



AC VSD “Air-On-Demand” System Auto Fan Speed Controller

Spec Data Sheet

Our Air-On-Demand systems are pre-programmed to ensure that your fans only run at the necessary speed which reduces unwanted noise and unnecessary power consumption.

- At an engine room temperature of ~35oC (set point), the fans will run at any speed (low to high limit) to maintain set point. If below set point, the fans will run at idle.
- When engine room temperature exceeds 35oC, the VSD utilises PI closed-loop feedback control principles to increase the fan speeds until the engine room temperature returns back to set point.

Sensors should be mounted in the air-out stream to provide a true indication of operating engine room temperature. The switch control panel can be engine room mounted or remotely situated if required.

In manual mode the fan is controlled via potentiometer mounted on the switch panel, and in auto mode the fan is controlled via a temperature sensor mounted in the engine room. The auto mode is fully programmable and can be adjusted as required.

Our Air-On-Demand systems are fully bench tested and pre-programmed ready for installation. They come complete with a control switch panel which includes a fault light & also include a full wiring diagram to aid in installation.

We supply our Air-On-Demand with a 3 year replacement warranty.

NB: All export projects are quoted in USD

MAFI Part Code	Power	KW	Wght	Cost
FAN-VSDAC240V-2.2KW	240V multi-voltage	2.2kw	4.5KG	\$3480.00
FAN-VSDAC3PHS-2.2KW	3 Phase multi-voltage	2.2kw	7.5KG	\$3480.00

