

Applications

You will find the F120 deployed in tough commercial and light industrial spaces where particle counts are typically high and odors are a part of doing business.

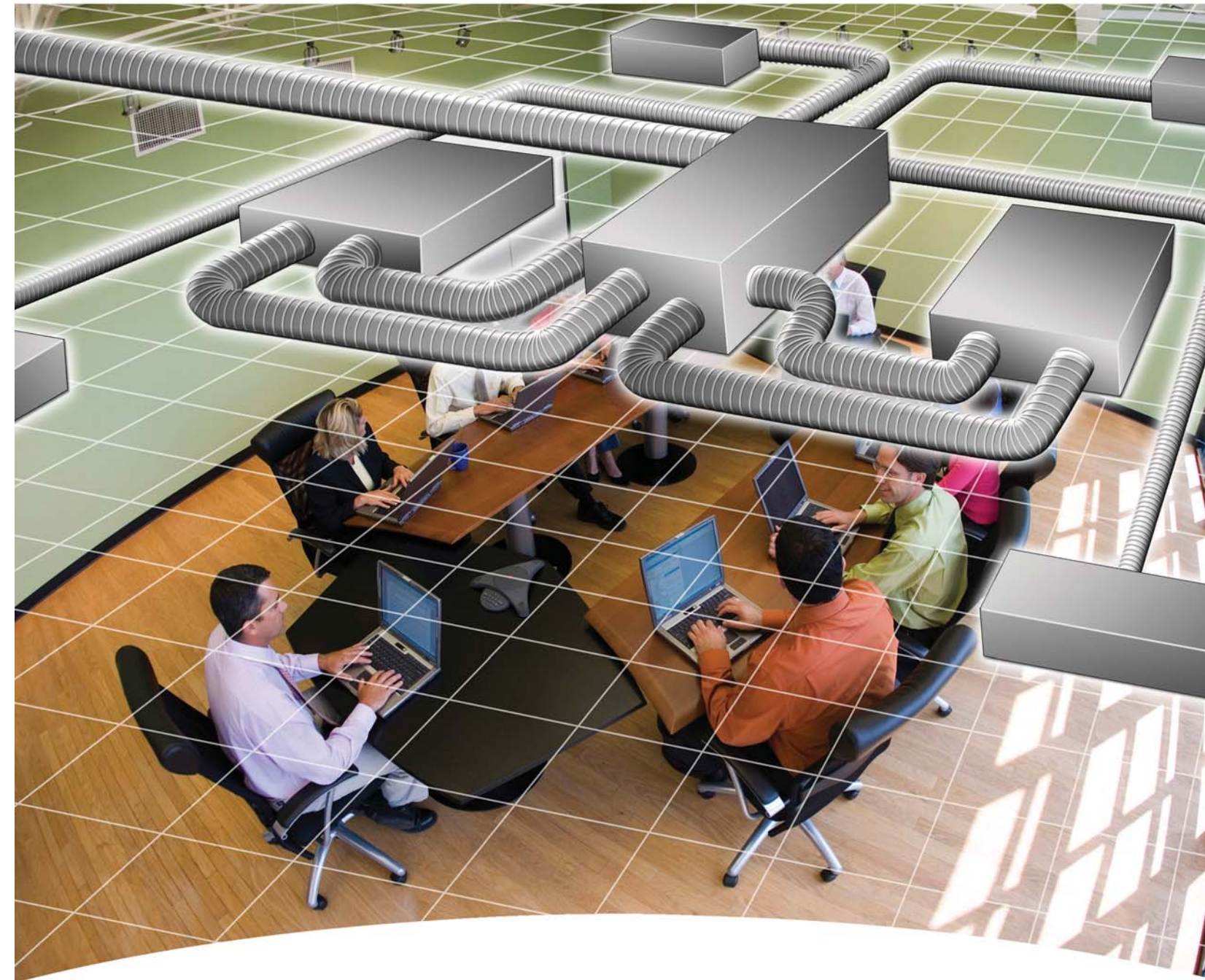
- Offices
- Hospitals
- Medical Clinics
- Childcare Centers
- Schools, Copy Centers
- Laboratories
- Cafeterias
- Restrooms
- Spas and Salons
- Gyms and Locker Rooms
- Hospitality businesses
- Bowling Centers
- Libraries
- Veterinary Clinics and kennels
- Fraternal Clubs
- Restaurants
- Taverns
- and many more...

