

RESIDENTIAL APPLICATIONS

# Bypass HEPA/ Bypass HEPA Plus

Air cleaners with advanced filtration and purification features.



Meets UL 2998 no ozone standards.



## A Multi-Stage Solution for Improved Indoor Air Quality.

The Dust Free<sup>®</sup> Bypass HEPA and Bypass HEPA Plus offer residential HEPA-grade filtration without added air resistance. The self-ventilated cabinet is prefabricated to quickly mount either directly to a return plenum, or through a remote collar configuration.

### HEPA Efficiency.

HEPA filters capture 99.97% of airborne particles as small as 0.3 microns.

### Multi-Stage Filtration.

Carbon, Merv 8, and HEPA. Also, germicidal UV-C and PCO filtration on Bypass HEPA Plus models.

### Ozone Free.

Meets and surpasses UL 2998 no ozone standards.

### Zero Added Static Pressure.

Adds no extra strain on the HVAC system.

### Fully Insulated.

360° thermal insulation to maximize efficiency.

### Installation.

Simplified installation with no added duct installs.

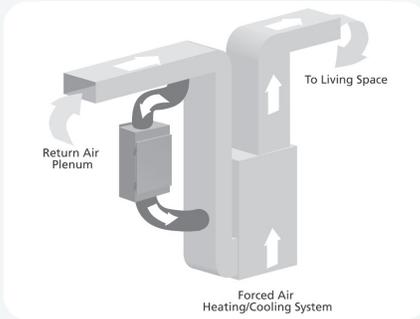
### Mounting Options.

Remote collar or return duct mounting supports.

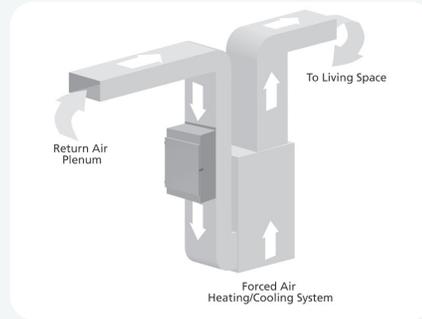
### Safety.

Door safety interlock prevents unit operation when door is open.

## INSTALLATION



Collar mount installation.



Return air direct plenum installation.

## SPECIFICATIONS

Model	Bypass HEPA DFHFA / #19850	Bypass HEPA Plus DFHFAUV / #19851
<b>Size and Weight</b>	<b>Unit</b> 17" L x 13" W x 23.9" H (432mm x 330mm x 607mm)	<b>Unit</b> 17" L x 13" W x 29" H (432mm x 330mm x 737mm)
	<b>Weight</b> 33 lbs.	<b>Weight</b> 36 lbs.
<b>Electrical</b>	120VAC, 60Hz, 1.6A.	120VAC, 60Hz, 1.9A.
<b>Mounts</b>	<b>Round Collar:</b> 8" (203mm) <b>Direct Plenum:</b> 16" x 4" (406mm x 102mm)	
<b>Air Speed</b>	400 CFM (680m <sup>3</sup> /hr)	
<b>HEPA Filter</b>	12" x 16" x 2.5" HEPA (305mm x 406mm x 64mm)	
<b>Pre/Carbon Filter</b>	12" x 16" x 2" MERV 8 (305mm x 406mm x 51mm)	
<b>PCO Filter</b> Bypass HEPA Plus Only	15" x 5.325" x 0.625" (381mm x 135mm x 16mm)	
<b>UVGI</b> Bypass HEPA Plus Only	Dual-tube UV-C Lamp	
<b>Listings</b>	Safety Listed to UL 705 and CSA C22.2 #13. Bypass HEPA Plus is UL 2998 zero-ozone validated.	

### EPA Establishment No. 73316-TX-1

Dust Free® uses independent labs and universities for product testing.  
Visit <http://www.dustfree.com/testing>.

The product and technologies described are not medical devices, and are not intended to diagnose, treat, cure, or prevent any disease or illness.

1. All third-party laboratory testing paid for by Dust Free®.

## IMAGES



Internal view Bypass HEPA with MERV 8, Carbon, and HEPA filtration



Internal view Bypass HEPA Plus with MERV 8, Carbon, and HEPA filtration. Plus, PCO filtration and germicidal UV-C.



Learn more at

<https://dustfree.com/product/bypass-hepa>