



# 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)



Laboratory



Senior Living



Classroom

	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 <sup>1/4</sup>			592 / 23 <sup>1/4</sup>
External depth (mm / in)	892 / 35 <sup>1/4</sup>			892 / 35 <sup>1/4</sup>
External height (mm / in)	260 / 10 <sup>1/4</sup>			303 / 12
Air flow (m <sup>3</sup> /h / CFM)	220 m <sup>3</sup> /h / 130 CFM			300 m <sup>3</sup> /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)			Hung via 4 eye bolts (included)
Weight (kg/lbs)	31 kg - 68 lbs (filter included)			31 kg - 68 lbs (filter included)
Protected surface (m <sup>2</sup> )	25 m <sup>2</sup> / 269 ft <sup>2</sup>			Up to 93 m <sup>2</sup> / 1,000 ft <sup>2</sup>

## 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 performance sensors	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 %
Pre-filter	Particulate filter			
Post-filter	Particulate filter			

## Structure

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