

Application

The 2406 receiver is ideal for applications when space is a premium and material volumes are minimal. Designed with the small part plastic molder in mind, the 2406 is suited for applications when material changes are frequent. The unit easily disassembles with removal of one quick-release clamp for material changes and cleaning.

Design

The 2406 receiver standard material of construction is spun aluminum. A low-voltage cable system with quick-connect plugs allow the receivers to be connected to the Microprocessor Controller, PLC Central Controller or LSR Controller without tools. In addition, low-voltage wiring generally does not require an electrician or conduit, allowing for a less expensive electrical installation.

Model 2406A

Model 2406A has a proximity switch and a Pyrex™ sight glass with an aluminum base that directly mounts to the throat of a machine.

Model 2406B

Model 2406B has a polypropylene check ball that maintains a vacuum seal so the unit can be mounted on a hopper. A proximity or rotary-type level control is required to maintain material level in the hopper.

Mechanical Features

- Quick connect clamps for easy cleaning and filter maintenance
- Perforated aluminum filter
- Adjustable vacuum bleed off for precise draw time settings

Controls

The receiver is available with controls suitable for use with either a solid state microprocessor controller (MPC) or a programmable logic controller (PLC). Both control systems utilize 24 VDC low voltage and are available with installation kits making installation easy and more economical. The receiver controls include color coded quick connectors and provide communication to the central controller.

For single receiver applications, we offer the LSR Controller. In loss-in-weight feeder refill applications, the LSR Controller seamlessly interfaces with Coperion K-Tron Feeder controls.

Conveying Rates

Based on a distance of 15 m [50 ft] and bulk density of 0.5 kg/dm³ [31 lb/ft³]. Rates vary with material characteristics, conveying distance and plant layout.

1 Receiver

Up to 327 kg/h [721 lb/h]

2 Receivers

Up to 669 kg/h [1474 lb/h]

3 Receivers

Up to 675 kg/h [1488 lb/h]

4 Receivers

Up to 694 kg/h [1531 lb/h]



2406A Pellet Receiver



2406B Pellet Receiver

Technical Data

Standard Mechanical Specifications

- Spun aluminum construction
- Perforated aluminum filter
- Fill valve w/ IP65 (NEMA 4) solenoid and dual acting air cylinder
- Tool-less clamp disassembly

Standard Electrical Specifications

- Signal voltage 24 VDC, NEMA 4

Weights

- 2406A: 8 kg [18 lbs]
- 2406B: 7 kg [16 lbs]

Options

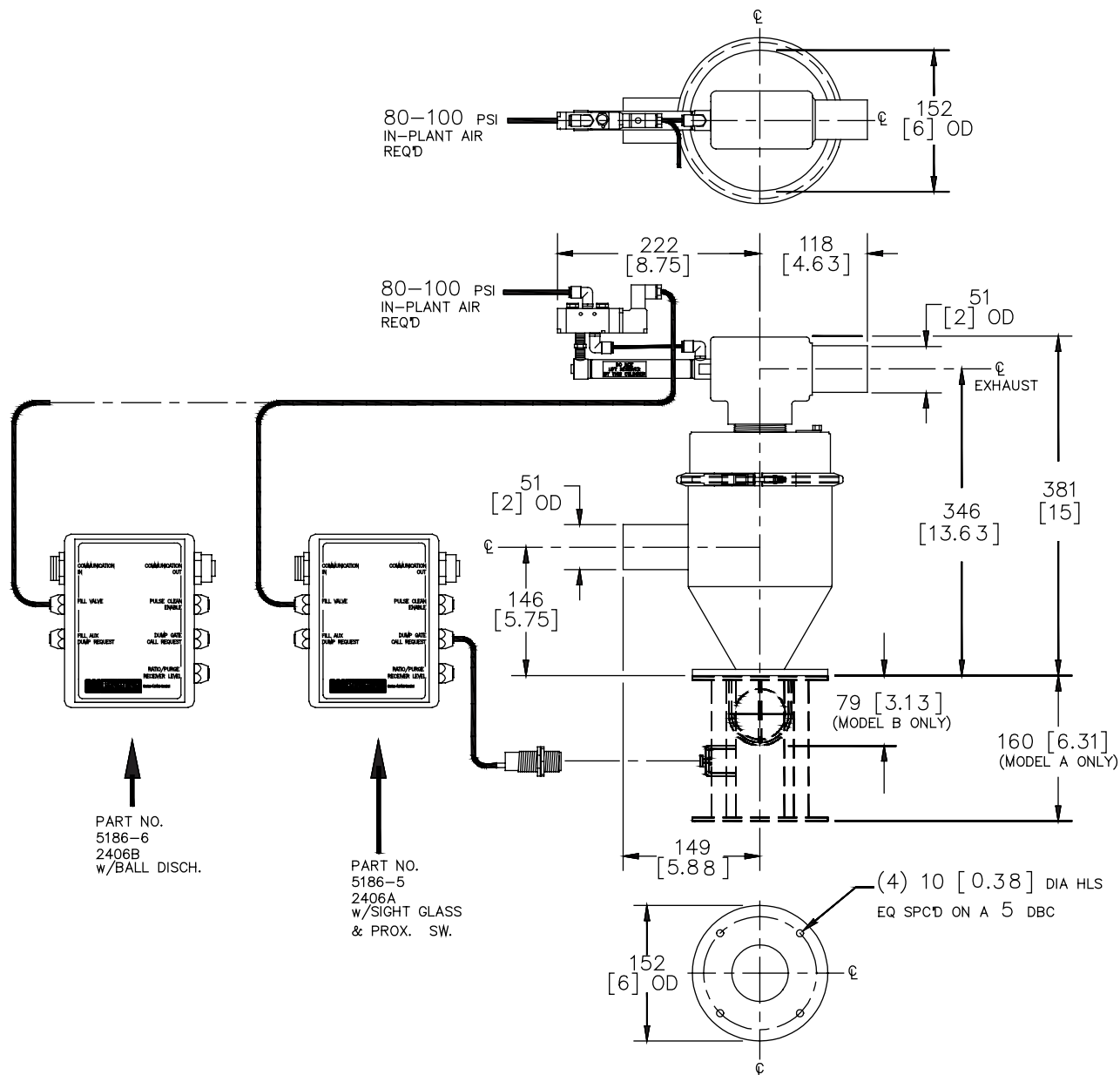
Mechanical

- Stainless steel material contact surfaces
- Custom select level switches
- Different material types for check ball

Electrical

- For CSA or UL certified solenoid contact factory

Dimensions of 2406 Pellet Receiver mm [in]



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