



HALCO PRODUCTS COMPANY

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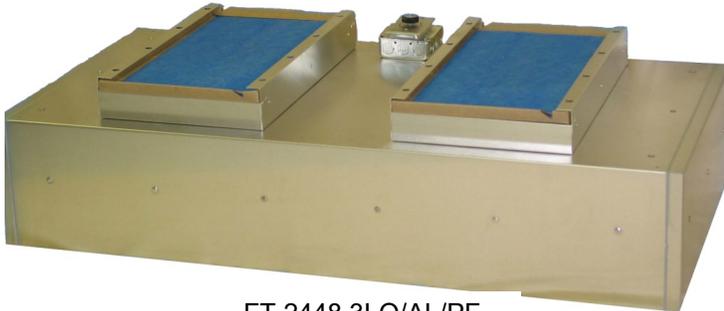
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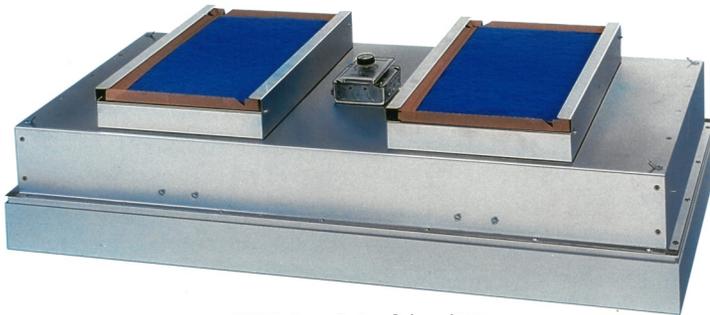
HALCO
PRODUCT
INFORMATION

400.5000

FT2448-LO HEPA BLOWER LOW PROFILE SERIES



FT 2448 3LO/AL/PF



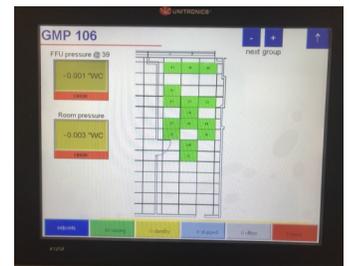
FTE 2448 3LO/AL/PF

FEATURES

- New Low Profile Design for Low Head Room Applications
- Dual Fans for High CFM Requirements
- Standard or Gel Sealed HEPA
- Room Side Replaceable Filter
- Standard HEPA or Optional ULPA
- Discharge Protective Removable Grill
- Electronic Speed Control
- Internal Insulation for Noise Reduction
- Pre-filters or Duct Collar
- Challenge Test Ports
- 120-1-60 (Optional Voltages Available)
- Available with flow-through light troffer
- Dedicated Aerosol Injection Port
- Stainless Construction

Halco Products FT2448-LO fan filter modules are designed to be integrated into standard or cleanroom ceiling systems. The motorized impellers provide a low profile with dual blowers, capable of handling additional static pressure. The filter element is individually scan tested to ensure leak free operation. HEPA filters are available in 95%, 99.99%, & 99.9995% (ISO 15E to 65E) efficiencies and varying filter pack depths. The standard unit is available in nominal 2' x 4' or 2' x 2'. Custom sizes are available. The unit is provided with an integral white powder painted expanded metal face screen as standard. Optional perforated, expanded stainless steel, or perforated anodized aluminum are available. Each unit comes with a variable speed control accessible by either room side or from above, also option of disposable pre filter or duct collar. The unit is sized to deliver 600 cfm to twice the initial static pressure of the clean HEPA filter. The FT2448-LO is also available with a room side replaceable filter element that uses an upstream gel seal to ensure a positive seal.

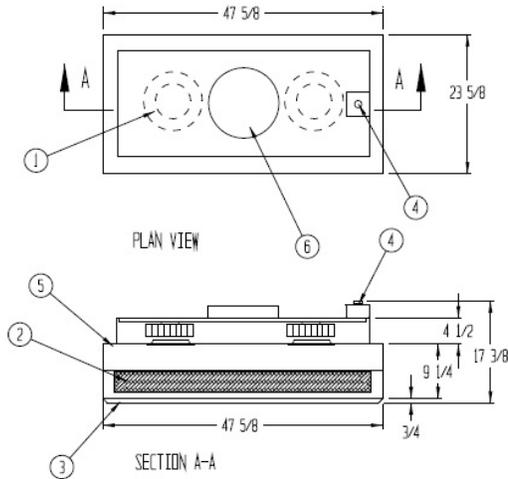
The Halco HEPA filter blower module provides energy efficient powered clean room level air filtration. Optional ECM motors provide higher levels of efficiency and the capability of integrating into a centralized control panel operational and monitoring system.



