

Large Vent Square (LVS/LVSC) Filter

- Side bag removal with hinged housing access door
- Equipped with a 60° hopper. The filter receives dust through the hopper inlet and discharges the collected dust through an airlock for dust disposal or recycling
- Handles medium to high air volumes where dry dusty materials are conveyed



Application

LVS (Large Vent Square) filters are square bodied pulse jet filters designed to handle medium to high air volumes in almost any industry where dry dusty materials are conveyed. The filter is particularly suited for applications where headroom is an issue because the bags can be removed through an access door on the side of the unit.

Equipment

LVS filters are designed with a 60° hopper. The filter receives dust through the hopper inlet and discharges the collected dust through an airlock for dust disposal or recycling.

The same filter housing can be fitted with pleated cartridges for higher filtration efficiencies and then is designated as an LVSC.

Standard specifications

- 12 gauge carbon steel or 304 stainless steel construction*
- Designed for 17" w.c. static pressure maximum

- Side bag removal with hinged housing access door
- 6" compressed air header
- Diaphragm air valves
- Adjustable timer
- Timer and solenoid valves mounted and prewired in a NEMA 4 enclosure
- Internal air piping
- Round stub air inlet with deflector
- 60° hopper flanged to housing

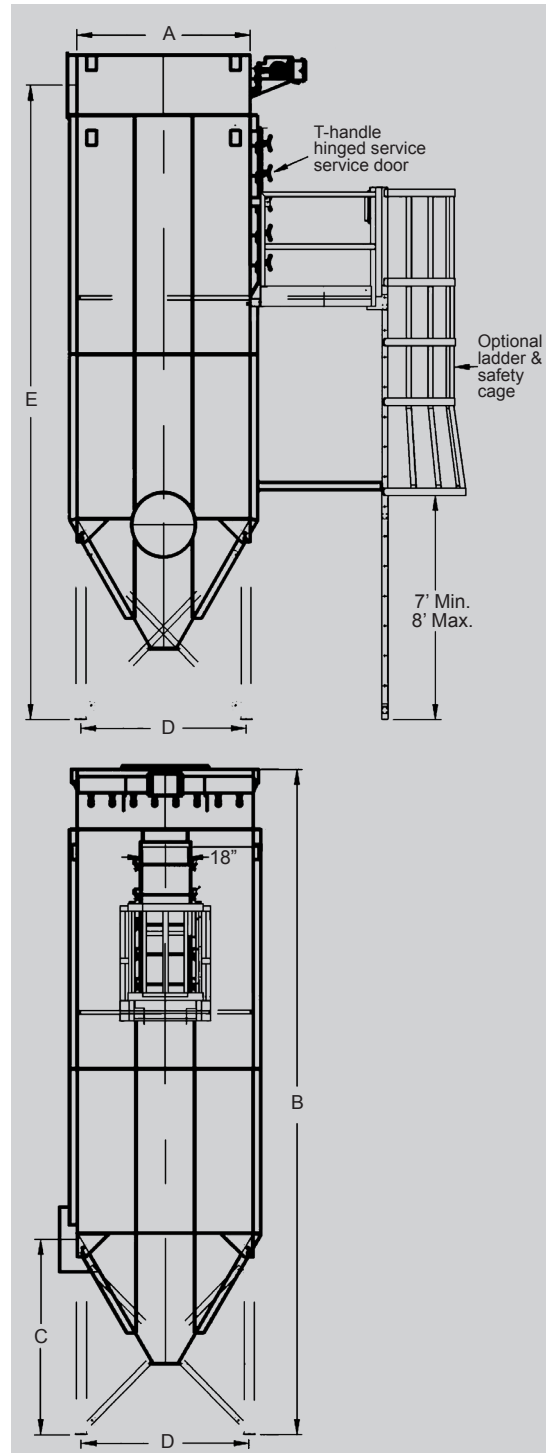
*stainless steel includes housing, hopper and tubesheet with all carbon steel flanges and reinforced ribs

Options

- 10 gauge carbon steel or 304 stainless steel construction
- Designed for 20" w.c. static pressure
- 304 stainless steel flanges for 304 stainless steel filters
- 316 stainless steel construction
- Support structure
- High entry inlet

Dimensions

Model	Cloth Area (Sq. Ft.)	Number of Bags	Dimensions (inches)				
			A	B	C	D	E
120LVS64	990	64	70-1/2	243-1/16	78-3/8	67-1/4	231-1/16
144LVS64	1194			267-1/16			255-1/16
96LVS81	995	81	79	226-7/16	83 3/4	74-3/4	214-7/16
120LVS81	1253			250-7/16			238-7/16
144LVS81	1511			274-7/16			262-7/16
96LVS100	1229	100	87-1/2	233-13/16	89-1/8	83-1/4	221-13/16
120LVS100	1547			257-13/16			245-13/16
144LVS100	1866			281-13/16			269-13/16
96LVS144	1769	144	104-1/2	248-1/2	100-13/16	100-1/4	236-1/2
120LVS144	2228			272-1/2			260-1/2
144LVS144	2687			296-1/2			284-1/2
96LVS196	2408	196	121-1/2	263-1/4	112-9/16	116-1/4	251-1/4
120LVS196	3032			287-1/4			275-1/4
144LVS196	3657			311-1/4			299-1/4



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