



# COOK

# CVB

DATE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

LOCATION: \_\_\_\_\_



## Centri-Vane All Aluminum Inline Centrifugal Blower Belt Drive

### DIMENSION DATA

| Size | A  | B       | C       | D        | E      | F<br>Max. | G       | H       | Wheel<br>Dia. | Max Mtr<br>Frame | Ga. of<br>Alum. | Ship Wt.<br>less Mtr. |
|------|----|---------|---------|----------|--------|-----------|---------|---------|---------------|------------------|-----------------|-----------------------|
| *10  | 10 | 15      | 16-3/16 | 8-11/16  | 1-5/16 | 11-1/4    | 12-1/4  | 13      | 12-15/16      | 48T              | .080            | 62                    |
| 12   | 12 | 17-1/8  | 19-1/8  | 9-15/16  | 1-5/16 | 11-1/4    | 14-1/8  | 15-1/8  | 15-9/16       | 182T             | .100            | 68                    |
| 14   | 14 | 19-1/8  | 22      | 11-7/16  | 1-5/16 | 11-1/4    | 16-1/4  | 17-1/8  | 18-1/4        | 182T             | .100            | 81                    |
| 16   | 16 | 21-9/16 | 24-7/8  | 12-11/16 | 1-5/16 | 11-1/4    | 18-1/4  | 19-9/16 | 20-15/16      | 184T             | .100            | 93                    |
| 18   | 18 | 24-1/2  | 27-3/4  | 14       | 1-5/16 | 11-1/4    | 20-3/8  | 22-1/2  | 23-9/16       | 184T             | .100            | 175                   |
| 20   | 20 | 26-3/8  | 30-1/2  | 15-3/4   | 1-5/16 | 13-1/4    | 22-1/2  | 24-3/8  | 26-1/4        | 213T             | .100            | 204                   |
| 24   | 24 | 31-1/4  | 36-1/2  | 18-5/8   | 1-9/16 | 13-1/4    | 26-3/4  | 29-1/4  | 31-9/16       | 215T             | .100            | 279                   |
| 28   | 28 | 36      | 42      | 21-1/2   | 1-9/16 | 15-1/2    | 30-3/4  | 34      | 36-7/8        | 215T             | .100            | 381                   |
| 32   | 32 | 40-7/8  | 48      | 24-7/16  | 1-9/16 | 15-1/2    | 35-3/16 | 38-7/8  | 42-3/16       | 215T             | .125            | 495                   |
| 36   | 36 | 44-1/4  | 53-3/8  | 26-3/4   | 1-9/16 | 15-1/2    | 39-3/8  | 42-1/4  | 47-1/2        | 215T             | .125            | 617                   |

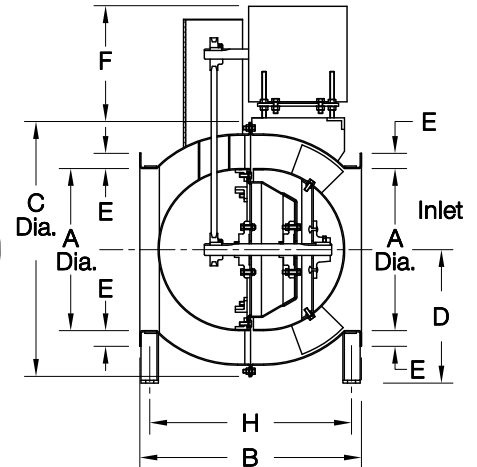
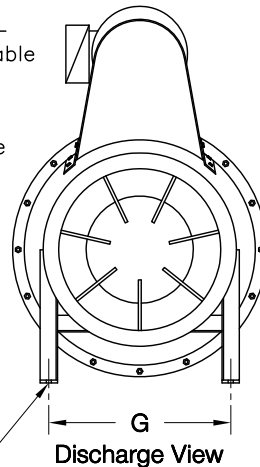
ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS. \*NOT AMCA CERTIFIED.

### STANDARD CONSTRUCTION FEATURES:

All aluminum construction – Fully rotatable housing – All angle operation – Straightening vanes – Regreasable bearings in a cast housing rated at 200,000 hours average life – Extended lube lines – Bearings and belts out of the airstream – Static resistant belts – All fans factory adjusted to specified fan RPM – Five year fan warranty.

### ACCESSORIES

1. DISCONNECT SWITCH
2. BELT GUARD
3. WEATHER COVER
4. COMPANION FLANGE
5. FLEXIBLE DUCT CONNECTOR
6. VIBRATION PADS
7. INLET SCREEN
8. OUTLET SCREEN
9. VOLUME CONTROL DAMPER
10. INLET VANE DAMPER
11. EPOXY COATING



| QTY | MARK | CATALOG NUMBER | FAN INFORMATION |    |     | MOTOR INFORMATION |       |    |    |      | ACCESSORIES |  |
|-----|------|----------------|-----------------|----|-----|-------------------|-------|----|----|------|-------------|--|
|     |      |                | CFM             | SP | RPM | HP                | VOLTS | HZ | PH | TYPE |             |  |
|     |      |                |                 |    |     |                   |       |    |    |      |             |  |

LARGEST MOTOR SHIPPED MOUNTED: ODP (OPEN DRIP-PROOF) 2 HP; 2 SP (2 SPEED) 1 HP; X-PRF (EXPLOSION PROOF) 1 HP; TEFC (TOTALLY ENCLOSED FAN COOLED) 1 HP.

CV001R04