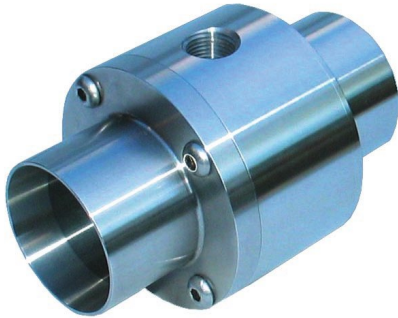


# RING-VAC™ COMPRESSED AIR CONVEYING SYSTEM

## RING-VAC™ COMPRESSED AIR CONVEYING SYSTEM



The Ring-Vac™ Compressed Air Conveying System utilizes compressed air for a powerful, efficient venturi action along its length in a compact design for high capacity conveying over large distances.

Available in both coated aluminum or high temperature stainless steel. Simply clamp a standard hose size to each end of the Ring-Vac™ Compressed



Air Conveying System to create this high energy conveying system. No moving parts for maintenance free operation with capacity and flow controlled with a pressure regulator. The Ring-Vac™ Compressed Air Conveying System is available in 1" (25mm), 1-1/4" (32mm), 1-1/2" (38mm), 2" (51mm), 2-1/2" (64mm), and 3" (76mm) sizes. Any size beyond that can be prohibitive for most applications due to high compressed air requirements. In addition, beyond 3", the vacuum ability begins to drop significantly except for highly intermittent applications. For applications beyond 3", a blower system often becomes far more economical except in a rare number of possible applications. However, larger size versions are available if required as well as special sizes.

Typical applications replace expensive, high maintenance blower systems and are particularly advantageous in intermittent applications.

**Automotive:** Convey all sorts of items from ball bearings, screws, metal and plastic parts from machinery, moulding machines in manufacturing and in assembly operations.

**Bottling:** Loading and conveying caps in bottle filling lines.

**Food:** Convey caps, small items including food items from cheese bits to dried food. Fill or empty packaging material in shipping.

**General Manufacturing:** Convey all sorts of items from ball bearings, screws, metal and plastic parts. Replace costly blower systems, especially in intermittent applications.

**Paper:** Trim removal in paper production.

**Plastic:** Trim removal in converting applications.

**Printing:** Waste trim removal in printing applications.

**Pharmaceutical:** Convey pills, capsules, and tablets.

**Textile:** Thread conveying.

### Features

- The Ring-Vac™ Air Conveying System is made of a coated aluminum body with no moving parts. Stainless steel models are available for high temperature and corrosive applications.
- Standard sizes to fit standard hose diameter for easy clamping. Threaded versions connect easily to regular pipe thread: 1" (25mm), 1-1/4" (32mm), 1-1/2" (38mm), 2" (51mm), 2-1/2" (64mm), and 3" (76mm). Special sizes can be manufactured if required.
- Utilizing a pressure regulator will control the flow material.
- Instant ON/OFF with no moving parts, no electricity or explosion hazard.

### Benefits

- Longer life in difficult environments than competitive models.
- Ease of use
- Simple and easy control of material flow.
- Maintenance free operation.

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Technologies Inc.

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## SPECIFICATIONS

Compressed Air Conveyor Systems Ring-Vac™ are available in coated aluminum and in stainless steel for high temperature applications. Special materials can be utilized for unique applications. If greater conveying force is required the conveying “generator” can be machined for higher capacities.

Outside Diameter	Model Number	Material of Construction
1"	30001	Aluminum
1-1/4"	30002	Aluminum
1-1/2"	30003	Aluminum
2"	30004	Aluminum
2-12"	30005	Aluminum
3"	30006	Aluminum
1"	30001S	HighTemperature Stainless Steel
1-1/4"	30002S	HighTemperature Stainless Steel
1-1/2"	30003S	HighTemperature Stainless Steel
2"	30004S	HighTemperature Stainless Steel
2-12"	30005S	HighTemperature Stainless Steel
3"	30006S	HighTemperature Stainless Steel
1"	30001T (Threaded)	Aluminum
1-1/4"	30002T (Threaded)	Aluminum
1-1/2"	30003T (Threaded)	Aluminum
2"	30004T (Threaded)	Aluminum
2-12"	30005T (Threaded)	Aluminum
3"	30005T (Threaded0)	Aluminum
1"	30001TS (Threaded)	HighTemperature Stainless Steel
1-1/4"	30002TS (Threaded)	HighTemperature Stainless Steel
1-1/2"	30003TS (Threaded)	HighTemperature Stainless Steel
2"	30004TS (Threaded)	HighTemperature Stainless Steel
2-12"	30005TS (Threaded)	HighTemperature Stainless Steel
3"	30006TS (Threaded)	HighTemperature Stainless Steel



## PERFORMANCE

MODEL	Size Outside Diameter inches (mm)	Air Consumption SCFM at 80 PSIG (SLDP at 5.5 BAR)	Vacuum inches H2O (KPG)
30001/30001S/30001T/30001TS	1" (25mm)	15 (415)	-42 (-11)
30002/30002S/30002T/30002TS	1-14" (32mm)	26 (730)	-42 (-11)
30003/30003S/30003T/30003TS	1-1/2" (38mm)	33 (932)	-36 (-9)
30004/30004S/30004T/30004TS	2" ((51mm)	45 (1270)	-28 (-7)
30005/30005S/30005T/30005TS	2-1/2" (64mm)	58 (1650)	-23 (-6)
30006/30006S/30006T/30006TS	3" (70mm)	68 (1935)	-14.5 (-4)

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