

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.
- Pyramid 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:

- 1 HP; 115/1/60 (standard) or 208-230-460-575/3/60 volts
- 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.
- 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, 500-4800 CFM**, 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) **Slide gate** on hopper outlet
- (7) **96" long bags** for severe or PTFE membrane applications
- (8) **Explosion vent; 20:1 ratio**


MODEL #	LC6H	LC9H	LC12H
Rated CFM	500	720	960
No. of Bags	6	9	12
No. of Valves	2	3	3
Compressed Air SCF per pulse	0.65	0.65	0.87
NOISE dBA(1)	88	87	87
Weight, lbs (2&3)	480	590	850
INLET "A"x"B"	5 dia	8x5	12x5
OUTLET "C"	6	8	8
OPTIONAL SIDE OUTLET	5 dia	8x5	12x8
D	21	27	27
E	21	21	27
F (4)	60	60	60
G	40	40	40
Motor HP (option)	1.5	2	3

- (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.

FAN PERFORMANCE (option)

CFM @ In. WC external pressure	0	1	2	4	6
LC6H	590	550	500	440	310
LC9H	785	750	720	640	540
LC12H	1050	990	960	800	690

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

DRAWINGS BY:

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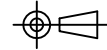
COMPANY: **QUALITY AIR MANAGEMENT**
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TITLE: **ULTRA FLOW "LC" SERIES - Hopper style**

PAGE: 1 OF 2

DATE: 02/02/07

SCALE: ERIES

REV. No.	REV. DATE.	REVISION DESCRIPTION.	PROJECTION:
4	9/9/09	Add fan performance	
3	06/09/08	revised CFM	
2	05/21/08	correct weights	
1	02/22/07	ADD OPTIONAL SIDE OUTLET	
			DWG.No. LC-002-1