

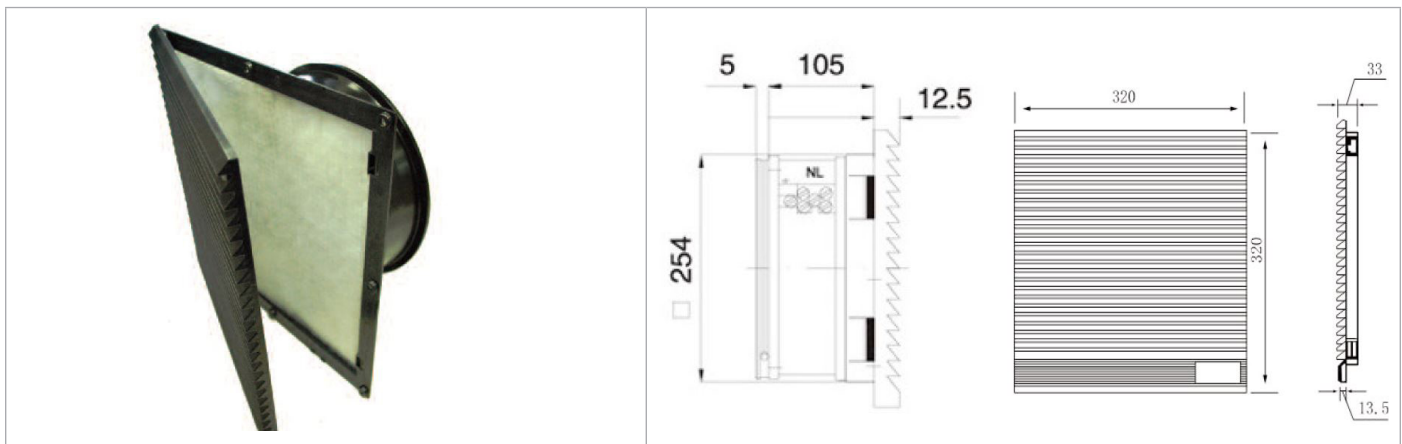


# Datasheet

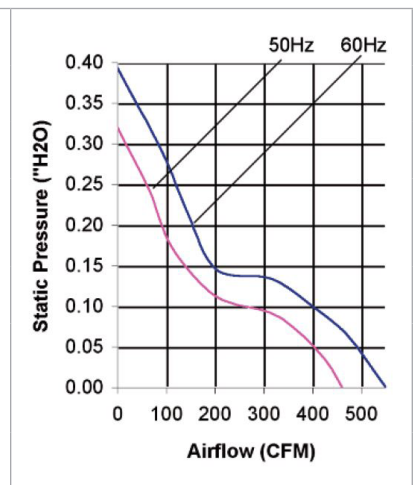
## RS PRO LOUVERED FILTER FAN KIT WITH 254mm AC AXIAL FAN INSTALLED and SNAP-ON GUARD

Stock number: 175-9824

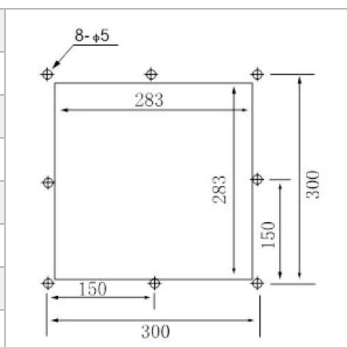
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|                       |   |   |
|-----------------------|---|---|
| Frame                 | Diecast Aluminum                              | Operating Temperature<br>-20C ~ +80C  |
| Impeller              | PBT, UL94V-O plastic                          | Life Expectancy<br>60,000 hours (L10 at 40C)  |
| Connection            | 2x Lead Wires or Terminals                    | Environment:<br>Class B Insulation<br>IP54 Rated Guard  |
| Motor                 | Capacitor drive, Thermally protected          | Guard Frame: ABS Resin<br>UL94V-O with UV protection<br>Color: Black (standard) or Gray<br>Filter Mesh: Nylon fiber,<br>Synthetic Resin |
| Bearing System        | Dual ball bearing                             |   |
| Insulation Resistance | >100M ohm between leadwire and frame (500VDC) |   |
| Dielectric Strength   | 1 min at 1500 VAC                             |   |



|                      |                                  |
|----------------------|----------------------------------|
| Model Number         | 175-9824                         |
| Nominal Voltage      | 230 VAC                          |
| Voltage Range        | 160 - 260 VAC                    |
| Rated Power          | 31 / 33 W (50/60Hz)              |
| Rated Speed (RPM)    | 1400 / 1650                      |
| Airflow - CFM        | 460 / 547                        |
| Noise Level - (dB)   | 52 / 55                          |
| Max. Static Pressure | 0.32\" / 0.39\" H <sub>2</sub> O |



\* Note: Airflow data is for the fan without the louvered filter attached. Calculations indicate that up to a 40% reduction (~ 180 CFM) in fan airflow is possible with LFG unit installed.