



### VorSpin Hydrocyclone Performance Chart

Model Number	Operating Pressure	Process Rate	Separation Efficiency
	PSI (BAR)	gpm (lpm)	Microns* (µM)
AZ-VS-2a	30 - 40 (2.0 - 2.7)	5 - 10 (19 - 38)	7 - 10
AZ-VS-3a	40 - 45 (2.7 - 3.0)	15 - 25 (57 - 95)	10 - 12
AZ-VS-4	40 - 50 (2.7 - 3.3)	50 - 60 (190 - 228)	12 - 17
AZ-VS-6	45 - 60 (3.0 - 4.0)	75 - 85 (285 - 323)	15 - 18

\*Based on water as the carrier medium and sand/silt as the suspended solids.  
(5% by volume at temperature 74°F)

### VorSpin Hydrocyclone Dimensional Chart

Model Number	Body Dimension	Length	Feed Inlet Size	Overflow Outlet Size	Apex Nozzle Size	Net Weight
	IN (mm)	IN (mm)	IN (mm)	IN (mm)	IN (mm)	lbs (kg)
AZ-VS-2a	2 (50)	10.2 (259)	½ (12.5)	¾ (18.8)	⅛ - ¼ (3 - 6)	3 (1.4)
AZ-VS-3a	3 (75)	14.2 (361)	1.0 (25)	1.5 (37.5)	¼ - ⅜ (6 - 9)	8 (3.6)
AZ-VS-4	4 (100)	17 (425)	2.0 (50)	2.0 (50)	⅜ - ½ (9 - 12.5)	15 (6.8)
AZ-VS-6	6 (150)	18 (450)	3.0 (75)	3.0 (75)	½ - ⅝ (12.5 - 15.0)	22 (10)

\*When selecting a VorSpin Hydrocyclone model for a specific particle size separation range – multiple VorSpin Hydrocyclones can be manifolded on a unitized manifold for a desired process rate.