

PFU-Mini

PFU-Mobile



The Packaged Filter Units (PFU) provide air purification for multiple applications in industrial and commercial facilities. The PFU-Mini and PFU-Mobile are vertical, self-contained units that plug into standard electrical outlets. Their compact design are the right fit for areas with tight space restrictions.

Each unit cleans and recirculates the air in any environment. As the air passes through PureAir's gas adsorbent media, harmful corrosive and/or odorous gases are captured and permanently bound and filtered to create a cleaner environment. Polluted air is pulled in from the bottom of the unit and purified air is sent out through the top, where it is used to cool servers and the local environment without harming electrical components.

While these units have a sturdy construction of powdered coated mild steel, they are light weight and mounted on casters creating a portable and highly effective air-quality solution.

PureAir's equipment can remove more than 99% of gases that could harm electronic equipment resulting in costly repairs, downtime, and possible data loss.



MODEL	MEDIA CAPACITY	ELECTRICAL REQUIREMENTS	MOTOR SIZE HP (KW)	MAX AIRFLOW CMH (CFM)	ROOM SIZING BY MODEL AND AIR QUALITY LEVEL*		
					G2	G3	GX
PFU-Mini (Mobile, Plug In, On Casters, Refillable Cartridges)	.06m ³ (2 ft ³)	120 V/230 V 50/60 Hz	0.5 (0.3)	850 (500)	600 m ³ (20,000 ft ³)	300 m ³ (10,000 ft ³)	150 m ³ (5,000 ft ³)
PFU-Mobile (Mobile, Plug In, On Casters, Refillable Trays)	.11 m ³ (4 ft ³)	120 V/230 V 50/60 Hz	1 (0.7)	1,700 (1,000)	1,200 m ³ (40,000 ft ³)	600 m ³ (20,000 ft ³)	300 m ³ (10,000 ft ³)

*Based upon ISA S71.4 or ASHRAE TC9.9 recommendations that state the need to maintain G1 air quality to protect valuable electronics

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BENEFITS	FEATURES
Powerful and Compact	<ul style="list-style-type: none"> Vertical, stand-alone airflow system Minimal noise 850 - 1,700 CMH (500 - 1,000 CFM)
Highest Filtration Efficiency	<ul style="list-style-type: none"> Positive seal to prevent air bypass and ensure removal of unwanted gas molecules Low EMF brushless AC blower motor Integral particulate filters Variable control of airflow
Quick Access, Low Maintenance	<ul style="list-style-type: none"> Front door opens giving access to internal elements for easy media changeout and maintenance Low energy consumption Optional differential pressure gauges to indicate filter changes
Multiple Applications	<ul style="list-style-type: none"> Protect critical electronics and IT equipment Prevent data loss Improve air quality Commercial and industrial odor control



The PFU-Mini offers a standard configuration:

Protecting Critical Electronics
MERV 8 (G4) Particulate 2" Prefilter
0.05 m ³ (2 ft ³) of PureAir chemisorbant media in refillable cartridges
MERV 14 (F8) Particulate 2" Final Filter

The PFU-Mobile offers a standard configuration:

Protecting Critical Electronics
MERV 8 (G4) Particulate 2" Prefilter
.11 m ³ (4 ft ³) of PureAir chemisorbant media filled in 4" refillable trays
MERV 14 (F8) Particulate 4" Final Filter

Notable Customers:

- Baltimore WWTP
- Capex Pine Bluff
- Des Moines WRF
- Domtar Paper Company
- EMBA Corp Limited
- Graphics Packaging
- IP Pine Hill
- Meezan Bank
- NESOP Technologies
- Red Dog Mine
- Sinclair Refinery

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