

INNOVATION IN AUTOMATION

Bag Dumps

CUT SHEET

COMPONENTS



BULK



MINORS



LIQUIDS



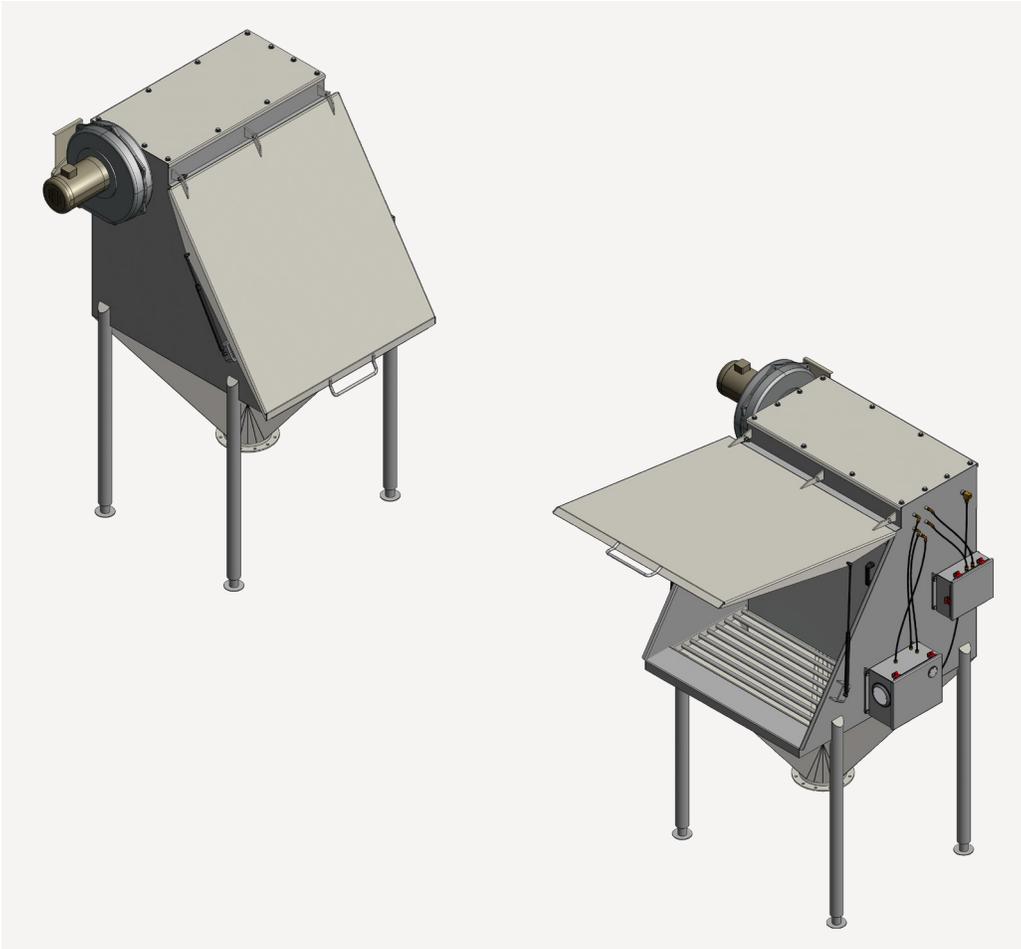
CONTROLS



SITE SERVICES



Bag Dumps



INFORMATION

Shick's bag dump facilitates the addition of dry ingredients into a pneumatic convey line. The design includes a hopper with a gas spring assisted door that makes hand adding easier. An air-actuated cartridge filter sealing mechanism that is not exposed to the material contact area makes cartridge replacement fast, simple and tool free.

The bag dump comes with an integral dust collection system with a fan that can be activated upon opening the door. The filter cleaning cycle directs captured material into the hopper for introduction into the transfer system. A removable air curtain directs air flow so dust is pulled away from the operator.

STANDARD FEATURES

STANDARD MATERIALS: 304 S/S with 150-grit orbital interior finish and bead blasted exterior finish

AIR PRESSURE: Required 80-100 PSI of clean dry air pressure and air consumption of 3 SCFM

INSTRUMENT PANEL: Includes 0-15" w.c. differential pressure gauge to monitor the condition of the filter cartridges, 0-160 PSI supply air pressure gauge and on/off switch for cartridge sealing mechanism

