

Sanitary Flange Line Vac™

Convey materials,
parts, waste - with
easy disassembly
and cleanup!



What Is The Sanitary Flange Line Vac?

EXAIR's Sanitary Flange Line Vac is the best way to convey materials in systems which require frequent or mandatory cleaning. The Sanitary Flange Line Vac fits within your current sanitary flange piping system and converts it into a conveyor for waste, parts and bulk materials.

Why The Sanitary Flange Line Vac?

When your piping system requires sanitary flanges, which make it easy to dismantle and clean its components, the Sanitary Flange Line Vac will suit your needs. They are made from Type 316SS to provide superior corrosion resistance and cleanliness. These flanged Line Vacs limit entrapment areas where bacteria can grow and the clamp style sanitary flanges are compatible with ISO 2852. Sanitary Flange Line Vacs are designed with the same performance characteristics of EXAIR's standard and

Threaded Line Vacs which makes them a versatile solution for your conveying needs. Conveying rates are easy to control by regulating the compressed air supply pressure.

The Sanitary Flange Line Vacs are available from stock in four common flange sizes, 1-1/2" (38mm), 2" (51mm), 2-1/2" (64mm) and 3" (76mm). All metal parts are made from Type 316SS. No moving parts or electricity assures maintenance free operation.

Sanitary Flange Line Vac Performance

80 PSIG (5.5 BAR)		Size		Air Consumption		Vacuum	
Model	in	mm	SCFM	SLPM	"H ₂ O	kPa	
161150-316	1.5	38	33	934	-36.8	-9	
161200-316	2	51	45	1,274	-28.5	-7	
161250-316	2.5	64	58.5	1,657	-23.5	-6	
161300-316	3	76	68.5	1,939	-14.7	-4	

Horizontal conveying tested at 80 PSIG (5.5 BAR)

Applications

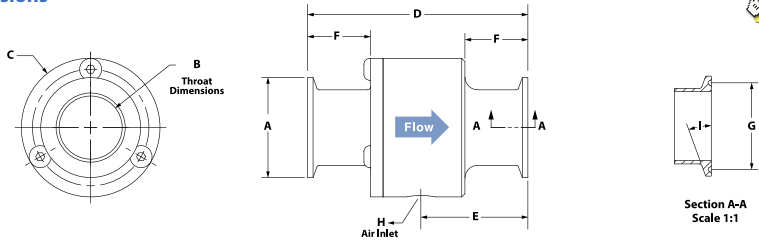
- Material conveying
- Part transfer
- Waste/trim removal
- Hopper loading
- Filling operations
- Chip removal
- Fiber tensioning

Advantages

- ISO 2852 compatible
- Type 316SS
- Fits standard sanitary flanges
- Four sizes available from stock
- No moving parts
- Compact
- High throughput capability
- Quiet



Dimensions



Sanitary Flange Line Vac Dimensions										
Sanitary Flange Line Vac Models		A	B	C	D	E	F	G	H (air inlet)	I
161150-316	in	2	1.25	2.75	4.38	2.13	1.25	1.69	1/4 NPT	20°
	mm	51	32	70	111	54	32	43		
161200-316	in	2.52	1.75	3.25	4.38	2.13	1.25	2.22	3/8 NPT	20°
	mm	64	44	83	111	54	32	56		
161250-316	in	3.05	2.25	3.75	4.38	2.13	1.25	2.78	3/8 NPT	20°
	mm	77	57	95	111	54	32	71		
161300-316	in	3.58	2.75	4.25	5.63	2.75	1.75	3.28	1/2 NPT	21.3°
	mm	91	70	108	143	70	44	83		

Sanitary Flange Line Vac Models		
Sanitary Flange Line Vac Only		
Sanitary Flange Line Vac Kits - include the Line Vac, mounting bracket, filter separator and pressure regulator (with coupler).		
Inlet/Outlet Diameter	Sanitary Flange Line Vac Only Model	Sanitary Flange Line Vac Kit Model
1-1/2" (19mm)	161150-316	163150-316
2" (25mm)	161200-316	163200-316
2-1/2" (32mm)	161250-316	163250-316
3" (38mm)	161300-316	163300-316

Accessories	
Model #	Description
9001	Auto Drain Filter Separator, 3/8 NPT, 65 SCFM (1,841 SLPM)
9002	Auto Drain Filter Separator, 3/4 NPT, 220 SCFM (6,230 SLPM)
9005	Oil Removal Filter, 3/8 NPT, 15-37 SCFM (425-1,048 SLPM)
9006	Oil Removal Filter, 3/4 NPT, 50-150 SCFM (1,416-4,248 SLPM)
9008	Pressure Regulator with Gauge, 1/4 NPT, 50 SCFM (1,416 SLPM)
9009	Pressure Regulator with Gauge, 3/4 NPT, 220 SCFM (6,230 SLPM)

Air Operated Conveyors

Line Vac Drum Cover

Line Vac Drum Cover

EXAIR's fine mesh non-woven Drum Cover is built to fit over the top of 55 or 30 gallon drums. The breathable material allows the air from a Line Vac air operated conveyor to circulate, whether moving material in or out of the drum. The cover prevents contamination of your material and keeps material from escaping the drum which keeps your work environment cleaner and safer. Since it is fabricated to fit 55 or 30 gallon drums, it is the simplest of solutions when needing a containment vessel for your transferred scrap, trim, waste, parts, chips or pellets. It is suitable for Line Vac conveyance hoses from 3/4" through 3.4" outside diameters and comes complete with hose clamps and a durable spring buckle strap for quick and easy installation.



Line Vac Drum Cover

Model #	Description
6850	Drum Cover

If you have special requirements, please contact an Application Engineer to discuss the application.