



**CONSTRUCTION:**

- 14 gage hot-rolled steel to withstand +/- 10" WG.
- SSPC-SP3 power-tool cleaned, epoxy primed and exterior finish coat of medium-dark brown paint
- Large access door to bag filter compartment.
- Pyramidal hopper for dust collection.
- Inlet/outlet; round collar for slip connection, rectangular are flanged.
- 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 dust drawer.
- Low cost bottom load filter bags and cages.

**ELECTRICAL:**

2 - 7.5 HP 208-230-460-575/3/60 Volts

**FILTERS:**

- Standard bag filters are 4.5 inch diameter by 48 inch long "High-Ratio" style.
- LC30H8 uses 4.5" diam. by 96" long bag filters.
- 96" long bags are available, as an option, on all models.
- Standard bag filters are 16 oz. singed or glazed polyester-felt.
- Other bag materials are available to meet any specific application.

**CLEANING OF FILTERS:**

- Manual push-button on each diaphragm valve, allows compressed air to backflush the bag filters.
- Uses diaphragm valves rated at 125% of required compressed airflow to provide proper backflush flow.
- Compressed air is supplied at 85 psi.

**OPTIONS:**

- (1) **LOW PROFILE DUST TRAY MODELS**, see drawing LC-001
- (2) **TOP MOUNT BLOWER**
- (3) Outlet silencer on blower 10dba sound reduction
- (4) Magnehelic gauge
- (5) Automatic cleaning with timer controller
- (6) Drum lid kit
- (7) Slide gate on hopper outlet
- (8) 96" long bags for severe or PTFE membrane applications
- (9) Explosion vent; 20:1 ratio

MODEL #	LC18H	LC30H	LC30H8
Nominal CFM	1440	2400	4800
No. of Bags	18	30	30
No. of Valves	3	5	5
Compressed Air, SCF per pulse	0.87	1.31	2.44
Noise, dBA (1)	91	82	88
Weight, LBS (2 & 3)	1150	1900	2700
Inlet "A" x "B"	15X5	30X5	35X8
Outlet "C"	10	12	16
Optional Side Outlet	15x5	30x5	35x8
D	27	39	39
E	39	39	39
F (4)	60	60	111
G (5)	51	76	76
Motor HP (option)	5	5	10

- (1) Rated at 5 feet from fan outlet.
- (2) Add weight of fan; (LC6-18) 150- 170 Lbs, (LC30& 30-8) 220-300 Lbs.
- (3) For **shipping weight**, multiply by 1.40.
- (4) 108 inches for 8-foot bag option.
- (5) 51 for 5 gal. pail, 76 for 55 gal. drum.

**FAN PERFORMANCE (option)**

CFM @ In. WC external pressure	0	1	2	4	6
LC18H	1510	1450	1440	1260	1110
LC30H	2570	2480	2400	2050	1600
LC30H8	5200	5000	4800	4400	4100

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

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						TITLE: <b>ULTRA LOW "LC" SERIES - Hopper Style</b>				
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