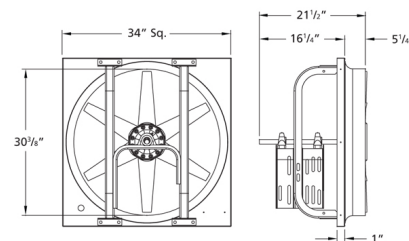


Reversible Belt-Drive Exhaust/Supply Fan

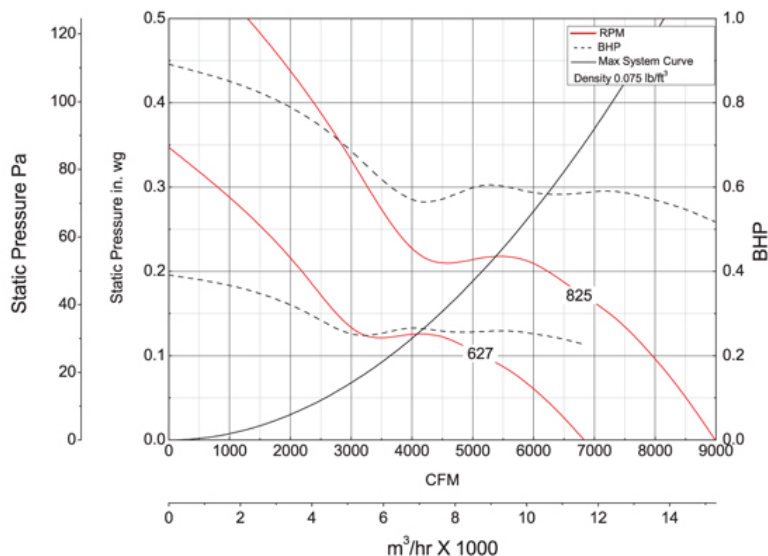


Designed for commercial and industrial applications requiring both exhaust and supply air. Construction includes rigid drive frame rails and one-piece motor/bearing plate. Propeller utilizes a six-blade cast aluminum design which provides low sound levels. Fans may be mounted either in the horizontal or vertical positions.

- Variable pitch adjustable motor pulley to optimize fan performance
- Maximum inlet air temperature: 104° F
- 6-Blade heavy-duty cast aluminum propellers



Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	30 in
Impeller Type	Propeller
Impeller Material	Cast Aluminum
Max Inlet Temp	104 °F
Bearing Type	Regreaseable Cast Pillow Block
Drive Package Description	Drives Packaged Separately
Warranty Length	1 Year

Motor Information

Motor Item Number	4K259
Voltage	115/208-230
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open Drip Proof
RPM	1,725 rpm
Full Load Amps	7.6/3.7-3.8

Other Components

Component	Description	Item #
Fan Description	Exhaust/Supply Fan	4YGA3
Belt	A39 (QTY: 1)	6A146
Driver Sheave	1VP4012	5UHR3
Driven Sheave	BK85	5UHF7
Driven Bushing	QT1	5UH22

Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP
1/2	0.58	825	CFM	8989	7614
			Sones	18.7	19.4

Performance is for exhaust fans installation type A: Free inlet, Free outlet. Supply fans performance is approximately 20% less for each horsepower (HP). Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field. Values are for installation type A: Free inlet sone levels.

Operating Range of Drive Package

Turns Open	FRPM @ 0 TO	FRPM @ 1/2 TO	FRPM @ 1 TO	FRPM @ 1 1/2 TO	FRPM @ 2 TO	FRPM @ 2 1/2 TO	FRPM @ 3 TO	FRPM @ 3 1/2 TO	FRPM @ 4 TO	FRPM @ 4 1/2 TO	FRPM @ 5 TO
Approx. FRPM	825	809	786	764	741	718	695	672	650	627	—