VMICPCI-0300
CompactPCI Chassis with Hot Pluggable Blowers

- 9U H x 84 HP W x 297 mm D
- High velocity front to rear cooling (240 CFM)
- Front load removable, hot swap RiCool blower assembly
- All aluminum construction to (IEEE 1101) specification
- Rear entry transition module insertion (80 mm)
- Utilizes extended lip extrusions for type IV and type VII injector/extractor handles, CompactPCI® compliant
- AC line filter and cable harness
- Power supply voltage monitor LEDs
- AC power on/off switch
- Front Panel ESD clips
- Plastic guide rails, accepts 1.6 to 2.5 mm PCB thickness, CompactPCI compliant
- Red guide rail for CPU slot
- Tight EMI/RFI designs
- Removable air filter tray, front

INTRODUCTION — The VMICPCI-0300 CompactPCI chassis is designed in the Bellcore NEBS form factor, adapting to a 19-inch rack. Designed to meet all of IEEE 1101.1, 1101.10, and 1101.11 specifications. Popular features of this chassis include acceptance of 160 mm deep front and 80 mm rear I/O boards. See Figure 1 for the chassis topology. This chassis features the new supercooling capabilities of the hot-pluggable RiCool blower assemblies.

PHYSICAL/ENVIRONMENTAL

Power Supply: Power supply for the chassis is ordered under part number VMICPCI-PS351

RICool BLOWER SPECIFICATIONS

Airflow Free Air Delivery: 240 CFM/408 m^3/h (unimpeded airflow)

Airflow Direction: Exhausts outward from back of subrack

Operating Temperature: -10 to +60 °C/+14 to +140 °F

Blower Power Supply: Power for the blowers is provided by two power supplies (PSU1, PSU2) mounted in the rear transition area utilizing AC autoranging power input (47 to 63 Hz). The power cord is not supplied with the unit.

TRADEMARKS

Ordering Options								
June 24, 1999 800-650300-000 A		A	B	C	–	D	E	F
VMICPCI-0300	–	0	0	0	–			
ABC = 000 (Options reserved for future use)								

For Ordering Information, Call:
1-800-322-3616 or 1-256-880-0444 • FAX (256) 882-0859
E-mail: info@vmic.com Web Address: www.vmic.com

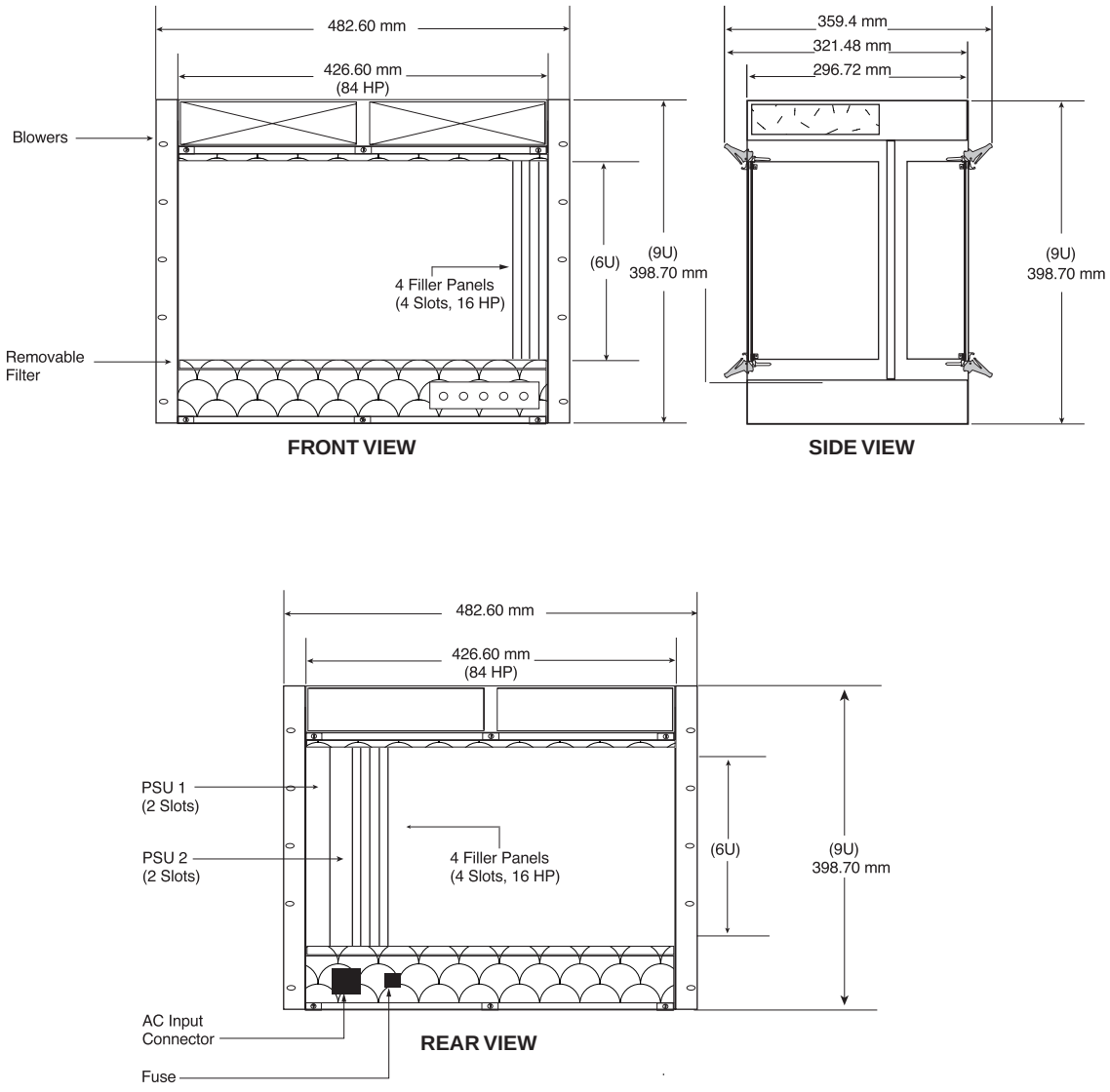

Figure 1. VMICPCI-0300 Topology