



## FPP Filtered Fan Systems

Ice Qube FPP filtered fan systems have been designed to cool electronic equipment housed within an enclosure where ambient conditions are not extremely harsh, humidity is not a major concern and the electronics can operate at temperatures slightly above ambient temperatures.

The **IQ100FPP**, **IQ200FPP**, **IQ300FPP**, **IQ400FPP**, **IQ500FPP** and **IQ800FPP** filtered fan systems are shipped complete with intake and exhaust mounting plates, louvered grille covers, intake and exhaust filters, gasket, electrical terminal block connector and mounting hardware.

### Installation and Operation:

**\*\*\*\*Please read complete instructions thoroughly before beginning installation\*\*\*\***

Ice Qube filtered fan systems are shipped to you complete with filter and gasket. Installation is quick and easy. The system simply snaps in place for most applications. Mounting hardware may be required.

1. Prepare the enclosure by cutting a rectangle for installation of the fan package to the enclosure. (Refer to specification drawing.) Typically, the openings for both the intake (fan) and exhaust grills are the same. For best performance, it is recommended to install the intake near the bottom of the enclosure and the exhaust near the top of the enclosure on opposite sides.
2. Attach the intake and exhaust mounting plates, gasket side toward enclosure, by inserting into the rectangle and pressing firmly until the locking tabs snap into place. Be sure that the louvers are in the proper position so that any liquids are directed away from the enclosure.
3. Connect wire of the proper gauge from the provided terminal block to a fused or protected power source of proper voltage and current inside of the enclosure. If a power source is not available inside the enclosure, you will have to provide access for electrical power to the fan system.
4. The fan should begin operation immediately after applying electrical power. *Listen for any unusual noise or vibration.*
5. It is recommended the filters be replaced regularly to assure peak performance. Frequency will be dependant upon ambient conditions.