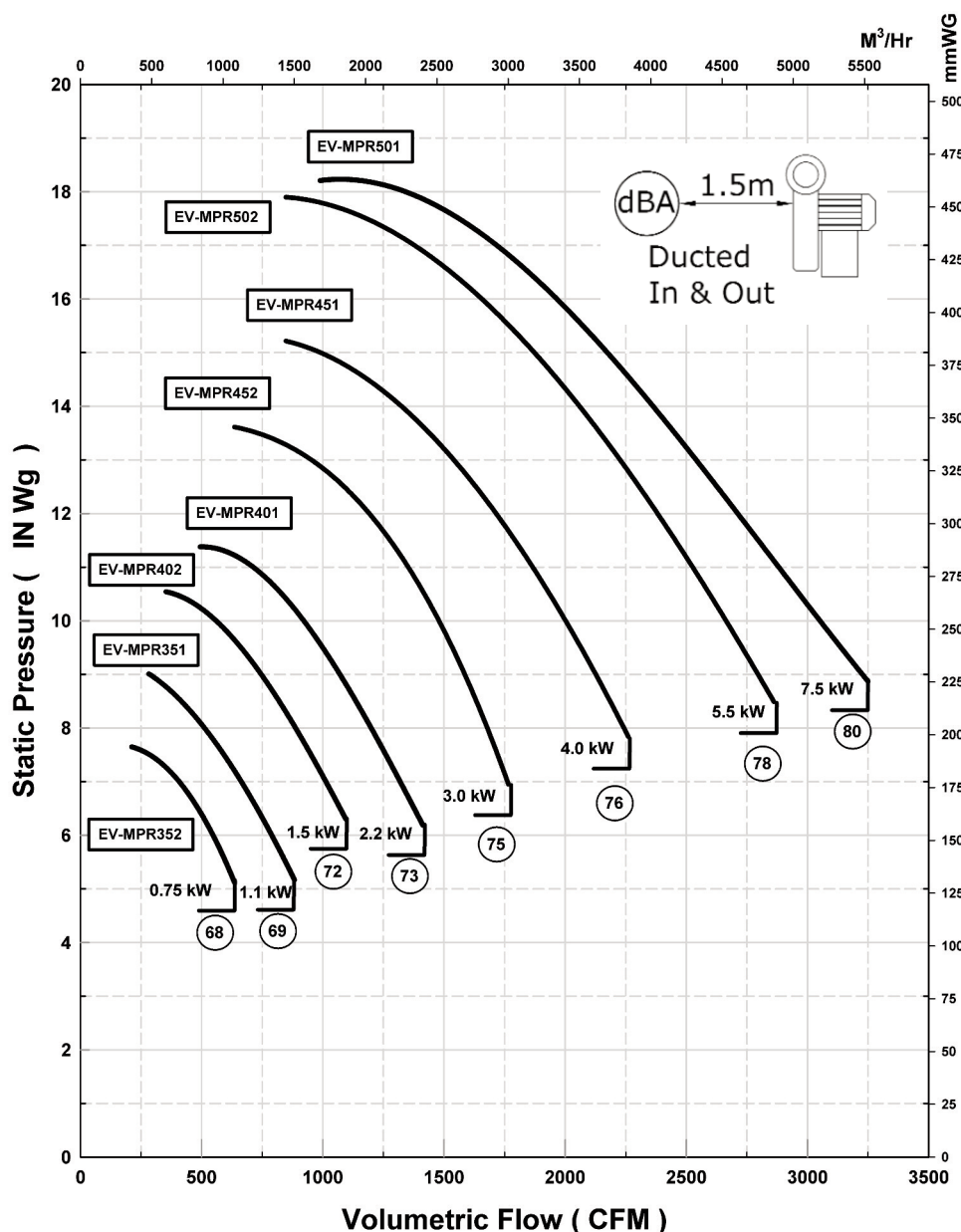


# EV Radial Bladed Blowers

## MPR 2 Pole Series (MPR352-MPR501)

Performance curves - inlet & discharge side

Curve illustrated is for 2 pole (2900 RPM)



### Optional Extras Include:

- Control Valves
- Inlet Guards
- Inlet & Outlet Flexible Connectors
- Anti-vibration mountings

### Please note:

Pascal = (In.SWG x 249)  
M³/Hr = (CFM x 1.699)

Noise level tolerances +3dB(A)

### Description:

Low and medium pressure centrifugal fan. High efficiency and low noise reverse-blade impeller. Directly coupled motor.

