

VAC PUMPS

The Ring-Vac™ Compressed Air Conveying System utilises 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 anodised aluminum or 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 nominal sizes of 25mm, 32mm, 38mm and 51mm. Any size beyond that can be prohibitive for most applications due to high compressed air requirements. In addition, beyond 51mm, the vacuum ability begins to drop significantly except for highly intermittent applications. Larger size versions are available if required as well as special sizes.

Features

- The Ring-Vac™ Air Conveying System is made of an anodized 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.
- Utilising 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.

SOME TYPICAL APPLICATIONS - VAC PUMPS

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.

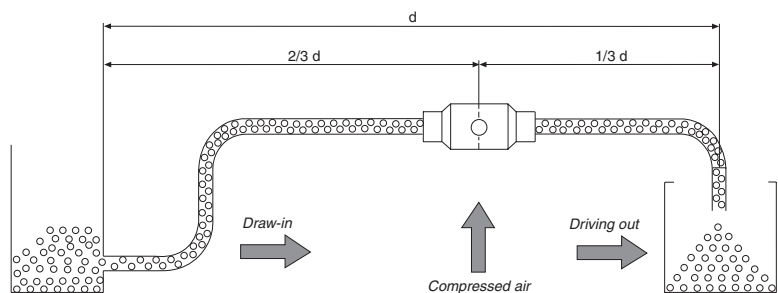
Paper: Trim removal in paper production.

Plastic: Trim removal in converting applications.

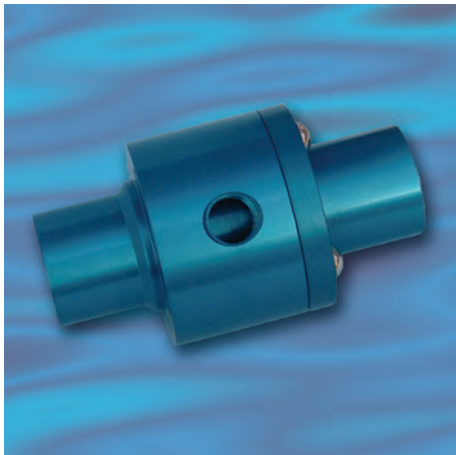
Printing: Waste trim removal in printing applications.

Pharmaceutical: Convey pills, capsules, and tablets.

Textile: Thread conveying.

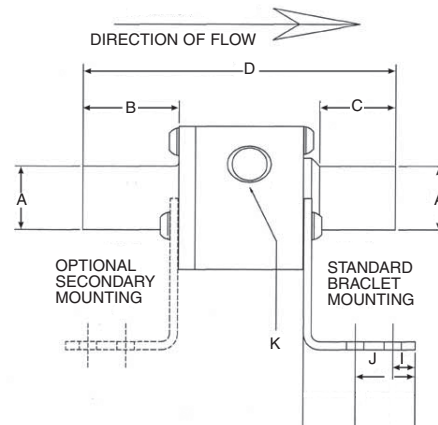
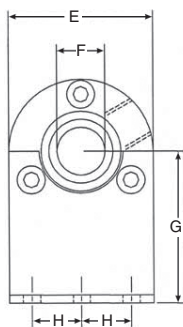
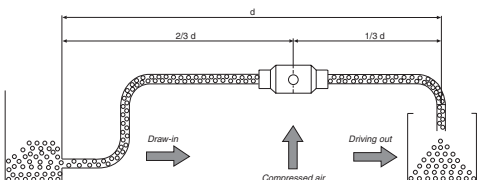


ALUMINIUM RING VAC



Material: Anodised aluminium

Option: available in NPT or NPTF please specify on order



MODEL	Weight	Vacuum KPa	Air Consumption m ³ /min
RV1AL	0.28Kg	-11	0.43
RV2AL	0.31Kg	-8	0.74
RV3AL	0.39Kg	-7	0.94
RV4AL	0.48Kg	-6.5	1.28
RV5AL	0.68Kg	-6	1.66
RV6AL	0.79Kg	-4	1.99

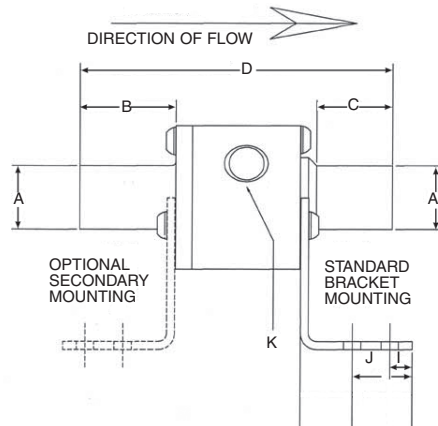
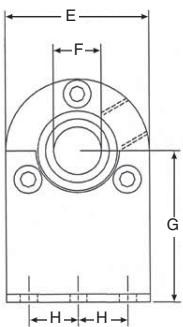
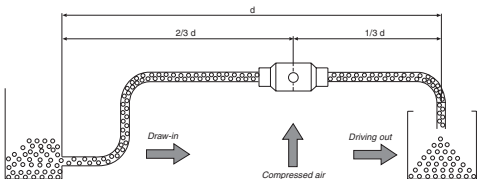
Part No.	A	B	C	D	E	F	G	H	I	J	K
RV1AL	25.4	35.1	31.8	127	57.2	19.1	60.3	19.7	9.5	23.8	G ¹ / ₄
RV2AL	31.8	35.1	31.8	127	63.5	25.4	60.3	19.7	9.5	23.8	G ¹ / ₄
RV3AL	38.1	35.1	38.1	127	69.9	38.1	60.3	19.7	9.5	23.8	G ³ / ₈
RV4AL	50.8	35.1	38.1	127	82.5	44.4	60.3	19.7	9.5	23.8	G ³ / ₈
RV5AL	64	38.1	38.1	127	95	57.2	65	19.7	9.5	23.8	G ³ / ₈
RV6AL	76	38.1	38.1	140	108	69.9	70	19.7	9.5	23.8	G ¹ / ₂

STAINLESS STEEL RING VAC



Material: Stainless Steel (Grade 304)

Option: available in NPT or NPTF please specify on order



MODEL	Weight	Vacuum KPa	Air Consumption m ³ /min
RV1SS	0.92Kg	-11	0.43
RV2SS	1.0Kg	-8	0.74
RV3SS	1.1Kg	-7	0.94
RV4SS	1.6Kg	-6.5	1.28

Part No.	A	B	C	D	E	F	G	H	I	J	K
RV1SS	25.4	35.1	31.8	127	57.2	19.1	60.3	19.7	9.5	23.8	G ¹ / ₄
RV2SS	31.8	35.1	31.8	127	63.5	25.4	60.3	19.7	9.5	23.8	G ¹ / ₄
RV3SS	38.1	35.1	38.1	127	69.9	38.1	60.3	19.7	9.5	23.8	G ³ / ₈
RV4SS	50.8	35.1	38.1	127	82.5	44.4	60.3	19.7	9.5	23.8	G ³ / ₈