SPECIFICATIONS



FT 2448LO/AL



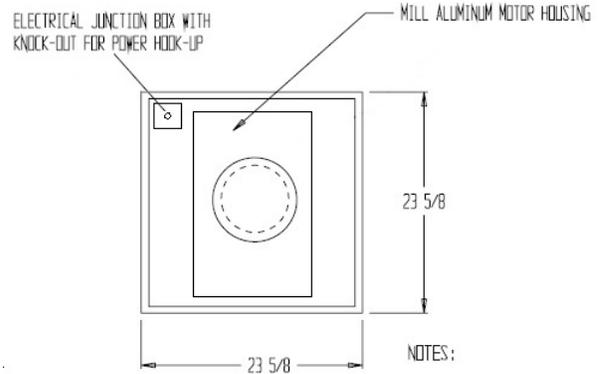
LEGEND:

- ① 2 EA. BACKWARD CURVED IMPELLER, 115V, 60 HZ, 100W
- ② 1 EA. 19 3/4 X 43 3/4 X 3 1/2" THK. HEPA FILTER, 99.99% EFFICIENT ON PARTICLE OF 0.3 MICRON SIZE
- ③ 40% OPEN ANODIZED ALUMINUM PERFORATED GRILL
- ④ ELECTRICAL JUNCTION BOX WITH ELECTRONIC SPEED CONTROL
- ⑤ SOUND ABSORBING INSULATION
- ⑥ 12" DUCT CONNECTION

NOTES:

- UNIT TO BE CONSTRUCTED OF 16 GA. AND 14 GA. ANODIZED ALUMINUM
- ELECTRICAL WIRING TO CONFORM TO NEC STANDARDS
- UNIT TO MEET ISO STANDARD 14644-1
- TOTAL CLEAN AIR CAPACITY, 600 CFM
- ALL HEPA FILTERS TO BE PSL TESTED
- CUSTOMER TO SUPPLY 115 VOLT, 1 PHASE, 60 CYCLE

FT 2424LO/AL



NOTES:

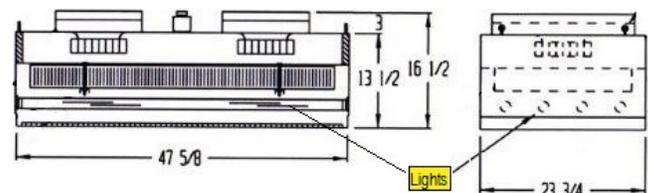
- 120 VOLT/60 CYCLE/.85 FLA
- RATING 360 CFM
- SOUND LEVEL 59 DBA @ 90 FPM
- 19 3/4 X 19 3/4 X 3 1/2" HEPA-FILTER 99.99% EFFECTIVE ON PARTICLES OF 0.3 MICRONS OR LARGER, TO INCLUDE:
 - 3 1/2" ANODIZED ALUMINUM FRAME
 - 2 3/4" THK. MEDIA PACK
 - 1 EA. ODP TEST PORT
 - NEOPRENE GASKET SEAL

SPECIFICATION

HEPA blower to be Halco™ Model FT2448LO packaged fan powered ceiling HEPA filter **LOW PROFILE** blower module. HEPA to be 2 3/4" media pack, 99.99% eff. On 0.3. Micron, room side replaceable, neoprene gasket seal (optional gel seal). Housing to be 14 ga. Mill finish aluminum (optional insulated), internally foam lined for sound reduction with 12" duct collar or optional pre-filters. Blowers to be backward inclined direct drive variable speed design with electronic speed control. Unit to be capable of providing 100FPM of air at 6" from filter face. Challenge test ports and anodized aluminum protective grill, 40% open, room side accessible Voltage to be 120-1-60 with optional 220 or 277 volts.

| Model # | Size | RSR |
|--------------|-----------------------------------|-----|
| FT 2448LO/AL | 24" x 48"x 12.5" | YES |
| FT 2424LO/AL | 24" x 24"x 12.5" | YES |
| FTE2448LO/AL | 24" x 48" | NO |
| FTE2424LO/AL | 24" x 24" | NO |
| CA-24 | Plaster Ceiling Adapter 24"x 48" | N/A |
| CA-22 | Plaster Ceiling Adapter 24" x 24" | N/A |

FT 2448-3LO/AL/LTS



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