

# IDF-2™

Ceiling Mounted Ion Distribution Fan with NPBI™

## PRODUCT DESCRIPTION

The IDF-2 is a low profile, quiet operation ceiling tile fan with GPS Air's NPBI™ soft ionization technology directly integrated. The unit is designed to be fitted into commercial drop/suspended ceilings using a standard 24" x 24" tile footprint and utilizes a high efficiency brushless fan motor. The revolving diffuser ensures an even introduction of ions. The IDF-2 is easy to install and ideally suited to spaces such as conference rooms, classrooms and open plan offices.



## STANDARD FEATURES

120-240 VAC voltage input, integrated self-cleaning GPS Air ionizer with carbon fiber ionizer brush emitters\*, 3 fan speeds, DC brushless fan motor, 360 degree rotating diffuser and user remote control.

*\*Life cycle testing shows no mechanical degradation of the carbon fiber brushes due to repeated cleaning cycles*

## SPECIFICATIONS

Input Voltage (Standard)	120-240 VAC	Temperature Range	32°F to 104°F
Power Consumption	12W (standard operation), 15W (cleaning cycle)	Humidity Range	20-90% RH (non-condensing)
Frequency	50/60HZ	Airflow Capacity	225 CFM (default med setting)
Ionizer Total Ion Output	>160M ions/cc	Unit Dimensions	23.75" L x 23.75" W x 7.1" H (3.2" H below ceiling)
Average Ion Density in coverage area	>20,000 ions/cc** (combined +/- ions)	Weight	11.5 lbs
Coverage Area (Installed on 9ft ceiling)	1,500 ft <sup>2</sup>	Electric Approvals	UL, cUL
Sound Level in dB(A) (L/M/H)	34 / 37 / 38 dB(A)***	Compliance & Certifications	UL867, UL2998, CARB
Noise Criterion Level (L/M/H)	NC-34		

\*\* As tested by GPS Air in simulated office environment. Actual ion densities may vary with conditions.

\*\*\* Measured at 2m.



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