F120 Specifications

Unit	Electrical Rating	Airflow (CFM)	Filter
F120A1023	120V, 60 Hz 7 AMPS HIGH 5.5 AMPS LOW	900 1050 (WITH OPTIONAL 5TH SUPPLY)	(2) 95% AT 0.3 MICRON HOSPITAL GRADE MEDIA FILTER (2) CPZ™ SORBENT MEDIA MODULES (24LBS. TOTAL) AND (2) PREFILTERS
F120A1031			(2) 99.97% HIGH EFFICIENCY HEPA FILTERS AND (2) PREFILTERS

F120 Series Ducted Air Cleaner

Honeywell



Honeywell Commercial Air Products
Quiet, High Performance Air Cleaning

Air-Pure Systems

16873 Fish Point Rd SE
 Prior Lake, Minnesota 55372-1714
 Telephone: (800) 998-1919
 Fax: (800) 221-3248
 Internet: www.cleanairfacility.com

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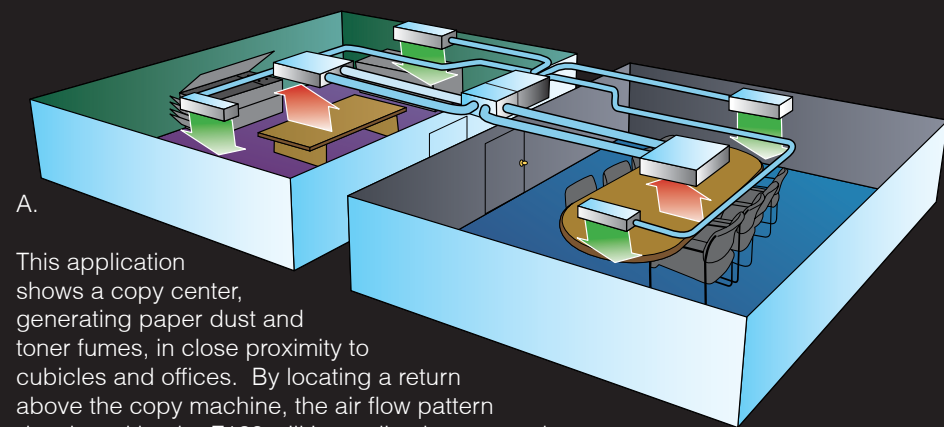
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Honeywell

Completely recessed in the ceiling, the F120 Series Air Cleaner delivers powerful, ultra-quiet, behind-the-scenes air cleaning.

- Incorporating 5 patents, this state of the art air cleaner works for commercial and light industrial air quality problems, delivering clean, fresh air with trouble-free performance.
- The F120 Room Air Cleaning System with Hepa and CPZ™ technology is designed to collect particles by circulating room air through a media filter. When equipped with an optional CPZ™ module, the system also adsorbs gaseous contaminants and odors.

