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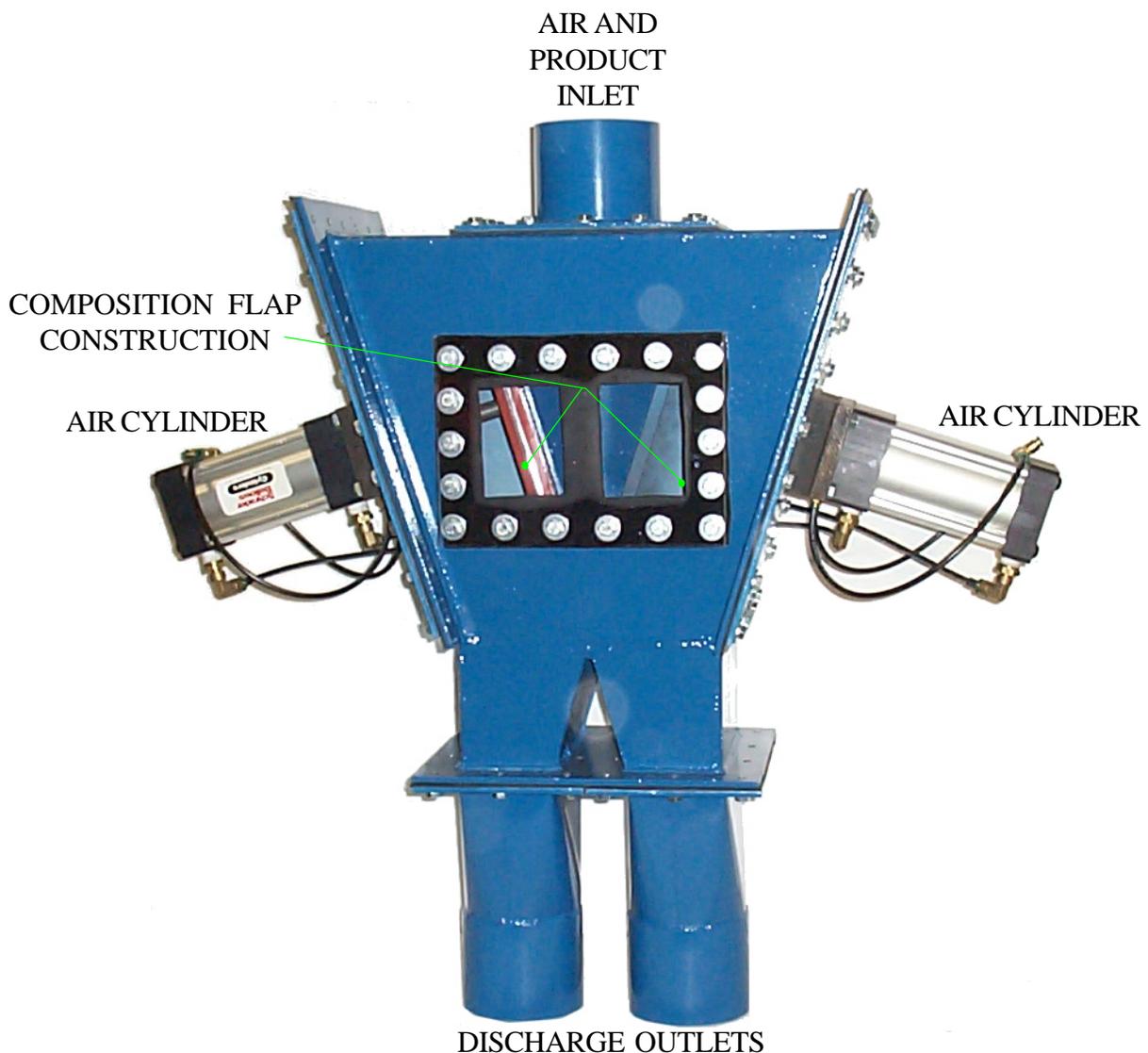
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# *PowerFlap*

## Line Diverter



Simple PUSH pressure closure for airtight seal, -NO need to depend upon blade or rotating diverters that require precision machined clearance to operate.

**RUGGED SIMPLICITY - BUILT FOR ABRASION**

# CHECK VALVE *veyor* Family

**TECH-AIR INTRODUCES A REVOLUTIONARY NEW LINE OF PNEUMATIC CONVEYING PRODUCTS THAT UTILIZE 100% FLAP SEALS!**

Tech-Air has designed and developed a complete line of products and components that offer the best solutions for handling abrasive products in pressure and vacuum pneumatic conveying systems.

## [SERIES FLO CHECK-VEYOR VALVE](#)

A pneumatic conveying system that introduces the product to the air stream in positive pressure applications. It serves as an airlock or airlock/feeder, replacing conventional rotary valves, double dumps, venturis, pressure pots or screw pumps. Capable of dilute or dense phase conveying at pressures up to 40 p.s.i.!

## [POWER FLAP DISCHARGE VALVES](#)

Designed to provide the necessary seal for product discharge applications, our selection of single, double or combination *Power Flap* Discharge Valves can be used on vacuum or pressure systems.

## [POWER FLAP DIVERTER VALVE](#)

A Line Diverter Valve that directs a single convey line to one of two product lines utilizing *Power Flap* technology.

## [HOPPER TOP POWER FLAP DIVERTER VALVE](#)

By simply adding a *Check Flap Flo Through Assembly*, the *POWER FLAP DIVERTER VALVE* can redirect product flow into a hopper or send material through the convey line.

## [CHECK-TREE LINE DIVERTER](#)

This diverter valve allows three or more conveying lines to discharge into a single line by utilizing Self Checking Flaps.

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All of the above Tech-Air products are made possible by a unique technology that combines the capabilities of new abrasion resistant, flexible materials with the simple principle of providing a pressurized flap seal. Air pressure is provided by the system air, or a direct straight line air cylinder assisted action is used to operate the Flaps. There are no bearings or seals that can wear out.

Most conventional valves and airlocks depend upon sliding or revolving precision machined clearances that are exposed to the product or air stream. System performance loss, high maintenance costs, and process down time result from the ensuing effects of abrasion. Tech-Air valves and airlocks have no sealing machined surfaces in the product or air stream and are capable of an acceptable level of performance without being in "perfect" condition.