



Product datasheet HALO

Professional Laboratory Grade Air Purifiers

Filtration of VOCs, Viruses, and Viable/Non-Viable Pollutants

- Ceiling mounted for optimal efficiency
- Energy efficient (50W) output
- Validated performance
- Independent and self sustainable, no HVAC required
- SMART remote management with SMART light technology
- Guaranteed ventilation
- Improvement with increased air change rates (ACH)







HALO

| _ | Molecular Filtration | | | Viable & Non-viable Particulate Filtration | |
|-------------------------------|--|----------------|--------------|--|---|
| | Voc | VOCs and Acids | Formaldehyde | | HEPA |
| | 757840-654 | 75784-652 | 76202-618 | | 76460-882 |
| | | HALO CARBON | | | HALO HEPA |
| External width (mm / in) | 592 / 23 ^{1/4} | | | | 592 / 231/4 |
| External depth (mm / in) | 892 / 351/4 | | | | 892 / 351/4 |
| External height (mm / in) | 260 / 101/4 | | | | 303 / 12 |
| Air flow (m3/h / CFM) | 220 m³/h / 130 CFM | | | | 300 m ³ /h / 176 CFM |
| Safety Standards : | *Filtration performances tested according to the AFNOR NF X 15-211:2009 standard : France EN 1822 : 1998 (HEPA H14 & ULPA U16 Filters) - CE Marking | | | | |
| Voltage / Frequency (V/Hz) | 80-240VAC 50/60Hz | | | | 80-240VAC 50/60Hz |
| Power consumption | 50 Watt | | | | 50 Watt |
| Operating mode | 24/24h - 7/7, Night/Day, Min Max detection, Detection value only | | | | 24/24h - 7/7, Night/Day |
| Ceiling mounted | Hung via 4 eye bolts (included) | | | Hur | g via 4 eye bolts (included) |
| Weight (kg/lbs) | 31 kg - 68 lbs (filter included) | | | 31 | kg - 68 lbs (filter included) |
| Protected surface (m²) | 25 m² / 269 ft² | | | | Up to 93 m ² / 1,000 ft ² |
| Features | | | | | |

Features

| Communication interface | Simple communication by LED pulses: fan settings, usage timer, fan failure, automatic detection of air quality performance | | | |
|---|---|---|--|-------------|
| eGuard® app | App for remote control to monitor HALO units, change the settings, and deliver safety alerts immediately to your devices (mobile, tablet and PC). | | | |
| Connectivity | RJ45 ethernet cable connection | | | |
| Air quality per- formance sen- sors | Semiconductor for VOCs | Semiconduct or Electro- chemical for a wide array of pollutants | Electro-chemical sensor for Formaldehyde | Timer Based |

Options

| Carbon filtration for gases and vapors | For organic vapors | For organic vapors and acid vapors | For formaldehyde vapors | |
|--|--------------------|------------------------------------|-------------------------|--|
| Particulate filtration for powders | | | | HEPA H14 filtration efficiency: 99.995 % |
| Prefilter | Particulate filter | | | |
| Postfilter | | Particulate filter | | |

Structure

| Metallic frame | Corrosion resistant electro-galvanized steel coated wit | Corrosion resistant electro-galvanized steel coated with anti-acid polymer | | |
|-------------------|---|--|--|--|
| Filtration module | Injected polypropylene | Aluminum | | |



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