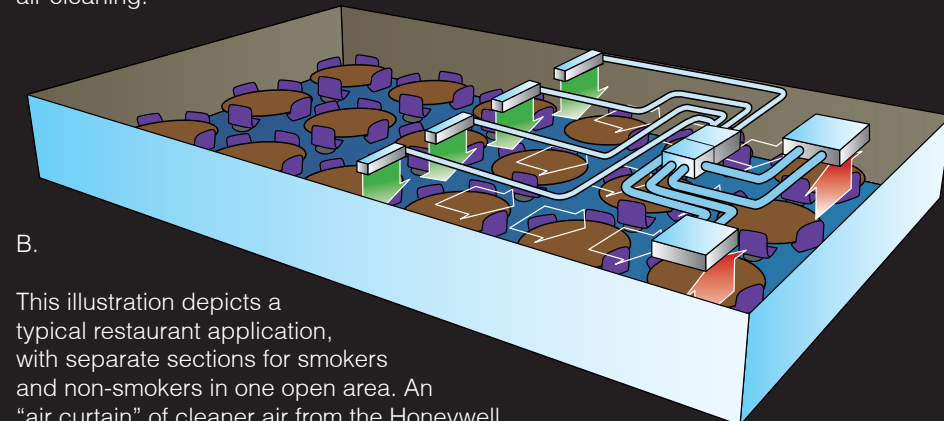
- Even with its Ultra-Quiet operation, the F120 still delivers up to 900 CFM! With the optional 5th supply, the air delivery increases to 1050 CFM.
- Choose the particulate and odor-adsorbing filters to meet your needs. At 99.97% efficiency, HEPA filters provide a high level of particle filtration suitable for Health and Critical Environment Applications
- Or select 95% efficient hospital-grade filters along with CPZ™ modules to help capture most particles, plus gases, odors and VOCs.



A.

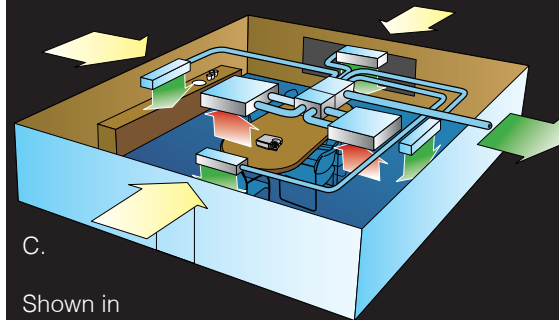
This application shows a copy center, generating paper dust and toner fumes, in close proximity to cubicles and offices. By locating a return above the copy machine, the air flow pattern developed by the F120 will immediately capture the pollutants in the return filter system module, and deliver clean air back to the supplies to repeat the process.

As shown in this example, the blower module can be mounted remotely from the rooms, such as in the hallway of a building to clean both rooms at the same time, while maintaining the ultra-quiet operation for sound sensitive areas for quieter, more powerful air cleaning.



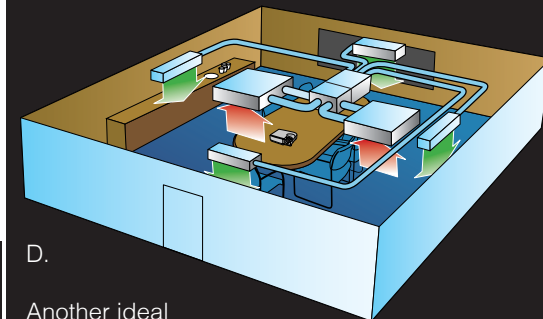
B.

This illustration depicts a typical restaurant application, with separate sections for smokers and non-smokers in one open area. An "air curtain" of cleaner air from the Honeywell air cleaning system effectively separates non-smokers from smokers. The intake is at the end of the smoking section, which draws the smoke away from the non-smoking section and prevents migration of smoke back into the non-smoking section.



C.

Shown in this example is a typical conference room in an office building. The green arrow depicts the F120 Exhaust feature that provides a negative pressure in this space.



D.

Another ideal application for the F120 is a conference room. The Hospital Grade media filter and optional CPZ™ module adsorbs the gaseous contaminants and odors from this space, circulating room air quietly and efficiently.

Particles aren't always the problem

Anywhere gases, odors, and volatile organic compounds (VOCs) are a part of doing business – you'll want an air cleaner that includes CPZ™ sorbent media. Depending on your particular application, we can adjust the CPZ™ formula to solve your specific need. Honeywell CPZ™ sorbent media is specifically formulated for maximum efficiency at reducing a broad range of gases-odors-VOCs.

- The optional exhaust feature shown in illustration C allows installations to maintain the space at a negative pressure with respect to surrounding areas to prevent contaminants and odors from moving into nearby areas.
- The unit is hidden in the ducting space covered by either two-by-four or two-by-two ceiling panels, so employees and customers will never know it is there.

