

HYVAC PRODUCTS, INC.

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Large Inlet Traps for Vacuum Pumps

To protect and enhance your valuable mechanical vacuum pump and product. Vacuum pumps perform better and last longer when used with the appropriate inlet trap or filter. HyVac large inlet traps are designed for use in systems with flows in excess of 500 scfm.

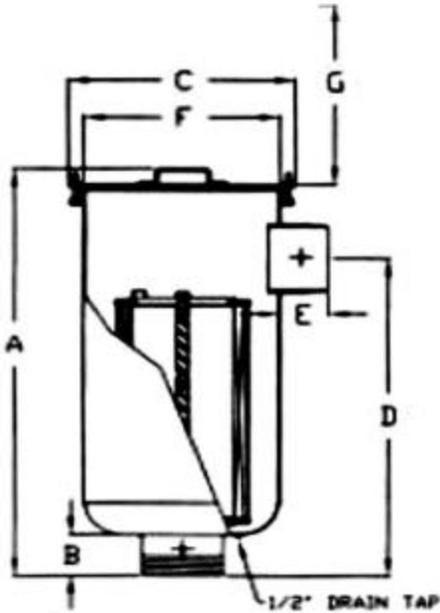
Vacuum Pump Systems	Vacuum Packaging
Vacuum Furnaces	Central Vacuum Systems
Blower Intakes	Chemical Processing
Pneumatic Conveying Systems	Paper Processing

Some typical applications that use these inlet filters.

Features of the Large Inlet Traps

- Leak tight vacuum pressure to 1×10^{-3} Torr
- Polyester elements : 99% removal efficiency to 5 micron.
- Paper elements : 99% removal efficiency to 2 micron.
- Heavy duty T-bolts for easy filter change.
- Baked enamel finish.
- All steel construction
- Low pressure drop
- Positive sealing O'ring system
- Large dirt holding capacity, easy field maintenance.
- Hydrostatically tested at .5 bar pressure
- Inlet air enters above filter element
- Inlet and Outlet pressure $\frac{1}{4}$ FNPT gauge taps
- Operational temperture range -15 F - 220 F
- Filter Change out 10-15" H₂O over initial delta P

Dimensional Drawing



Dimensions and Specifications

Catalog Number	Outlet OD	Length (A)	(B)	Housing Diameter (C)	Height to Outlet (D)	Inlet OD (E)	SCFM of Element	Weight
32100-001	4" NPT	27.12	3	14.0	18.5	4" NPT	520	62
32100-002	ASA400	27.12	3	14.0	18.5	ASA400	520	64
32101-001	5" NPT	28.16	3	18.5	19.5	5" NPT	800	88
32101-002	ASA400	28.16	3	18.5	19.5	400ASA	800	90
32102-001	6" NPT	28.16	4	18.5	20.5	6" NPT	1100	110
32102-002	ASA600	27.12	3	14.0	18.5	ASA600	1100	113

Options

Vacuum Flanges Available ASA Standard, Others Available

Available in Stainless Steel

Epoxy or other specially coated housings

Support brackets or legs

Larger sizes available

Pre-separator demister stage (For severe applications)

Specialty media & gaskets/seals for custom installations/applications