

## HR TOP-MOUNT FILTER FANS



### INDUSTRY STANDARDS

UL/cUL Listed; Type 12; File No. E482010

CE  
EAC

### APPLICATION

- Industrial automation
- Automotive assembly
- Package handling equipment
- Food and beverage process controls
- Wind energy systems

### FEATURES

- Free airflow up to 266 CFM (452 m<sup>3</sup>/hr.) or 348 CFM (591 m<sup>3</sup>/hr.)
- Enclosure top mounting
- Bolt in place to ensure a tight seal
- Terminal block connections

### FINISH

- RAL 7035 light-gray UV-resistant mild steel standard
- RAL 9011 black UV-resistant mild steel optional

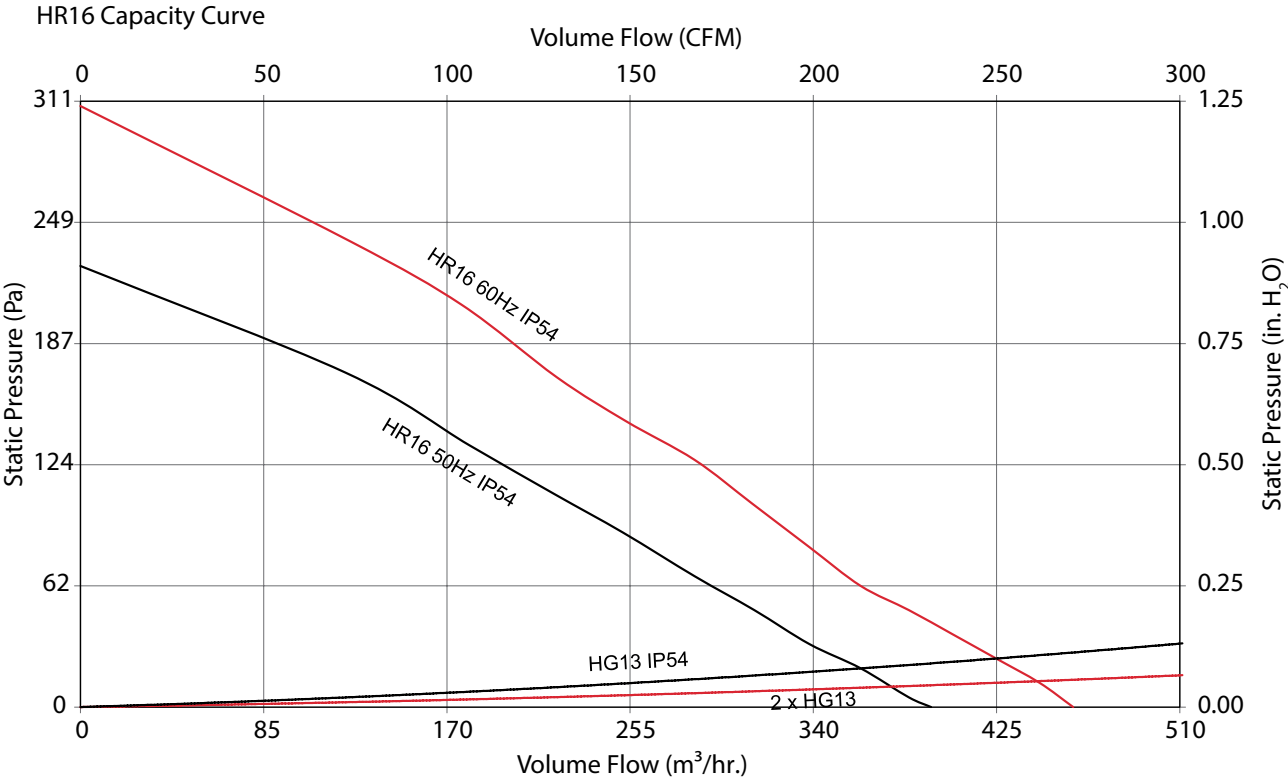
Performance Data **HR16 266 CFM (452 m³/hr.) Top-Mount Filter Fans**

