

## Centrifugal Downblast Exhaust Fan, Product # GB-140-5122XQD-DR3, 1173-1651 CFM

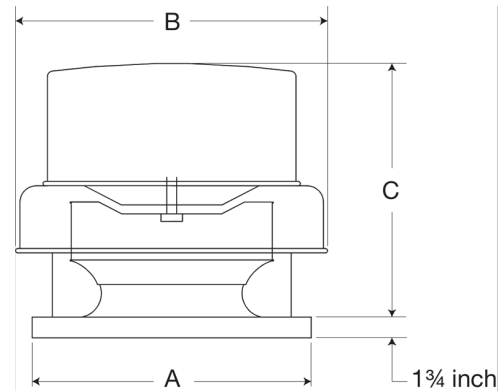


Model GB, belt drive centrifugal roof exhaust fans are designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Units feature a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize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

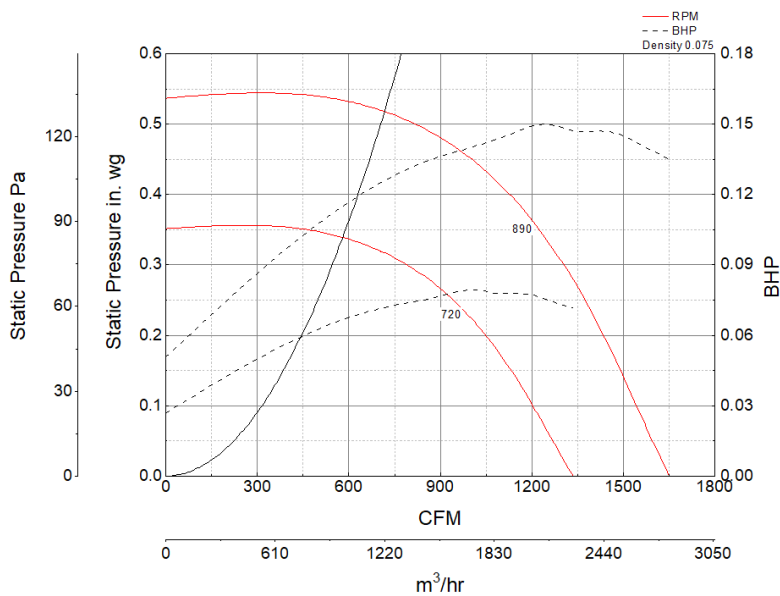
- 22 x 22 inch base with prepunched mounting holes for easy attachment to roof curb
- Variable pitch adjustable motor pulley to optimize fan performance
- 18.5 x 18.5 inch recommended roof opening

### Certifications

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



### Performance Characteristics



### 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                      |
| Drive Package Description | Motor and drives shipped loose  |
| Required Accessory        | Roof curb for new installations |

### Motor Information

|                    |                 |
|--------------------|-----------------|
| Service Factor     | 1.15            |
| Phase              | 1               |
| Voltage            | 115/208-230     |
| HP                 | 1/2             |
| Motor Enclosure    | Open Drip Proof |
| Motor Insulation   | B               |
| Thermal Protection | AutoOverload    |
| NEMA Frame Size    | 48              |

### Air and Sound Performance

| Motor HP | Max BHP | Max Fan RPM | Min Fan RPM | Ps (in. wg) | 0     | 0.125 | 0.25  | 0.375 |
|----------|---------|-------------|-------------|-------------|-------|-------|-------|-------|
| 1/2      | 0.15    | 890         | 720         | CFM         | 1,651 | 1,517 | 1,372 | 1,173 |
|          |         |             |             | Sones       | 7.5   | 7.5   | 7.1   | 6.6   |