EASY OPEN: Gas spring assisted door and low profile design ease bag unloading

PTFE COATING: Spunbond polyester ePTFE membrane laminate

REMOVABLE BAR GRATE

8" DIAMETER FLANGED OUTLET

SANITARY PIPE LEGS STANDARD

HOPPER VIBRATOR PAD STANDARD

BAR GRATE SWITCH

OPTIONS

HOPPER VIBRATOR OR FLUIDIZATION

CUSTOM HOPPER/HOPPER OUTLET

FLANGE DESIGNS

CUSTOM FINISHES

MAGNETIC GRATE

SILENCER KIT

DUAL DOOR

DIMENSIONS

DUMP HEIGHT: 42"/1067 mm

UNIT HEIGHT: 85.88"/2181 mm

HOPPER SIZE: 38" x 38" x 25.44"/965 x 965 x 464 mm

HOPPER SLOPE: 58°

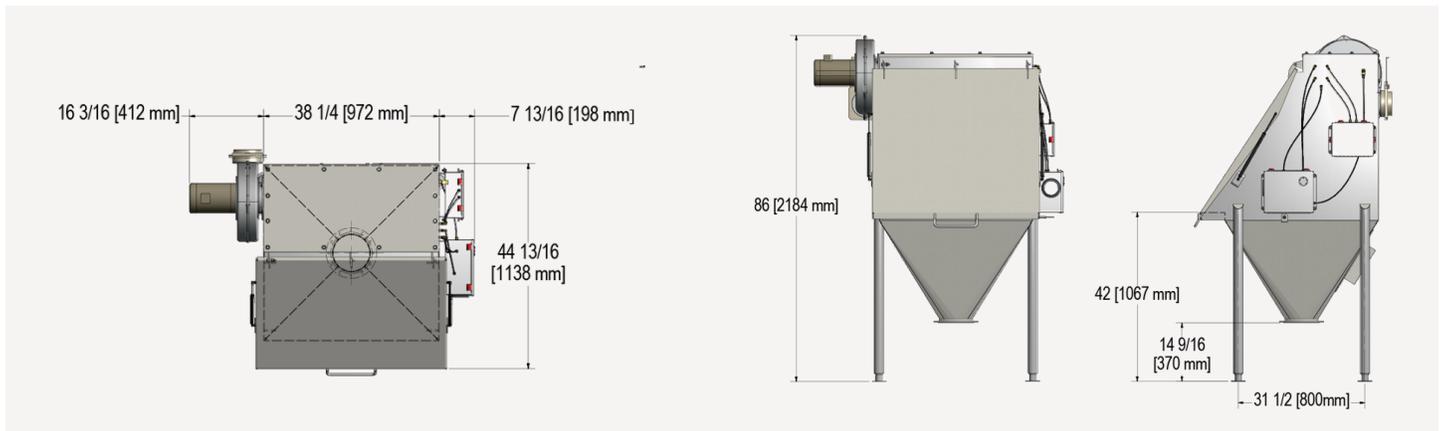
HOPPER CAPACITY: 5 cubic feet
WEIGHT: 1065 lbs./484 kg
CLOTH AREA: 90 sq. ft.

SPECIFICATIONS

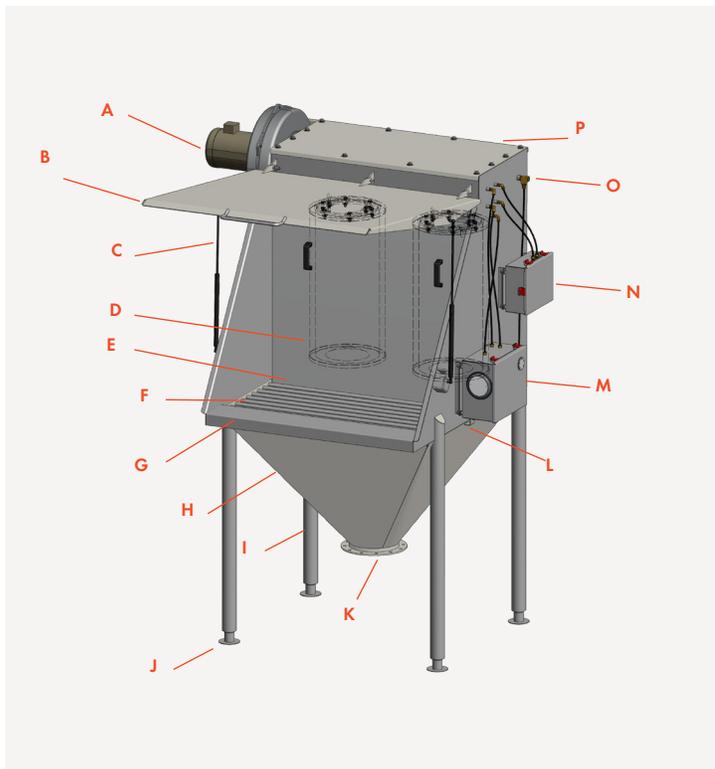
**AIR PULSE TIMER CONTROL ASSEMBLY
 IN NEMA 4X S/S BOX**

FAN: 1000 SCFM at 6" w.c. static pressure; 3 HP TEFC direct drive fan with adjustable outlet damper and guard

SCHEMATICS: BAG DUMP



ASSEMBLY VIEW: BAG DUMP



- A: Exhaust fan
- B: Door
- C: Gas assist door kit
- D: PTFE pleated filter assembly
- E: Removable dust curtain to access filters
- F: Removable safety grate
- G: Integral bag rest
- H: Hopper section
- I: Pipe legs
- J: Adjustable
- K: Discharge flange
- L: Grate sensor
- M: Instrument enclosure
- N: Filter pulse timer enclosure
- O: Single air connection
- P: Removable access panel to pulse assembly