

MODEL	Rated Volume (CFM)	Filter Area (SFT)	Bags; Qty & Length (inches)	Compressed Air (SCFM)	Dust Drawer (cu.ft.)	A	B	C	D	E*	F	Inlet GxH	Blowerless Outlet IxJ	Weight (lbs)	MODEL
6LC-H	500	29	6/48	0.19	-	21	21	97	25	17	21	5 dia.	5 dia.	483	6LC-H
6LC-L	500	29	6/48	0.19	2.5	21	21	75	-	17	21	5 dia.	5 dia.	483	6LC-L
9LC-H	720	43	9/48	0.28	-	27	21	101	25	17	21	6 dia.	6 dia.	554	9LC-H
9LC-L	720	43	9/48	0.28	3	27	21	75	-	17	21	6 dia.	6 dia.	554	9LC-L
12LC-H	960	57	12/48	0.37	-	27	27	121	45	18	22	8 dia.	8 dia.	778	12LC-H
12LC-L	960	57	12/48	0.37	4	27	27	75	-	18	22	8 dia.	8 dia.	778	12LC-L
18LC-H	1440	85	18/48	0.56	-	27	39	132	45	15	24	16x5	5x16	1093	18LC-H
18LC-L	1440	85	18/48	0.56	6	27	39	77	-	15	24	16x5	5x16	1093	18LC-L
30LC-H	2400	142	30/48	0.94	-	39	39	132	45	15	20	24x6	6x24	1880	30LC-H
30LC-L	2400	142	30/48	0.94	8.5	39	39	77	-	15	20	24x6	6x24	1880	30LC-L
30LC8-H	4800	283	30/96	2.55	-	42	42	186	45	19	35	30x9	9x30	2679	30LC8-H
30LC8-L	4800	283	30/96	2.55	9	42	42	130	-	19	35	30x9	9x30	2679	30LC8-L

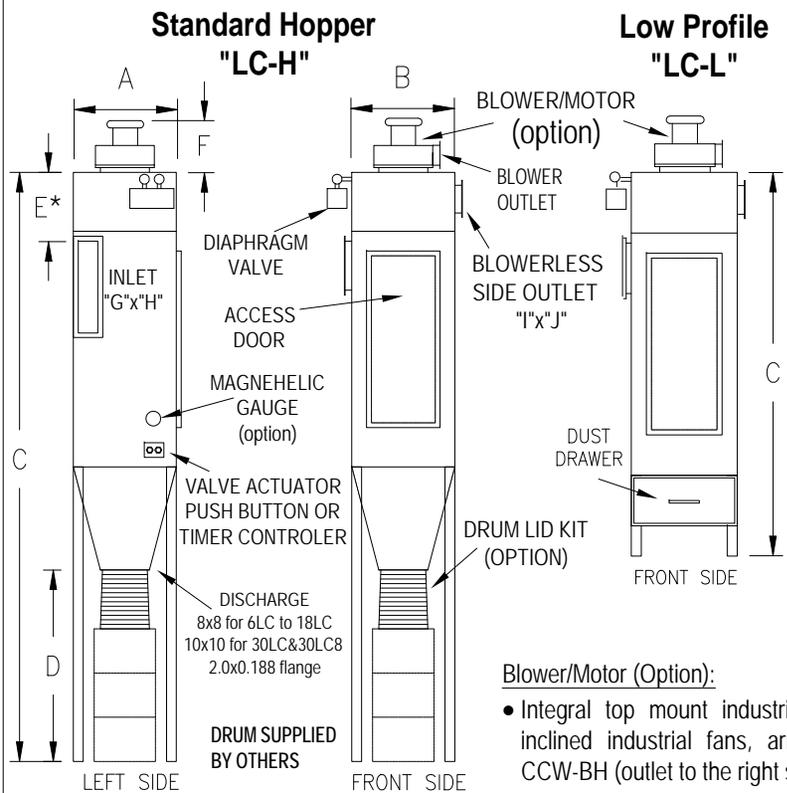
FAN PERFORMANCE	CFM @ In. WC, external pressure					Motor HP	Noise, dBA	Weight (lbs)
	0	1	2	4	6			
6LC	560	500	460	280	N/A	1	96	57
9LC	840	790	710	570	320	2	95	96
12LC	1100	1000	920	700	390	2	95	137
18LC	1570	1480	1420	1220	980	5	98	183
30LC	2750	2600	2400	1800	N/A	5	84	215
30LC8	5200	5000	4800	4100	3400	10	96	371

**Higher static pressure blowers also available**

Noise level is rated at 3 feet from fan outlet.  
The environment for each fan installation influences its measured sound value, therefore dBA levels cannot be guaranteed.

Hopper and Stand; 6LC-H & 9LC-H sized for 5 gallon pail,  
12LC-H to 30LC8-H sized for 45 (55 US) gallon drum.

\* To centerline of round inlet, top of rectangular inlet



- Built to; ISO 9001-2008 and CWB certified
- 12 gauge hot-rolled steel welded construction, to withstand +/- 20" WG,
- High inlet leads to large drop out section where the air makes a 90deg turn into the filter section. This prevents abrasion and forces most of the dust to drop directly to the collection hopper, no "can" velocity issues.
- 60° Pyramidal hopper provided for dust collection. Optional drum lid adapter available, drum supplied by others.
- Large access door to bag filter compartment with easy to open/close hand knobs.
- Inlet/outlet; round collar for slip connection, or, flanged rectangular. *See specifications table.*
- SSPC-SP3 power-tool cleaned, zinc rich primer (in&out) and exterior finish coat of Terra Brown (RAL8028) paint, good to 250°F
- Automatic self-cleaning, advanced technology "high-ratio" reverse jet pulse, requiring no shutdown for after-pulse cleaning. Pulse sequencer supplied in NEMA 4 enclosure. No need to shutdown the collector during a cleaning cycle.
- Diaphragm valves rated at 125% of required flow to ensure proper back-flush volume.
- Optional differential pressure gauge with connecting hardware, to monitor filter condition.
- Optional supersonic nozzles on pulse pipe to increase cleaning power and reduce compressed air consumption.
- One full set of bottom removal filter bags and wire cages.
- Built to North American compliance with EPA, OSHA NFPA standards. Compliance with local codes and standards are the responsibility of the purchaser.

**Operating Requirements:**

For best cleaning, both the process air and compressed air must be maintained at least 15°F above the dew point. Compressed air must be below a maximum temperature of 180°F at 85 psig. For the protection of the pneumatic valves and controls, compressed air for this equipment must be clean and have a refrigerant or desiccant dryer at the collector having a low enough dew point to meet conditions of operation.

Selecting a collector based on Filter ratio is an engineering mistake.  
See Technical Bulletin E-002.

**Blower/Motor (Option):**

- Integral top mount industrial pressure blowers, or, backward inclined industrial fans, arrangement 4V, inlet flange mount, CCW-BH (outlet to the right side).
- Electrical; 1 - 10 HP, 230-460-575 / 3 phase / 60 Hz Volts, TEFC.

Quality Air Management reserves the right to change design and specifications without notice.

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