

# R1G175 Series

Motorized Impeller



## Ø 175mm Backward Curved

- These centrifugal fans have backward curved blades offering an extremely good aerodynamic efficiency
- Impeller completely made of plastic PA 6.6, injection-molded round sheet-metal plate.
- Wiring connection: Red = + ; Blue = - ; White = Tach Output; Yellow = Speed Control
- Integrated electronics with reverse polarity and locked-rotor protection. Rotation is CW. Tach Output. Cable exit: variable.
- UL, CSA, VDE approvals on most models, please contact application engineering.
- Recommended inlet ring: 09576-2-4013.

| Part Number    | Curve | CFM @ 0 | VDC | Volt. Range | Power (W) | dBA | Max Amb. Temp C | Bearing Type | Impeller Material | Wgt. (lbs) |
|----------------|-------|---------|-----|-------------|-----------|-----|-----------------|--------------|-------------------|------------|
| R1G175-AB75-24 | 1     | 301     | 12  | 8 to 14     | 27        | 66  | 60              | Ball         | Plastic           | 1.54       |
| R1G175-AB63-02 | 2     | 330     | 24  | 16 to 28    | 34        | 65  | 60              | Ball         | Plastic           | 1.54       |
| R1G175-AB41-02 | 2     | 330     | 48  | 36 to 57    | 34        | 65  | 60              | Ball         | Plastic           | 1.54       |
| R1G175-AF29-04 | 3     | 409     | 48  | 36 to 52    | 75        | 72  | 40              | Ball         | Plastic           | 2.20       |

