

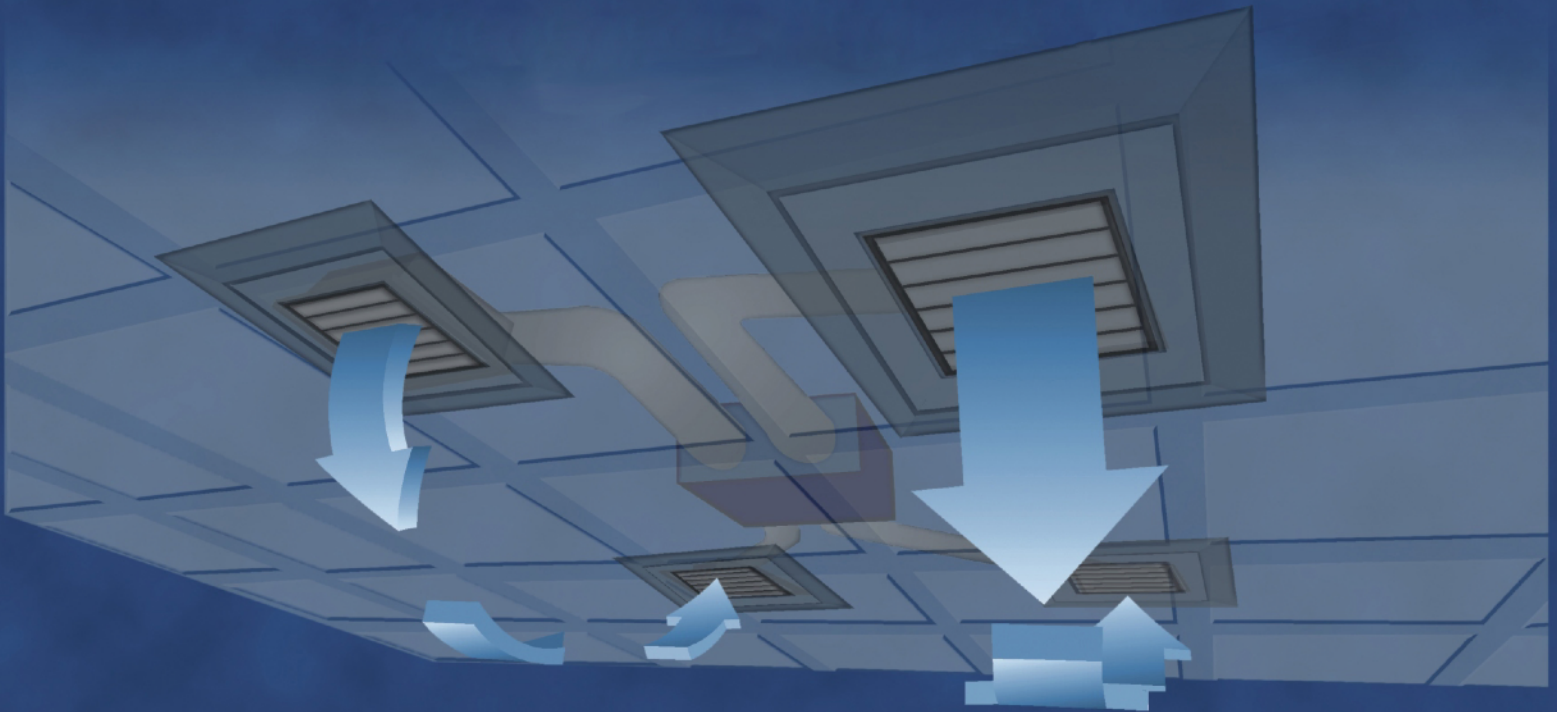
LP SERIES

HIGH EFFICIENCY AIR CLEANERS

Controlled Air Design

919 607 6765

www.controlledairdesign.com

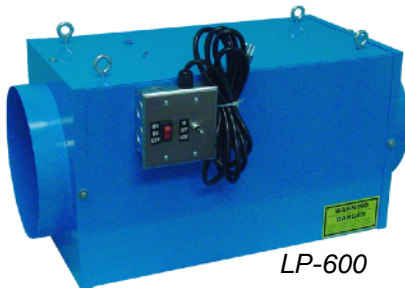


*Designed to eliminate
smoke,
pollen,
mold spores,
dust
and odors.*





LP-1000



LP-600

The LP SERIES of High Efficiency Air Cleaners are designed to eliminate smoke, pollen, mold spores, dust and odors. The LP Series is offered in two different size models – the LP-1000, which features 1200 CFM, and the LP-600, which features 600 CFM.