Unique Air Flow

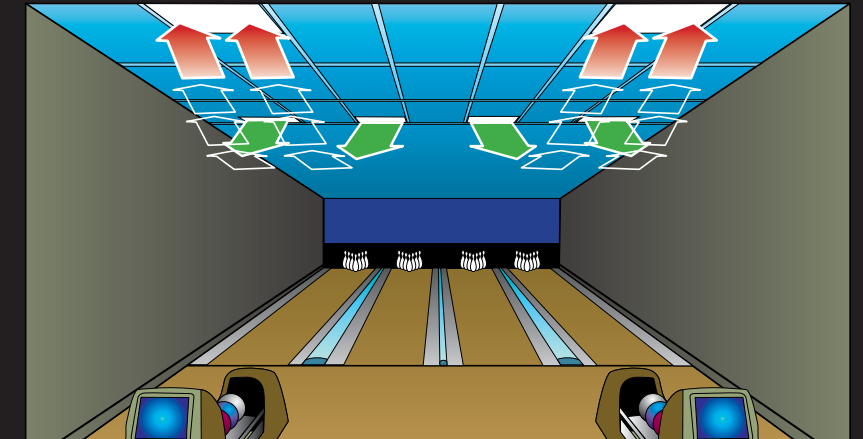
- The unique airflow design of the F120 allows dirty air to be pulled up into the filters from the center of the room and distributes the filtered, cleaner air out from vents located at each corner. This forces the remaining air in the room back to the center, where the process is repeated.

Easy to Service

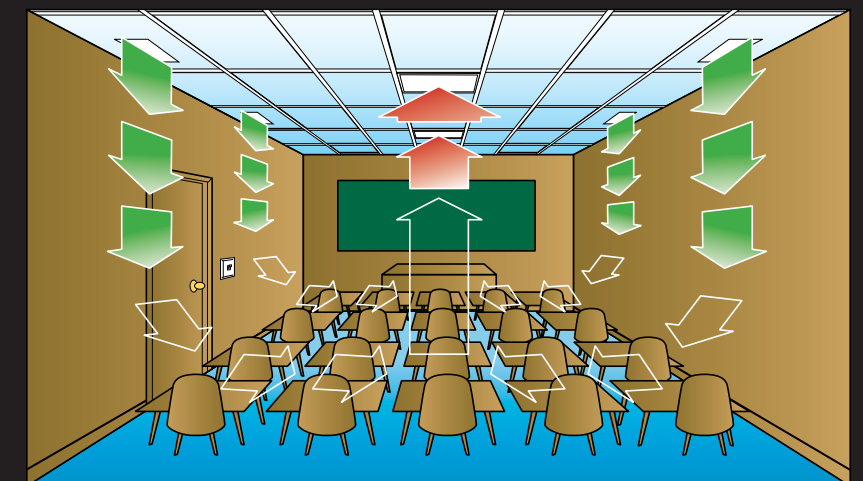
- Just flip down the hinged intake grilles to replace the prefilter, main filter, or CPZ™ module. The grilles can be located anywhere in the room for maximum convenience.
- A major feature of the F120 is the ceiling level access for all filter service. This patented design allows for the blower housing and all ducting to stay factory fresh and clean, because pollutants are removed at the ceiling level module.



The F120 unit is designed for hospital applications as well. The modular design of the air supplies and returns allow maximum flexibility when planning the appropriate air recirculation pattern to maximize the overall system performance. The filtered air exits the unit at ceiling height, producing a coanda air flow pattern that helps push filtered air efficiently past the breathing zone and back to the Hepa-Flow CPZ™ return module.



In this bowling center, the F120 sweeps the gases, odors, and VOCs from the air up and into the intake vents. This is one example of using optional one way louvers. The air sweeps across the space, eliminating smoke and odors from the air.



The F120 is perfectly suited for school classrooms. The quiet operation allows this unit to be used in sound-sensitive areas where other air cleaning systems may be too noisy. The air supply and return design of the F120 allows air contaminants to be collected at the center of the room, without heavy air turbulence. The F120 on low speed meets ASHRAE f35 noise criteria, reducing stress produced by typical high noise Hepa units.



Ask for more information about our Clean Air Facility Program.