### Use:

This series of blowers are particularly suitable for aspiration of extremely dusty air that may even contain granulated materials.

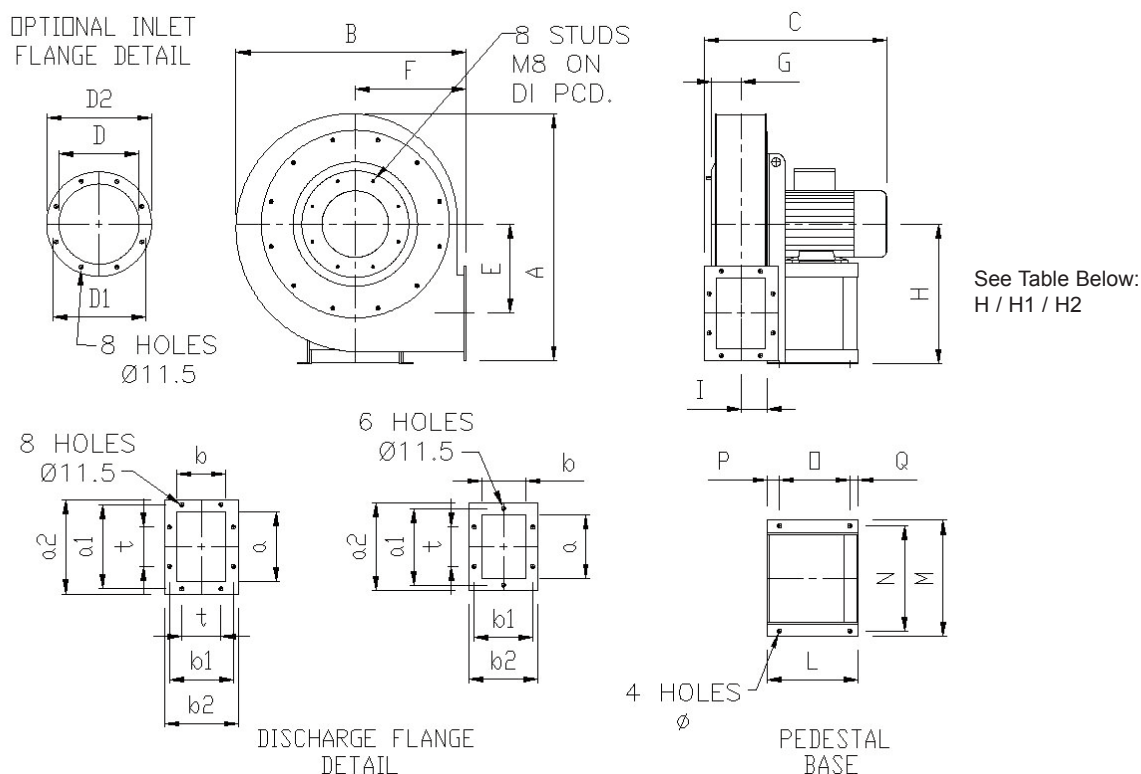
### Please note:

- Maximum air temperature through fan is 80°C.
- Higher temperatures can be achieved with a heat spinner arrangement. Please consult ACI's Technical Sales Department.

# EV Radial Bladed Blowers

## MPR 2 Pole Series (MPR352-MPR501)

### Outline drawing dimensions:



MPR Range painted RAL6011 Green as standard. [Other colours available upon request.]

All MPR Fans are revolvable.

