

HALO 32-1C

Laboratory grade air purification station

An effective air purification system for toxic chemical emissions.

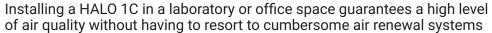
- Recommended for air treatment in spaces such as:
 - -Laboratories
 - -Workshops
 - -Public facilities
 - -Medical premises
- Ceiling mounted for optimal efficiency
- Energy efficient (50W) output
- Validated performance
- Independent and self sustainable, no HVAC required
- SMART remote management with SMART light technology
- Guaranteed ventilation
- Improvement with increased air change rates (ACH)



Compliant with the NF X 15-211 safety standard for laboratories, HALO 32-1C ensures comprehensive molecular filtration of a wide variety of atmospheric pollutants, including VOCs (Volatile Organic Compounds), which can threaten the health of all occupants.

Air Safety and Energy Savings

A single device is sufficient for real-time purification of 2,648 ft. of air, which is the volume of air in a room with 269 ft. of floorspace. It works continuously to entirely replenish the air in a room, delivering a Clean Air Delivery Rate (CADR) of 130 cfm and providing a dilution equivalency to 2.5 Air Exchange Rates per Hour (ACH) all with no added HVAC, or outside air reliance.



or connections to HVAC systems (Heating – Ventilation – Air conditioning) which can redistribute chemical or biological atmospheric pollutants throughout a building. In addition, by constantly filtering the air in the room without releasing it into the atmosphere, installing a HALO 32-1C can result in substantial energy savings.

The Advantages of HALO 32-1C



- 1. Flashing LED lights (Smart technology) for real-time communication and intuitive updates for the user on the device's operational status
- 2. Internal BMS port
- 3. Ethernet port for remote safety monitoring
- 4. Four ceiling suspension rings
- 5. Eight clean air diffusers for uniform circulation of air throughout the room
- 6. A dedicated air quality sensor
- 7. Post-filter for controlling the ventilation regulation through PWM
- 8. Pre-filter for absorption of the largest airborne particles (hair, dust, etc.)
- Modular filtration column exclusive to Erlab, allowing usage of 3 laboratory-grade molecular filters
- 10. Access chamber for easy filter and fan replacement

HALO 32-1C PRODUCT SPECIFICATIONS	
Area covered	269 ft. ²
Air flow rate	7,769 ft.³/hour
Standards compliance	Filtration performance tested under the conditions of the AFNOR NF X 15-211:2009 standard – CE marking
Mode of operation	24/7, Day/Night, Adjustable detection level
Installation	On the ceili g using the 4 included suspension rings
Width	23.3 in.
Length	35.1 in.
Height	10.2 in.
Weight	68 lbs. (includes filter)
Energy consumption	50 W

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