

# IDF-2 FAQ

## General

### What does IDF mean?

IDF-2 is the product name. IDF is not an acronym or abbreviation for a specific term.

### What is the standard warranty on the IDF-2?

The IDF-2 is warranted by GPS to be free from defects in workmanship or materials for a period of one year from the date of shipment to the original customer. The standard 1-year limited warranty may be extended to 3 years for no additional cost by completing the product registration. Go to <https://gpsair.com/product-registration>.

### Is the IDF-2 fitted to HVAC systems like other GPS Air products?

The IDF-2 works independently from any HVAC system that is installed. It is designed to evenly distribute NPBI generated ions rather than assist in the delivery of conditioned air.

## Installation

### How long does it take to install the IDF-2?

Typically, if power is readily available in proximity to the IDF-2, installation should take less than thirty (30) minutes.

### What if I don't have a drop ceiling?

While the IDF-2 is designed primarily for installation in drop ceilings, it can be installed on hard ceiling using the optional IDF-CM hard ceiling mount.

### If I have more than one IDF-2, how should they be installed in relation to each other?

The design open area coverage of 1,500 sqft is generally circular with an approximate radius of 22'. For typical installations looking to maintain average ion density levels, two IDF-2's should be spaced 40-45' apart.

### What input voltage can the IDF-2 accept?

By default, the IDF-2 can accept 110-240 VAC.

### I would like to use a 277V lighting circuit to power the IDF-2, can this be done?

The IDF-2 can be tied into a 277 VAC power circuit using the optional LS-277V transformer available from GPS Air.

### Do I need a transformer for each IDF-2?

The LS-277V transformer has the capacity to supply up to four (4) IDF-2 fans dependent on proximity and appropriate wiring.

### Can I install the IDF-2 if the space above my drop ceiling is used a HVAC plenum?

When installed in accordance with GPS Air's guidance, the IDF-2 is suitable for use in a plenum space.

### Are there any considerations for installation near HVAC components?

For optimal ion distribution, the IDF-2 should not be installed directly adjacent to HVAC registers such as four way diffusers and linear slot diffusers.

## Control of the IDF-2

### How many fan speed settings are there for the IDF-2?

The IDF-2 comes with 3 fan speed settings. The default setting on initial power up is 'Medium'.

### How do I control the IDF-2?

The IDF-2 ships with a remote control that includes the following settings: On, Off, Low Speed (one dot), Medium Speed (two dots), High Speed (three dots).

### What if I lose my remote control?

Remote controls are available for purchase from GPS Air as spare parts. Additionally, if you have more than one fan installed, each remote can control all fans installed.

### I have more than one IDF-2 installed, will the remote from one interfere with another unintentionally?

While each remote can control multiple IDF-2's, the range of the remote and the receiver in the IDF-2 means that it is unlikely you will inadvertently control the wrong unit if you are in the vicinity of the unit you wish to control.

### Does the IDF-2 always start on 'Medium' speed when I turn it on?

After the very first power up, as long as you use the remote to turn the IDF-2 off, it will remember it's speed setting when you turn it on again with the remote.

### What if power is lost, or I use an isolation switch to turn off the IDF-2?

If there is a power supply loss, or if you use an isolation switch to control the IDF-2, when power is restored, it will start up automatically and resume operation with the default 'Medium' speed.

## Safety

### Is your product UL certified?

The IDF-2 complies with UL 867 for electrical safety and also UL 2998 to ensure no harmful levels of ozone are produced.

## Misc.

### Are spare parts available?

Spare parts are available for purchase for the IDF-2, including the remote control. Please reach out to GPS Air with specific queries.