

MODEL LC

SIDEWALL BELT DRIVE

PROPELLER FAN

APPLICATION

Model LCE (exhaust) is a high capacity belt driven propeller fan. Its primary application is the exhaust of large volumes of air at relatively low static pressures from commercial, light industrial and agricultural buildings such as manufacturing and assembly plants, warehouses, parking garages, gymnasiums, equipment rooms, distribution centers, poultry and greenhouses.

Belt driven fans provide large volumes of air at low fan speeds and low noise levels and afford quick, easy performance adjustments.

When suspended from the ceiling, thus keeping floor spaces open, model LC can be installed to direct large volumes of air downward toward work centers improving employee comfort and productivity.

CONSTRUCTION

Panel Assembly

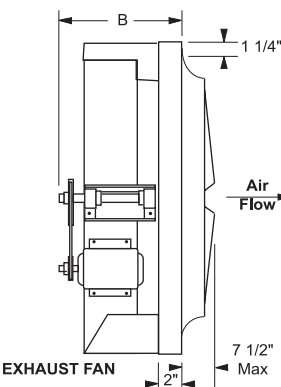
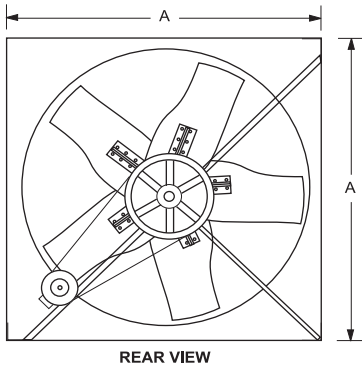
- Heavy-gauge galvanized steel.
- All welded motor & drive support frame assembly.
- Prepunched mounting holes.

Propeller

- Die formed galvanized steel blades.
- Epoxy coated hub keyed to fan shaft.
- Statically and dynamically balanced.

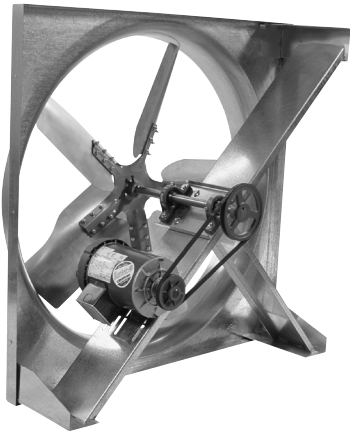
Drives

- Sized for minimum 150% of drive horsepower.
- Single belt adjustable pitch sheaves through 3 HP
- Nonstatic v-belts.



DIMENSIONAL DATA

MODEL LC	A	B	C	Average Ship Wt. Lbs	RECOMMENDED SHUTTER		FAN LESS MOTOR & DRIVES	
					OD	STOCK NO.	STOCK NO.	MAX MOTOR Hp
20	24	15	23	85	22 1/2	S3GA20	LCE20LMDS	3/4
24	30	15	23	90	28 1/2	S3GA26	LCE24LMDS	1 1/2
30	36	15	24	100	34 1/2	S3GA32	LCE30LMDS	1 1/2
36	42	15	24	105	40 1/2	S3GA38	LCE36LMDS	2
42	48	16	24	110	46 1/2	S3GA44	LCE42LMDS	2
48	54	16	24	125	52 1/2	S3GA50	LCE48LMDS	2



Bearings

- Designed for minimum 200,000 hour life.
- Bearings are sealed, prelubricated with relube fittings.

Motors

- Open drip-proof construction is standard.
- All motors mounted and factory run tested.



Breidert Air Products, Div. of Soler & Palau Ventilation Group certifies that the Models LC shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirement of the AMCA Certified Ratings Program.



UL STANDARD 705

ALL DIMENSIONS IN INCHES, WEIGHTS IN POUNDS. OD IS OUTSIDE DIMENSION OF SQUARE SHUTTER
DUE TO CONTINUING RESEARCH, BREIDERT RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.