

All Dimensions in Inches

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

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.

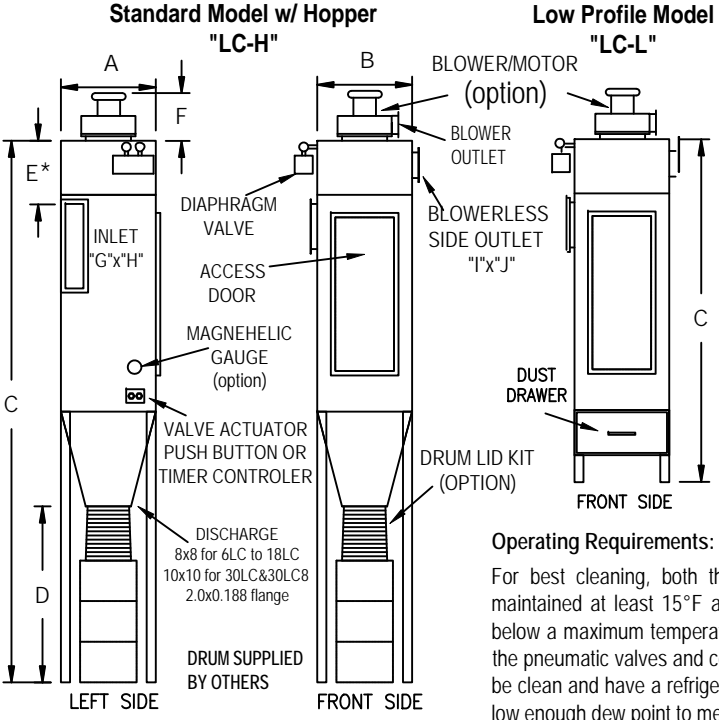
FAN PERFORMANCE	CFM @ In. WC, external pressure					Motor HP	Noise, dBA	Weight (lbs)
	0	1	2	4	6			
6LC	560	500	460	280	N/A	1	96	57
9LC	840	790	710	570	320	2	95	96
12LC	1100	1000	920	700	390	2	95	137
18LC	1570	1480	1420	1220	980	5	98	183
30LC	2750	2600	2400	1800	N/A	5	84	215
30LC8	5200	5000	4800	4100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

Higher static pressure blowers also available

Noise level is rated at 5 feet from fan outlet. Silencers available. The environment for each fan installation influences its measured sound value, therefore dBA levels cannot be guaranteed.

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

* To centerline of round inlet, top of rectangular inlet Hopper and Stand; 6LC-H & 9LC-H sized for 5 gallon pail, 12LC-H to 30LC8-H sized for 45 (55 US) gallon drum.



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.

- "Advanced Technology", high-ratio, high efficiency, low (1.5-2.5"WC) pressure drop, 30-40% lower operating cost baghouse.
- Built to; ISO 9001-2008 and CWB certified.
- 12 gauge hot-rolled steel welded construction, to withstand +/- 20" WG,
- SSPC-SP3 power-tool cleaned, zinc rich primer (in&out) and exterior finish coat of Terra Brown (RAL8028) paint, good to 250°F
- 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.
- 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 full set of bottom removal filter bags and wire cages.
- 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.
- Built to North American compliance with EPA, OSHA NFPA standards. Compliance with local codes and standards are the responsibility of the purchaser.

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

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TITLE LC-series Baghouse	PRICE	DATE 07/27/2021	SCALE Not to scale
REVISIONS/DESCRIPTION		REV. DATE	DRAWING NO. LC-001-1