

Application

The Bag Dump Station with integral dust control and the Bag Dump Hopper allow the introduction of dry bulk material to a vacuum system, pressure system, or directly to a feeder or mixer.

Design

The Bag Dump Station with integral dust control is designed to ensure a clean, dust-controlled environment while making it easy to unload material received in bags. As the operator unloads material, the station's direct drive fan draws dust-laden air away from the operator. The dust is routed to the continuous reverse cartridge filters.

The Bag Dump Hopper is designed to provide an economical means of unloading bags. The hopper may be integrated with a central exhaust system to provide dust control functionality.

Technical Data

Bag Dump Station with Integral Dust Control

Standard Features

- Carbon steel construction, outside surfaces painted RAL 7035 gray w/ FDA epoxy-coated interior or 1.4301 (AISI 304) stainless steel construction
- Factory-wired control panel with main disconnect, operator push buttons and motor starter
- Supply power: 460/380 VAC, 3-phase, 4 A, 50/60 Hz
- Filtration area of 9 m² [100 ft²] of 100% spun bond polyester
- 1.1 kW [1.5 HP] exhaust fan with 18 m³/min [620 ft³/min] air flow
- Heavy duty fabricated construction
- Light weight access door with integrated gas spring
- 305 mm [12 in] square discharge for mounting a probe box
- Rigid grate to prevent entry of unwanted pieces into the system
- Vibrator mounting pads
- Nominal 889 mm [35 in] dump height with a 330 mm [13 in] discharge clearance
- Gross capacity up to grate level: 212 dm³ [7.5 ft³]
- CE compliant

Bag Dump Hopper - No Filtration

Standard Features

- Carbon steel construction, outside surfaces painted RAL 7035 gray w/ FDA epoxy-coated interior or 1.4301 (AISI 304) stainless steel construction
- 125 mm [5 in] O.D. vertical vent stub for connection to central exhaust system
- Exhaust air blast gate
- Heavy duty fabricated construction
- Light weight access door with integrated gas spring
- 305 mm [12 in] square discharge for mounting a probe box
- Rigid grate to prevent entry of unwanted pieces into the system
- Vibrator mounting pads
- Nominal 889 mm [35 in] dump height with a 330 mm [13 in] discharge clearance
- Gross capacity up to grate level: 212 dm³ [7.5 ft³]

