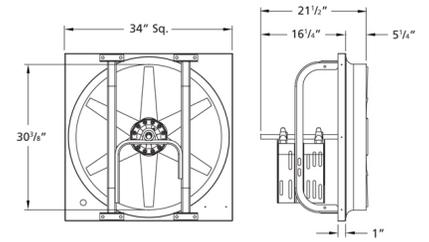


## Reversible Belt-Drive Exhaust/Supply Fan

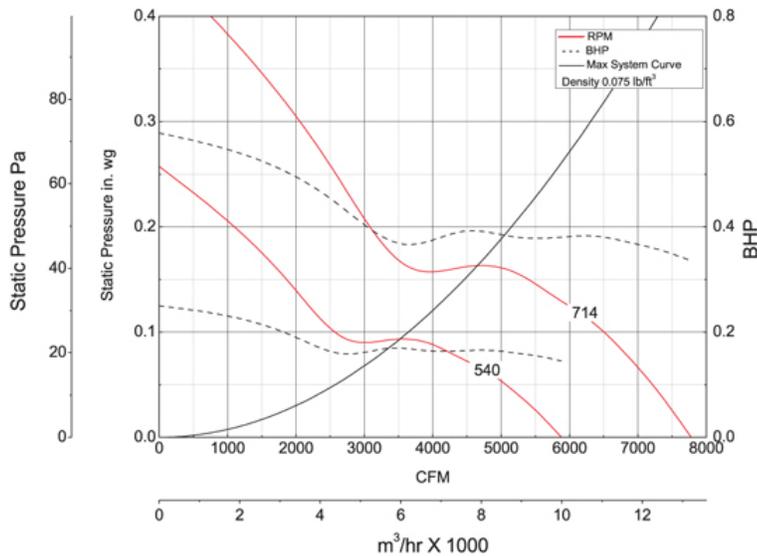


Designed for commercial and industrial applications requiring both exhaust and supply air. Construction includes rigid drive frame rails and one-piece motor/bearing plate. Propeller utilizes a six-blade cast aluminum design which provides low sound levels. Fans may be mounted either in the horizontal 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 | 20CL68          |
| Voltage           | 208-230/460     |
| Hertz (Cycle)     | 60 Hz           |
| Motor Phase       | 3               |
| Motor Enclosure   | Open Drip Proof |
| RPM               | 1,725 rpm       |
| Full Load Amps    | 1.2-1.2/0.60    |

## Other Components

| Component       | Description        | Item # |
|-----------------|--------------------|--------|
| Fan Description | Exhaust/Supply Fan | 4YGA3  |
| Belt            | 4L440 (QTY: 1)     | 4L440  |
| Driver Sheave   | 1VP4012            | 5UHR3  |
| Driven Sheave   | AK94               | 6YRD2  |
| Driven Bushing  | QT1                | 5UH22  |

## Air & Sound Performance

| Motor HP | Max BHP | Fan RPM | CFM @ | 0.000" SP | 0.125" SP |
|----------|---------|---------|-------|-----------|-----------|
| 1/3      | 0.38    | 714     | CFM   | 7780      | 5978      |
|          |         |         | Sones | 15.9      | 16.6      |

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 | 714         | 694           | 675         | 655             | 636         | 617             | 598         | 579             | 559         | 540             | —           |