



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

Avantor Cat. #	Molecular Filtration			Viable & Non-viable Particulate Filtration	
	VOC	Formaldehyde	Acids	HEPA	ULPA
	75784-654	76202-618	75784-652	76460-882	
	HALO C			HALO P	
External width (mm / in)	592 / 23 ^{3/4}			592 / 23 ^{3/4}	
External depth (mm / in)	892 / 35 ^{1/4}			892 / 35 ^{1/4}	
External height (mm / in)	260 / 10 ^{1/4}			303 / 12	
Air flow (m3/h / CFM)	220 m ³ /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)			Hung via 4 eye bolts (included)	
Weight (kg/lbs)	31 kg - 68 lbs (filter included)			31 kg - 68 lbs (filter included)	
Protected surface (m ²)	25 m ² / 269 ft ²			Up to 93 m ² / 1,000 ft ²	

Features

Communication interface	Simple communication by LED pulses: fan settings, usage timer, fan failure, automatic detection of air quality performance			
Connectivity	RJ45 ethernet cable connection			
Air quality performance sensors	Semiconductor for VOCs	Electro-chemical sensor for Formaldehyde	Semiconduct or Electro-chemical for a wide array of pollutants	Timer Based

Options

Carbon filtration for gases and vapors	For organic vapors	For formaldehyde vapors	For organic vapors and acid vapors	
Particulate filtration for powders				HEPA H14 filtration efficiency: 99.995 % ULPA U16 filtration efficiency: 99.99995 %
Prefilter	Particulate filter			
Postfilter	Particulate filter			

Structure

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