

1 Cu. Ft. Vertical Blender Specifications and Dimensions

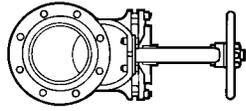
STANDARD FEATURES:

- 1 cu. ft. working capacity
- Stainless steel type 304 wetted parts
- 150 grit finish on interior and exterior stainless steel surfaces
- Neoprene O-ring
- Designed for vacuum operation
- Cover includes (2) 3" sight and charge ports and (1) 6" charge port, all with quick disconnect clamps
- Safety limit switch to prevent operation when cover is raised
- Dual post hydraulic lift to raise and lower cover
- Cone includes a 15 psi stainless type 304 jacket for heating or cooling
- Thermocouple in side wall of cone
- 2" manually operated flush type ball discharge valve in cone bottom
- 1/3 HP orbital arm and 1/2 HP screw explosion-proof motors are provided. The motor speeds are regulated by NEMA 1 inverters for 230 volt, 50/60 Hz, three phase input. Maximum orbital speed is 2.5 rpm, maximum screw speed is 100 rpm
- The entire blender and drives are mounted on a free standing frame
- All exterior non-stainless steel components are painted with a white two-part epoxy

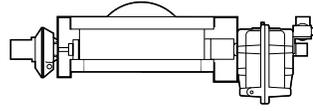
OPTIONAL FEATURES:

- Wetted parts of carbon steel, stainless steel 316 or special alloys
- Internal pressure construction
- Sanitary type construction
- Openings as required
- Split and hinged cones for special applications
- Side access and clean-out ports
- Spherical and Knife gate discharge valves
- TEFC motors and controls
- Spray nozzles for liquid introduction
- Lumpbreakers for solids or agglomerates size reduction
- Dimpled or baffled jackets for heating or cooling
- Thermocouples for temperature readout
- Special gasket materials such as Viton are available

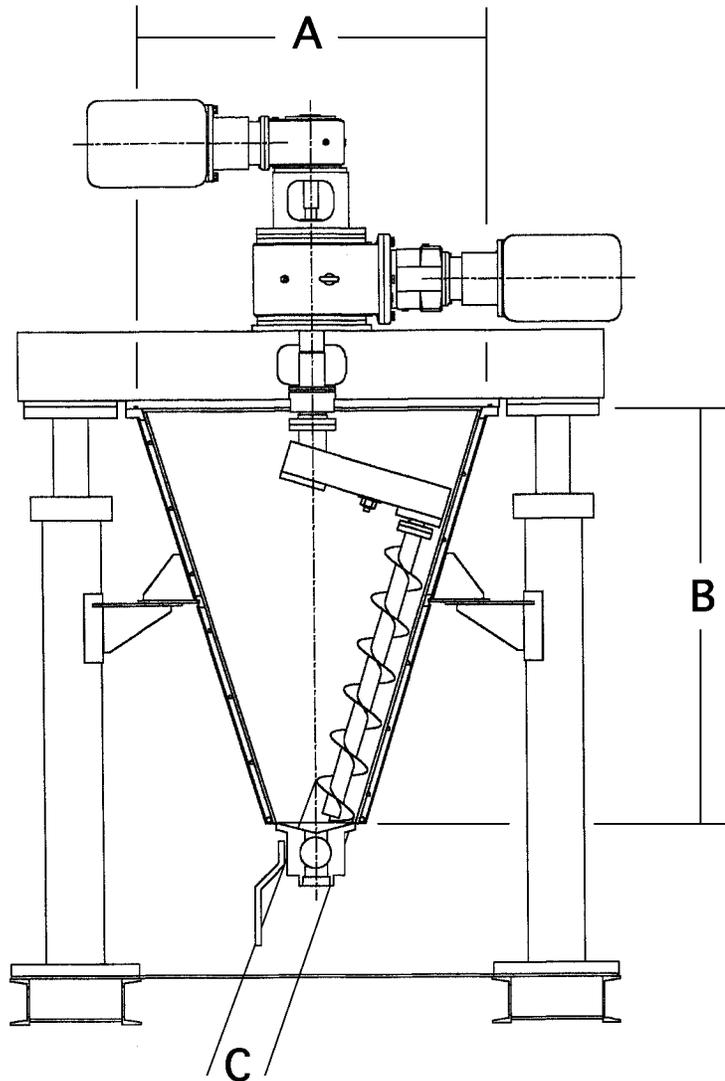
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Optional Slide Gate Valve – ideal for dust-tight, liquid-tight, or vacuum-tight operation.



Optional Spherical Valve – pneumatically operated, this valve minimizes dead space and provides a large discharge opening.



Model	Working Cap Cubic Feet	A Upper Cone Diameter	B Cone Height	C Screw Diameter	Screw HP	Swing Arm HP	Screw RPM	Swing Arm RPM	Width	Depth	Raised Height	Lowered Height
V-1	1	22	29	4	1/2	1/3	100	2.5	49 1/4"	35 1/8"	92 1/2"	74"

VBL-12-00



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