

Low Rate Vacuum (LRV) Receiver

- Contamination free transfer of materials
- Easy to clean surfaces
- Quickly refill loss-in-weight feeders with pellets, flake material and other additives
- Convey materials up to 5,000 lbs./hr

Application

The LRV Receiver is an NFPA compliant, 1.8 ft³ (50L) capacity vacuum conveying system that offers a cleaner operating environment for handling both raw materials and finished products. It can be easily integrated into a wide range of production processes by incorporating the world leading technologies of Coperion pneumatic conveying with the weighing and feeding equipment to provide a highly accurate and controlled flow of materials.

The LRV Receiver simplifies transfer of materials from a bulk bag unloader, a bag dump station, or a gaylord box via a vacuum wand to your feeders or downstream processes.

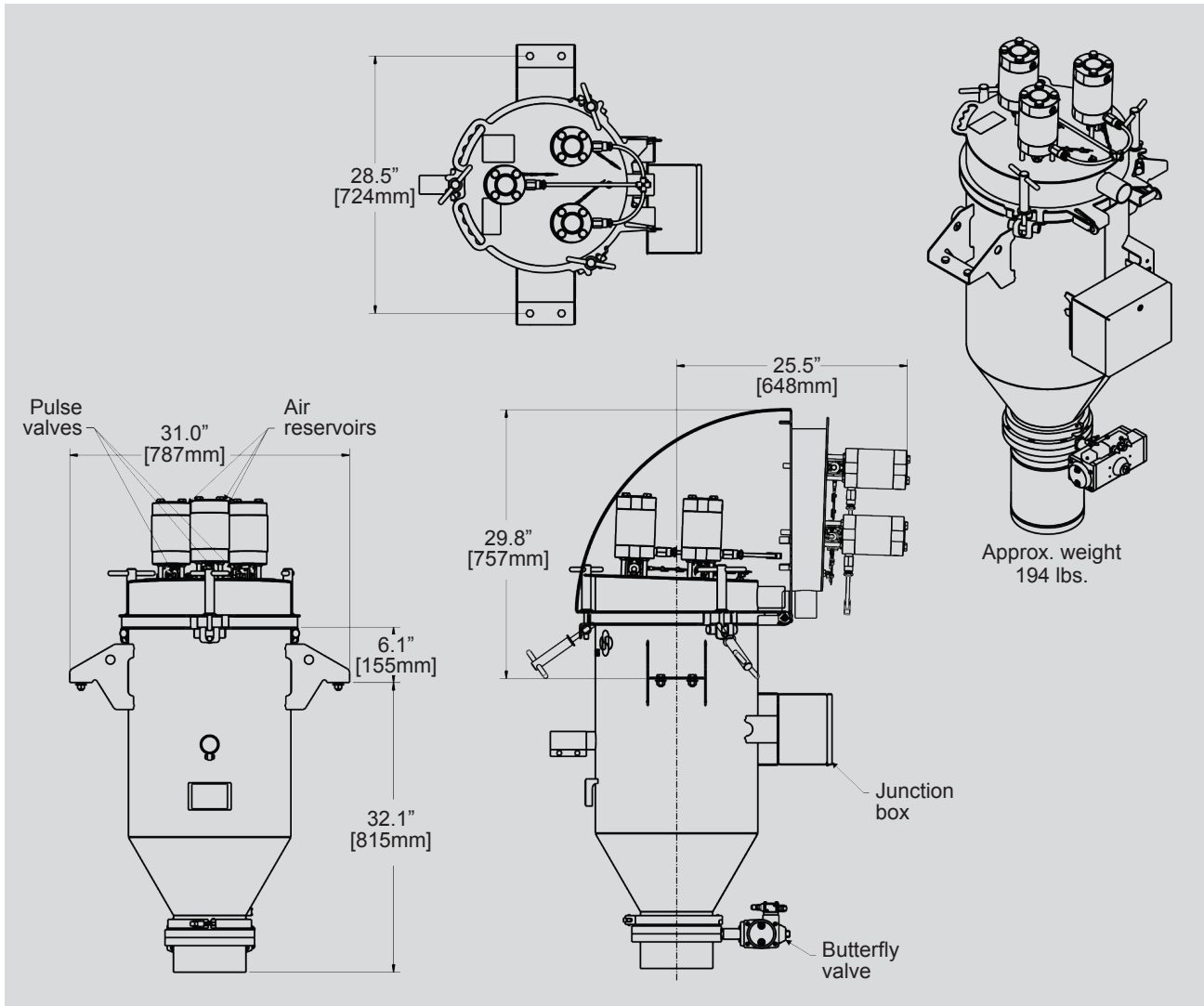


Equipment

- 304 stainless steel construction
- Inlet: 2" and 2-1/2" OD tube stub
- Outlet: 8" butterfly valve
- Filters: (3) Ø6"×12" long pleated 8 oz/yd² spun-bound polyester, 22.8 sq. ft. of filtration media
- Clean air plenum vacuum sensor with digital readout
- Optional vacuum generator

Electrical

- Input power: 24VDC, 1A
- Pre-wired discharge valve and pulse-jet valves
- Can be integrated with a Coperion loss-in-weight controller



Model 12LRV3 Specifications

Diaphragm Valve Air Consumption 85 PSI (0.6 MPa), 120 (150ms) Pulses/Hour	37.7 SCFH
Supply Air Pressure	60-85 PSI
Optional Vacuum Generator Air Consumption @ 73 PSI (0.5 MPa)	71 SCFM
Maximum Operating Temperature	122 °F

7901 NW 107th Terrace
 Kansas City, MO 64153
 816-891-9300
info.fpm@coperion.com
www.coperion.com/fpm