HOW THE LP SERIES WORKS

Contaminated air is drawn through the prefilters and the mini-pleat filters where the airborne particles are removed. The air then passes through the optional UV Germicidal light section where airborne microbials are sterilized. Then the optional ozone bleaches the gaseous contaminants out. The clean air then passes through the final carbon filter where residual ozone is removed and the clean air is supplied back to the room.

FEATURES & BENEFITS

Low Maintenance

Disposable filters are long lasting and easily removed through the hinged grilles. Room side access makes the filter change fast and easy.

Inconspicuous

The attractive grilles fit flush with the ceiling. The blower module is hidden above the ceiling.

Quiet

The LP Series are whisper quiet even on the maximum speed setting.

Easy Installation

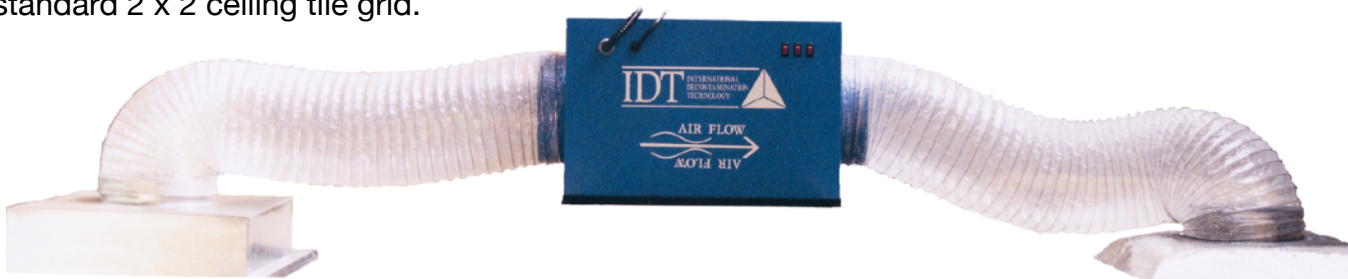
Special mounting brackets with eyebolts are factory installed on the blower module. The return and supply grilles are designed to lay in a standard 2 x 2 ceiling tile grid.



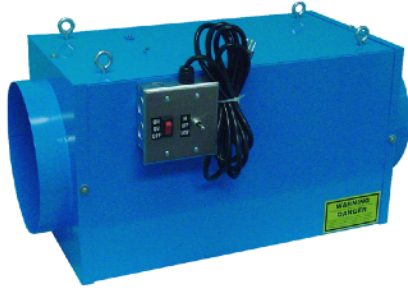
LP Series Supply Grille with Gas Phase Filter



LP Series Return Grille with Particulate Filters



PRODUCT SPECIFICATIONS



LP-600 SPECIFICATIONS:

Air Flow: 600 CFM High
400 CFM Low

Electrical Rating: 120 Volt, 60 HZ, 5 Amp

Dimensions of Blower Module:
13"H x 12.5"W x 23"L

Weight: Blower Module Install Weight 55 Lbs.

Shipping Weight: 100 Lbs.

Filtration:
1st Stage 20"x20" Tri-Dek #7 Media Pad
2nd Stage 20"x20" Tri-Cell IV 95%
3rd Stage 20"x20" Tri-Sorb XL Carbon

Optional Ozone system for additional odor removal: This system is installed after particle filtration and before the final carbon filtration. This offers maximum odor removal and the final carbon filter will capture residual ozone before returning the air to the room.

Motor: Maintenance Free PSC ¼ HP 120 Volt
Maintenance Free PSC ½ HP 208-230 Volt
Blower: Forward curve direct drive



LP-1000 SPECIFICATIONS:

Air Flow: 1200 CFM High
800 CFM Low

Electrical Rating: 120 Volt, 60 HZ, 10 Amp
208-230 Volt, 60 HZ, 6 Amp

Dimensions of Blower Module:
16"H x 26"W x 24"L

Weight: Blower Module Install Weight 72 Lbs.

Shipping Weight: 150 Lbs.

Filtration:
1st Stage (Two) 20"x20" Tri-Dek #7 Media Pads
2nd Stage (Two) 20"x20" Tri-Cell IV 95%
3rd Stage (Two) 20"x20" Tri-Sorb XL Carbon

Optional Ozone system for additional odor removal: This system is installed after particle filtration and before the final carbon filtration. This offers maximum odor removal and the final carbon filter will capture residual ozone before returning the air to the room.