| ELECTRICAL DATA                               |                                        |           |
|-----------------------------------------------|----------------------------------------|-----------|
| Rated Voltage                                 | 115                                    | 230       |
| Frequency (Hz)                                | 50/60                                  | 50/60     |
| Nominal Current Maximum (Amps)                | .82                                    | .82       |
| Power Consumption Maximum (Watts)             | 80                                     | 108       |
| Power Connection                              | Terminal Block                         |           |
| FILTER FANS                                   |                                        |           |
| RAL 7035 Light Gray:                          |                                        |           |
| Catalog Number                                | HR1616414                              | HR1626414 |
| RAL 9011 Black:                               |                                        |           |
| Catalog Number                                | HR1616413                              | HR1626413 |
| Free Airflow (CFM / m³/hr.)                   | 266/452                                | 266/452   |
| Airflow with 1 Exhaust Grille (CFM / m³/hr.)  | 250/425                                | 250/425   |
| Airflow with 2 Exhaust Grilles (CFM / m³/hr.) | 260/442                                | 260/442   |
| FILTER FAN UNIT CONSTRUCTION                  |                                        |           |
| Fan RPM                                       | 2880                                   | 2980      |
| Sound Pressure (dBA)                          | 70                                     | 68        |
| Operating Temperature Range:                  |                                        |           |
| Maximum (°F / °C)                             | 131/55                                 | 131/55    |
| Minimum (°F / °C)                             | 14/-10                                 | 14/-10    |
| Service Life (hours)                          | 50,000                                 | 50,000    |
| Unit Dimensions - H x W x D (in. / mm)        | 13.52 x 16.27 x 4.19 / 343 x 413 x 107 |           |
| Cutout Dimensions - H x W (in. / mm)          | 10.43 x 13.58 / 265 x 345              |           |
| Weight (lb. / kg)                             | 17.20 / 7.8                            |           |
| EXHAUST GRILLES                               |                                        |           |
| RAL 7035 Light Gray:                          |                                        |           |
| Catalog Number                                | HG1300404                              |           |
| ACCESSORIES                                   |                                        |           |
| Replacement Filters:                          |                                        |           |
| Catalog Number                                | 89139592R                              | 89139592R |
| Thermostat Catalog Number (°F)                | THERM16F                               | THERM26F  |
| Thermostat Catalog Number (°C)                | THERM16C                               | THERM26C  |

Above airflow rates at 60 Hz; see performance curves for airflow at 50 Hz and more details.

Unit depth is from the back edge of the grille to the back of the fan.

Performance Curves for HR16 Models 266 CFM (452 m³/hr.) Side-Mount Filter Fans



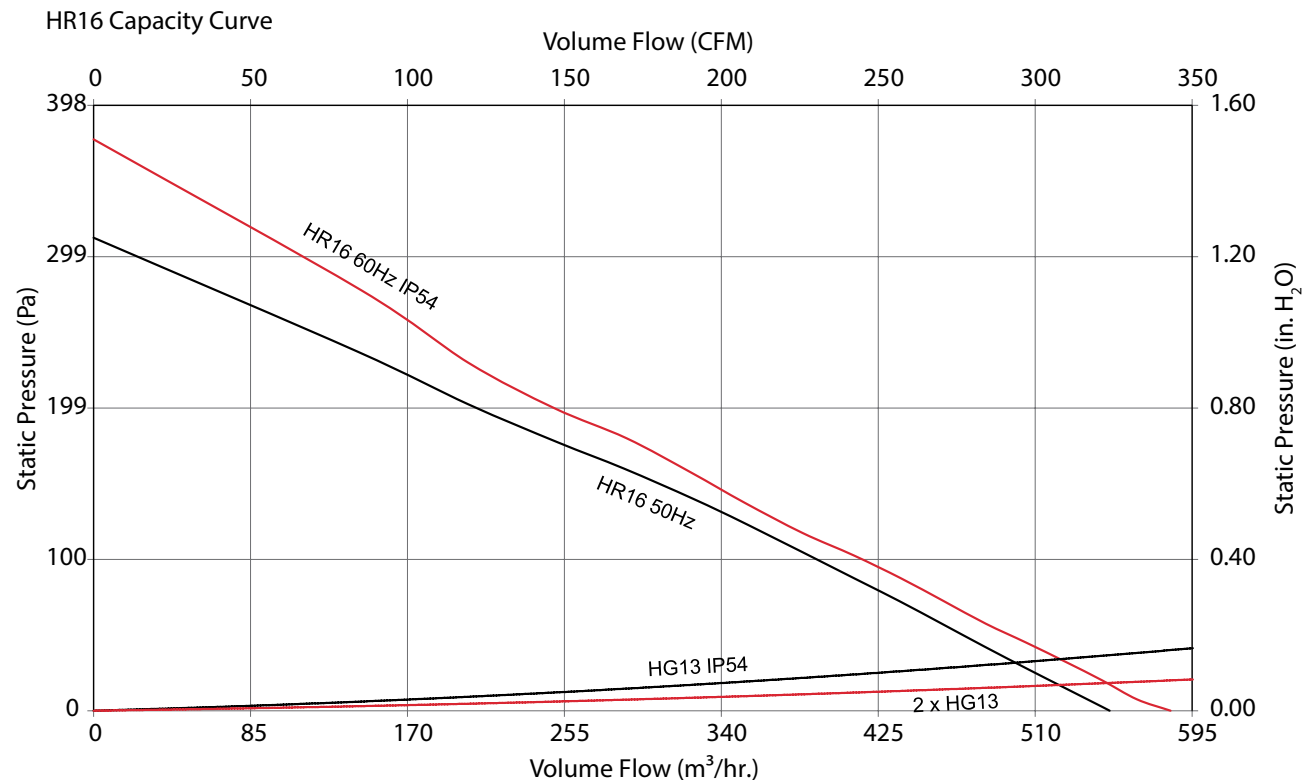
## Performance Data HR16 348 CFM (591 m<sup>3</sup>/hr.) Top-Mount Filter Fans

