70	80	21.0	465	AC210V±10%; 7.6A
C-CAT M100	100	26.3	465	AC210V±10%; 7.6A
C-CAT M200	195	51.0	538	AC210V±10%; 9.0A
C-CAT M300	280	74.0	538	AC210V±10%; 9.0A

C-CAT Dimensions (unit: inches)

Model	L (mm, inches)		W (mm, inches)		H (mm, inches)		Weight (kg, lbs)	
C-CAT M30	410	16.14	450	17.72	1300	51.18	60	132
C-CAT M50	415	17.52	460	18.11	1340	52.76	65	143
C-CAT M70	520	17.52	465	18.11	1340	52.76	75	143
C-CAT M100	520	17.52	465	19.29	1355	53.35	80	154
C-CAT M200	735	28.94	538	21.18	1870	73.62	100	221
C-CAT M300	735	28.94	538	21.18	1903	74.92	105	232