

# MODEL SQB

## SQUARE INLINE BELT DRIVE

## CENTRIFUGAL DUCT FAN

### APPLICATION

Model SQB square inline duct mounted fans are available in sizes 7 through 42, moving from 100 to over 21,000 CFM, with static pressure capabilities to 1-1/2". SQB units are the perfect selection for clean air applications where space is a leading consideration. The compact housing with removable access doors and side discharge capability can be mounted in any orientation. AMCA licensed performance and UL listing assure that you've made a reliable selection.

### CONSTRUCTION

#### Housing

- Heavy-gauge galvanized steel for extra strength.
- Integral inlet and outlet duct collars.
- Universal mounting - horizontal, vertical or any angle.
- Motor and drives out of the air stream.
- Easy access for service with removable side panels and drive and bearing covers without disconnecting duct.

#### Centrifugal Wheel

- All aluminum backward inclined wheel.
- Nonoverloading for safe operation in ducted systems.
- Statically and dynamically balanced for smooth operation.

#### Bearings

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

### DIMENSIONAL DATA

MODEL SQB	A	B	C	Average Ship Wt. Lbs.
7-8	15	23	11 7/8	75
10	17	23	13 7/8	85
12	21	23	17 7/8	95
15	24	28	21 7/8	140
18	28	30	23 7/8	190
20	32	34	27 7/8	220
24	39	38	34 7/8	320



#### Drives

- Sized for minimum 150% of drive horse power.
- Machined cast iron adjustable motor pulleys.
- Motor mount plate with integral belt tensioning device.
- Nonstatic v-belts.

#### Motors

- Single speed open drip-proof are standard.
- All motors are rated for continuous duty.
- Standard motors are permanently sealed ball bearing type.
- 182T and larger motors shipped unmounted for field installation.

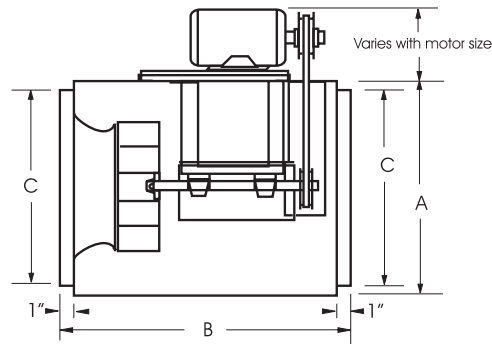
### AMCA SEAL



Breidert Air Products, Div. of Soler & Palau Ventilation Group certifies that the Models SQB 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-705 LISTED POWER VENTILATOR



MODEL SQB	GRAVITY DAMPER		MOTOR GUARD	HANGING ISOLATORS		FLOOR ISOLATORS		FAN LESS MOTOR & DRIVE
	OD	STOCK NO.	STOCK NO.	RUBBER STOCK NO.	SPRING STOCK NO.	RUBBER STOCK NO.	SPRING STOCK NO.	STOCK NO.
7	12	411012	MGQB07	VHRSQ06-15	VHSSQ06-20	VFRSQ06-15	VFSSQ06-20	SQB07LMDS
8	12	411012	MGQB08	VHRSQ06-15	VHSSQ06-20	VFRSQ06-15	VFSSQ06-20	SQB08LMDS
10	14	411014	MGQB10	VHRSQ06-15	VHSSQ06-20	VFRSQ06-15	VFSSQ06-20	SQB10LMDS
12	19	411019	MGQB12	VHRSQ06-15	VHSSQ06-20	VFRSQ06-15	VFSSQ06-20	SQB12LMDS
15	22	411022	MGQB15	VHRSQ06-15	VHSSQ06-20	VFRSQ06-15	VFSSQ06-20	SQB15LMDS
18	24	411024	MGQB18	VHRSQ18-20	VHSSQ06-20	VFRSQ18-20	VFSSQ06-20	SQB18LMDS
20	28	411028	MGQB20	VHRSQ18-20	VHSSQ06-20	VFRSQ18-20	VFSSQ06-20	SQB20LMDS
24	35	611035	MGQB24	VHRSQ24-30	VHSSQ24	VFRSQ24-30	VFSSQ24-30	SQB24LMDS

(1) - MAXIMUM 3 HP MOTOR - FOR 5 HP MOTOR CONTACT FACTORY

ALL DIMENSIONS IN INCHES, WEIGHTS IN POUNDS. OD IS OUTSIDE DIMENSION OF SQUARE DAMPER.

DUE TO CONTINUING RESEARCH, BREIDERT RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.