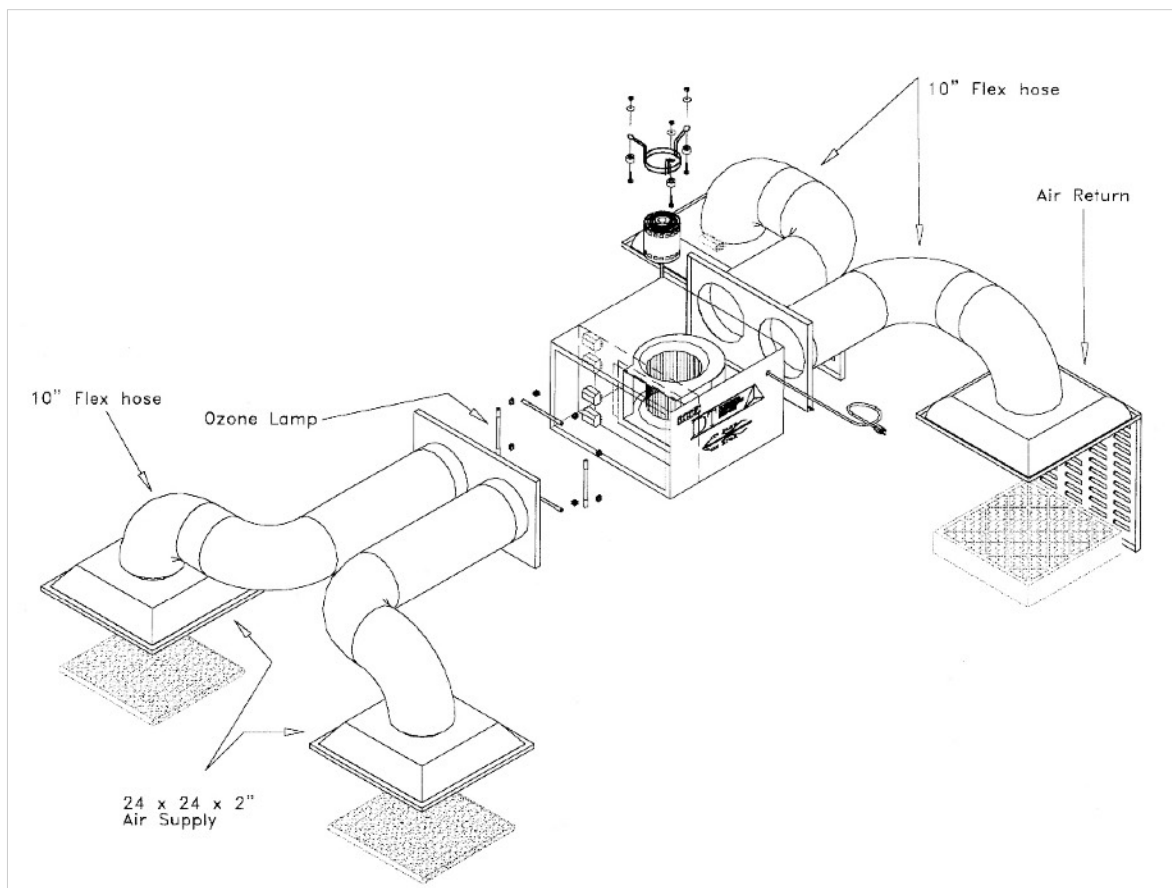
Motor: Maintenance Free PSC ¾ HP 120 Volt
Maintenance Free PSC 1 HP 208-230 Volt
Blower: Forward curve direct drive

APPLICATIONS

- ▲ MEETING ROOMS
- ▲ BANQUET HALLS
- ▲ RESTAURANTS
- ▲ CASINOS
- ▲ SMOKING LOUNGES
- ▲ BINGO HALLS
- ▲ LITHOGRAPHY
- ▲ CHECK PROCESSING CENTERS
- ▲ COMPUTER ROOMS

OPTIONAL

- ▲ OZONE SYSTEM
- ▲ UV GERMICIDAL LIGHTS
- ▲ FLEX DUCT
- ▲ REMOTE WIRED CONTROL
- ▲ FILTER EFFICIENCIES -
65% ASHRAE (MERV 11) UP TO
HEPA (99.97% @ 0.3 MICRON)
- ▲ 208-230 VAC 1 PHASE



Drawing of LP-1000
(LP-600 not shown includes one return and one supply filter grille)

Local Representation:

BROCHURE #2100-10
Revision: 05/2018



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