



Features

- Three fan assemblies
- Rapid service
- Space saving, light weight

Amplifier Fan Unit

Description

The BARTEC VODEC VA300/FAN is an industrial cooling unit designed to provide efficient airflow through a VA300/CAGE (and associated VA300+ amplifiers) to enhance equipment reliability in elevated ambient temperatures.

The unit comprises of a low profile space saving 1 unit high 19 inch rack mount enclosure, arranged to allow usage in minimal depth shallow cabinets.

VA300/FAN carries three brush-less UL and CSA certified high performance fan blower assemblies, each arranged to operate independently to enhance security and obviate common mode failure.

The complete fan sub-system is automatically supervised under host management control by periodic activation for several rotations during which time sensing electronics determines fan unit status.

The VA300/FAN is configured for plug in/out connectivity to facilitate rapid service and minimise down time in event of maintenance.

Use of military specified bearings ensure trouble free extended life time and initiation only for emergency life broadcasts situations. Service life to beyond 36000 hours operational usage, easily meeting the requirements for the life span of the host equipment.

Technical Data

Mains supply

DC 48 V, unregulated supply

Voltage tolerance

DC 36 V to 56 V

Supply current

259 mA

Power consumption

12 W

Enclosure

Extruded alloy anodised

Dimensions

483 mm wide (19" rack mount)

44.5 mm high (1 unit)

160 mm deep

Weight

1.56 kg

Temperature range

-20 °C to +50 °C

Humidity

80 % non condensing

Levels

Background level 45 dBA

Operating level 57 dBA

Fan noise level 12 dBA

Noise

> 12 dBA@1 meter from fans