| ELECTRICAL DATA                                            |                                        |           |
|------------------------------------------------------------|----------------------------------------|-----------|
| Rated Voltage                                              | 115                                    | 230       |
| Frequency (Hz)                                             | 50/60                                  | 50/60     |
| Nominal Current Maximum (Amps)                             | .93                                    | .53       |
| Power Consumption Maximum (Watts)                          | 107                                    | 120       |
| Power Connection                                           | Terminal Block                         |           |
| FILTER FANS                                                |                                        |           |
| RAL 7035 Light Gray:                                       |                                        |           |
| Catalog Number                                             | HR1616424                              | HR1626424 |
| RAL 9011 Black                                             |                                        |           |
| Catalog Number                                             | NA                                     | HR1626423 |
| Free Airflow (CFM / m <sup>3</sup> /hr.)                   | 348/591                                | 348/591   |
| Airflow with 1 Exhaust Grille (CFM / m <sup>3</sup> /hr.)  | 311/528                                | 311/528   |
| Airflow with 2 Exhaust Grilles (CFM / m <sup>3</sup> /hr.) | 325/552                                | 325/552   |
| FILTER FAN UNIT CONSTRUCTION                               |                                        |           |
| Fan RPM                                                    | 2610                                   | 2650      |
| Sound Pressure (dBA)                                       | 68                                     | 68        |
| Operating Temperature Range:                               |                                        |           |
| Maximum (°F / °C)                                          | 131/55                                 | 131/55    |
| Minimum (°F / °C)                                          | 14/-10                                 | 14/-10    |
| Service Life (hours)                                       | 50,000                                 | 50,000    |
| Unit Dimensions - H x W x D (in. / mm)                     | 13.52 x 16.27 x 4.19 / 343 x 413 x 107 |           |
| Cutout Dimensions - H x W (in. / mm)                       | 10.43 x 13.58 / 265 x 345              |           |
| Weight (lb. / kg)                                          | 17.20 / 7.8                            |           |
| EXHAUST GRILLES                                            |                                        |           |
| RAL 7035 Light Gray:                                       |                                        |           |
| Catalog Number                                             | HG1300404                              |           |
| ACCESSORIES                                                |                                        |           |
| Replacement Filters:                                       |                                        |           |
| Catalog Number                                             | 89139592R                              | 89139592R |
| Thermostat Catalog Number (°F)                             | THERM16F                               | THERM26F  |
| Thermostat Catalog Number (°C)                             | THERM16C                               | THERM26C  |

Above airflow rates at 60 Hz; see performance curves for airflow at 50 Hz and more details.

Unit depth is from the back edge of the grille to the back of the fan.

## Performance Curves for HR16 Models 348 CFM (591 m<sup>3</sup>/hr.) Side-Mount Filter Fans



HR16 266-348 CFM (452-591 m³/hr.) Top-Mount Filter Fans

