

MODEL	Rated Volume (CFM)	Filter Area (SFT)	Qty Bags Length(in)	Compressed Air (SCFM)	Inlet GxH	Std Outlet	Dust Drawer (cu.ft.)	A	B	C	D	E	F	Weight (lbs)	MODEL
6LC-H	500	29	6/48	0.19	5" dia.	5" dia.	-	21	21	98	25	16	21	483	6LC-H
6LC-L	500	29	6/48	0.19	5" dia.	5" dia.	2.5	21	21	77	-	16	21	483	6LC-L
9LC-H	720	43	9/48	0.28	6" dia	6" dia	-	27	21	102	25	16	21	554	9LC-H
9LC-L	720	43	9/48	0.28	6" dia	6" dia	3	27	21	77	-	16	21	554	9LC-L
12LC-H	960	57	12/48	0.37	7" dia	7" dia	-	27	27	122	45	20	22	778	12LC-H
12LC-L	960	57	12/48	0.37	7" dia	7" dia	4	27	27	77	-	20	22	778	12LC-L
18LC-H	1440	85	18/48	0.56	12x6"	12x6"	-	27	39	133	45	17	24	1093	18LC-H
18LC-L	1440	85	18/48	0.56	12x6"	12x6"	6	27	39	82	-	17	24	1093	18LC-L
30LC-H	2400	142	30/48	0.94	18x6"	18x6"	-	39	39	157	45	16	20	1880	30LC-H
30LC-L	2400	142	30/48	0.94	18x6"	18x6"	8.5	39	39	107	-	16	20	1880	30LC-L
30LC8-H	4800	283	30/96	2.55	35x8"	35x8"	-	39	39	183	45	22	35	2679	30LC8-H
30LC8-L	4800	283	30/96	2.55	35x8"	35x8"	8.5	39	39	133	-	22	35	2679	30LC8-L

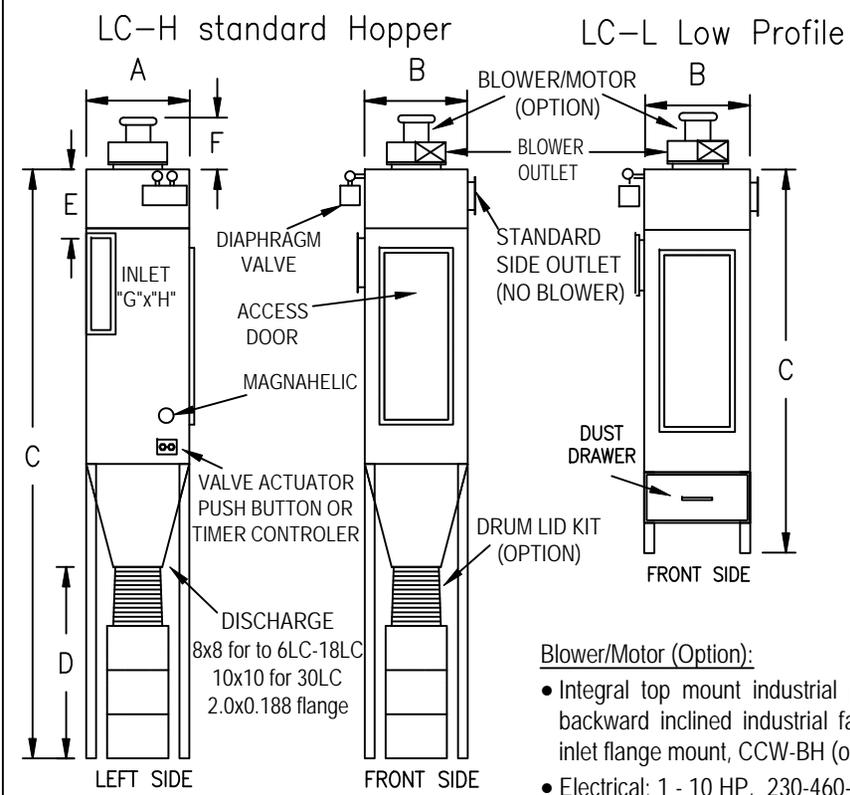
FAN PERFORMANCE	CFM @ In. WC, external pressure					Motor HP	Noise, dBA	Weight (lbs)
	0	1	2	4	6			
6LC	560	500	460	280	N/A	1	96(1)	57
9LC	840	790	710	570	320	2	95(1)	96
12LC	1100	1000	920	700	390	2	95(1)	137
18LC	1570	1480	1420	1220	980	5	98(1)	183
30LC	2750	2600	2400	1800	N/A	5	87(2)	215
30LC8	5200	5000	4800	4100	3400	10	93(2)	371

High-static blowers also available

(1) Noise level is rated at 3 feet from fan outlet.
 (2) Noise level is rated at 5 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 gallon drum.

All dimensions in inches



- 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.
- SSPC-SP3 power-tool cleaned, epoxy primed 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.
- One differential pressure gauge with connecting hardware.
- 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.

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.

Selecting a collector based on Filtler ratio is an engineering mistake. See Engineering Bulletin, E-002.



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

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				TITLE: "LC" series Small Baghouse Dust Collector	PAGE: 1 of 1	DATE: 9/22/2017	SCALE: NOT TO SCALE
				REV. No.	REV. DATE.	REVISION DESCRIPTION.	
				3	8/29/2019	new hopper dimensions	
2	8/16/19	new fan specifications					
1	9/17/18	Add PISG designation					
DWG.No. LC-001							