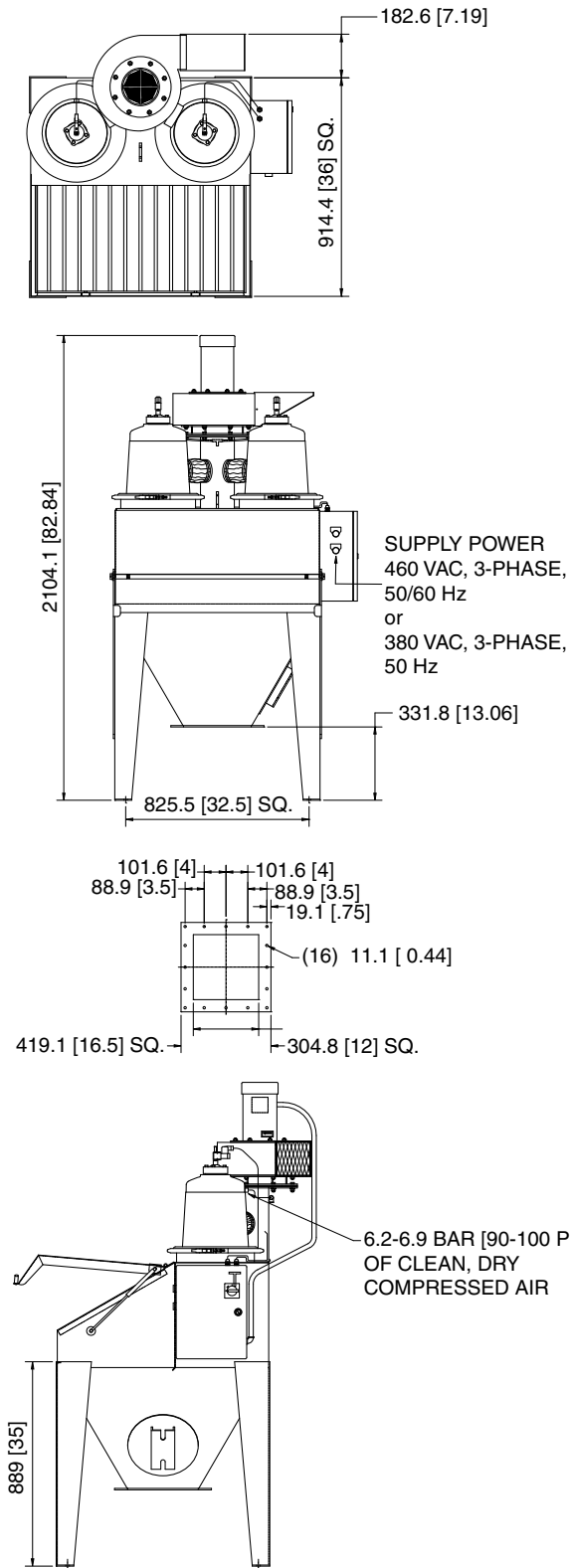
Options

- 1.4301 (AISI 304) and 1.4404 (AISI 316) stainless steel and aluminum construction
- Epoxy-coated interior
- Aeration pads
- Vibrator
- Level probes
- Dust collection fan and filter
- Custom discharge, support stand or clearance
- Bag disposal station
- Explosion-proof NEMA 7 or 9 construction
- NEC Hazardous Location: Class I, Div. 1, Groups G & D
- ATEX versions available

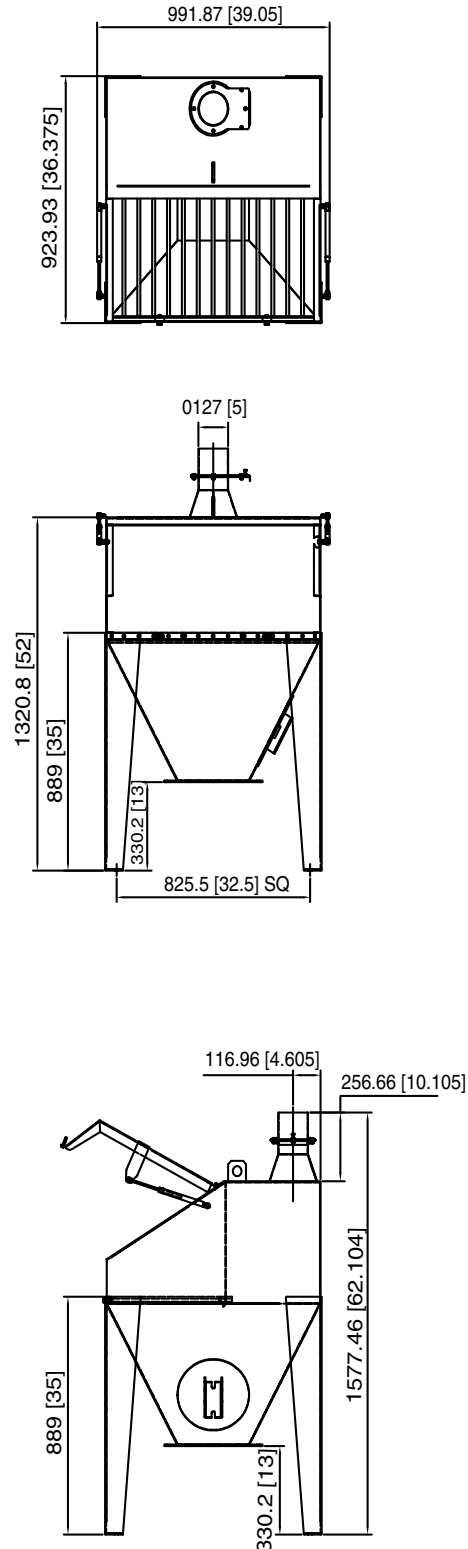


Bag Dump Station with
Integral Dust Control

Bag Dump Station Dimensions mm [in]



Bag Dump Hopper Dimensions mm [in]



Caution: Measurements are for general reference only. Please consult dimensional drawing for exact measurements.