Job Name: Mark: Submitted By: Date: 12/05/2025

Centrifugal Downblast Exhaust Fan, Product # GB-140-7122XQD-DR2, 1609-2931 CFM

Model GB, belt drive centrifugal roof exhaust fans are designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Units feature a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize motor life.

- •22 x 22 inch base with prepunched mounting holes for easy attachment to roof curb
- •Variable pitch adjustable motor pulley to optimize fan performance
- •18.5 x 18.5 inch recommended roof opening

Certifications

AMCA Sound & Air High Wind and Hurricane Seismic UL/cUL 705

Performance Characteristics

No Fan Curve Available.

Construction Features

| Drive Type | Belt Drive | | | | | |
|---------------------------|---------------------------------|--|--|--|--|--|
| Impeller Type | Centrifugal Wheel | | | | | |
| Impeller Material | Aluminum | | | | | |
| Housing Material | Spun Aluminum | | | | | |
| Includes | Unassembled drive package | | | | | |
| Certifications | AMCA Sound &Air | | | | | |
| Certifications | High Wind and Hurricane | | | | | |
| Certifications | Seismic | | | | | |
| Certifications | UL/cUL 705 | | | | | |
| | Motor and drives shipped | | | | | |
| Drive Package Description | loose | | | | | |
| Required Accessory | Roof curb for new installations | | | | | |

Motor Information

| Service Factor | 1.25 |
|--------------------|-----------------|
| Phase | 1 |
| Voltage | 115/208-230 |
| HP | 3/4 |
| Motor Enclosure | Open Drip Proof |
| Motor Insulation | В |
| Thermal Protection | AutoOverload |
| NEMA Frame Size | 56 |

Air and Sound Performance

| Motor HP | Max BHP | Max Fan RPM | Min Fan RPM | Ps (in. wg) | 0 | 0.125 | 0.25 | 0.375 | 0.5 | 0.625 | 0.75 | 0.875 | 1 | 1.25 | 1.5 |
|-------------|------------|----------------|----------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3/4 | 0.00 | 1580 | 1270 | CFM | 2,931 | 2,854 | 2,778 | 2,704 | 2,628 | 2,550 | 2,463 | 2,372 | 2,268 | 2,009 | 1,609 |
| | 0.83 | | | Sones | 18.3 | 18.6 | 17.7 | 17.5 | 17.3 | 16.6 | 15.7 | 15.3 | 15.2 | 15.1 | 15.1 |