**Table of discharge angles (\* Options may incur additional cost)**

|    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| LG |  |  |  |  |  |  |  |  |
|    | L0                                                                                  | L45                                                                                  | L90                                                                                   | L135                                                                                  | L180                                                                                  | L225                                                                                  | L270                                                                                  | L315                                                                                  |
| RD |  |  |  |  |  |  |  |  |
|    | R0                                                                                  | R45                                                                                  | R90                                                                                   | R135                                                                                  | R180                                                                                  | R225                                                                                  | R270                                                                                  | R315                                                                                  |

**Table for blower dimensions:**

| Type    |         | Fan |     |     |     |     |     |     |                |                |    | Base |     |     |     |    |    |    |     | Inlet Flange   |                |     | Discharge Flange |                |                |                |                |     |    |     |          |  | Weight | Inlet Guard |
|---------|---------|-----|-----|-----|-----|-----|-----|-----|----------------|----------------|----|------|-----|-----|-----|----|----|----|-----|----------------|----------------|-----|------------------|----------------|----------------|----------------|----------------|-----|----|-----|----------|--|--------|-------------|
| Fan     | Motor   | A   | B   | C   | E   | F   | G   | H   | H <sub>1</sub> | H <sub>2</sub> | I  | L    | M   | N   | O   | P  | Q  | Ø  | D   | D <sub>1</sub> | D <sub>2</sub> | a   | b                | a <sub>1</sub> | b <sub>1</sub> | a <sub>2</sub> | b <sub>2</sub> | t   | N° | Kg  | Pt No.   |  |        |             |
| MPR 352 | 80 A2   | 590 | 530 | 385 | 200 | 250 | 70  | 335 | 335            | 250            | 60 | 190  | 235 | 215 | 125 | 50 | 15 | 10 | 185 | 219            | 255            | 160 | 112              | 200            | 153            | 230            | 182            | 112 | 6  | 35  | EVP-003  |  |        |             |
| MPR 351 | 80 B2   | 590 | 530 | 385 | 200 | 250 | 70  | 335 | 335            | 250            | 60 | 190  | 235 | 215 | 125 | 50 | 15 | 10 | 185 | 219            | 255            | 160 | 112              | 200            | 153            | 230            | 182            | 112 | 6  | 36  |          |  |        |             |
| MPR 402 | 90 S2   | 660 | 590 | 435 | 235 | 280 | 75  | 375 | 375            | 280            | 68 | 215  | 270 | 245 | 137 | 60 | 18 | 10 | 205 | 241            | 275            | 180 | 125              | 219            | 167            | 250            | 195            | 112 | 6  | 40  | EV-RP200 |  |        |             |
| MPR 401 | 90 L2   | 660 | 590 | 435 | 235 | 315 | 75  | 375 | 375            | 280            | 68 | 215  | 270 | 245 | 137 | 60 | 18 | 10 | 205 | 241            | 275            | 180 | 125              | 219            | 167            | 250            | 195            | 112 | 6  | 44  |          |  |        |             |
| MPR 452 | 100 LA2 | 715 | 655 | 520 | 255 | 315 | 85  | 400 | 400            | 315            | 75 | 260  | 332 | 300 | 200 | 35 | 25 | 12 | 229 | 265            | 299            | 200 | 140              | 241            | 182            | 270            | 210            | 112 | 8  | 72  | EVP-012  |  |        |             |
| MPR 451 | 112 M2  | 715 | 655 | 520 | 255 | 315 | 85  | 400 | 400            | 315            | 75 | 260  | 332 | 300 | 200 | 35 | 25 | 12 | 229 | 265            | 299            | 200 | 140              | 241            | 182            | 270            | 210            | 112 | 8  | 77  |          |  |        |             |
| MPR 502 | 132 SA2 | 800 | 740 | 615 | 290 | 355 | 100 | 450 | 450            | 355            | 85 | 320  | 392 | 360 | 250 | 45 | 25 | 12 | 255 | 292            | 325            | 224 | 160              | 265            | 200            | 294            | 230            | 112 | 8  | 100 | EV-RP250 |  |        |             |
| MPR 501 | 132 SB2 | 800 | 740 | 615 | 290 | 355 | 100 | 450 | 450            | 355            | 85 | 320  | 392 | 360 | 250 | 45 | 25 | 12 | 255 | 292            | 325            | 224 | 160              | 265            | 200            | 294            | 230            | 112 | 8  | 105 |          |  |        |             |

Please note (1) - all drawings measurements are in millimeters (mm)  
Please note (2) - above technical specifications are subject to change

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