


V-Series Compact Air Conditioners



VA08 Indoor Model
1200, 1500 and 2000 Watts

Specifications

- 1200, 1500 and 2000 nominal watts
- 230 VAC 50 Hz power input with +/-10 percent operating range
- CE and GOST certifications

Part no.: VA081525G052S

Technical Information:

Industry Standards

- IP 56 Internal Air Loop
- IP 34 External Air Loop
- CE
- GOST

Application

- Industrial drive enclosures
- Automotive assembly systems
- Packaging equipment
- Material handling
- Other process control systems

Features

- Coated coils for filterless operation in most manufact environments
- Convenient quick-fastening terminal block for easy po connections
- Built-in installation hooks on the back of the unit
- Unique passive condensate management system
- Indoor operating temperature range from 20°C to 55°C
- IP 56 protection against dust and water infiltration
- Reliable mechanical thermostat to reduce the chance failure
- All-metal shroud for rugged factory conditions
- Exterior surface mounting standard
- Full-size cutout print included with every unit
- Easy access to the optional aluminum filter and other components
- Rigorously tested to withstand shipping vibration, high temperatures and other operating challenges
- Every unit functionally tested prior to leaving the facto
- R134A earth-friendly refrigerant and RoHS compliant

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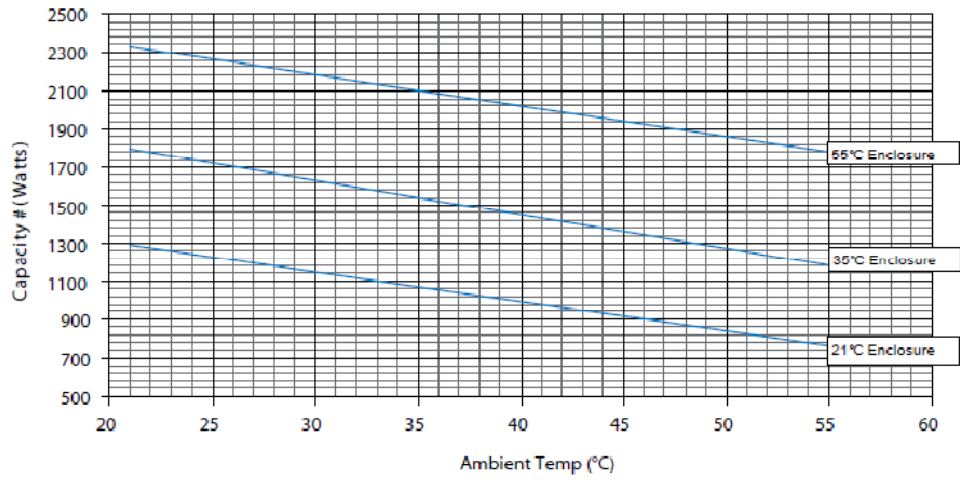
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Schroff McLean Biltcher CALMARK Schroff

VA081525GXXXS Capacity Curves 230V/50Hz

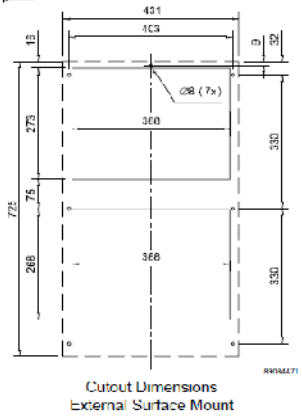
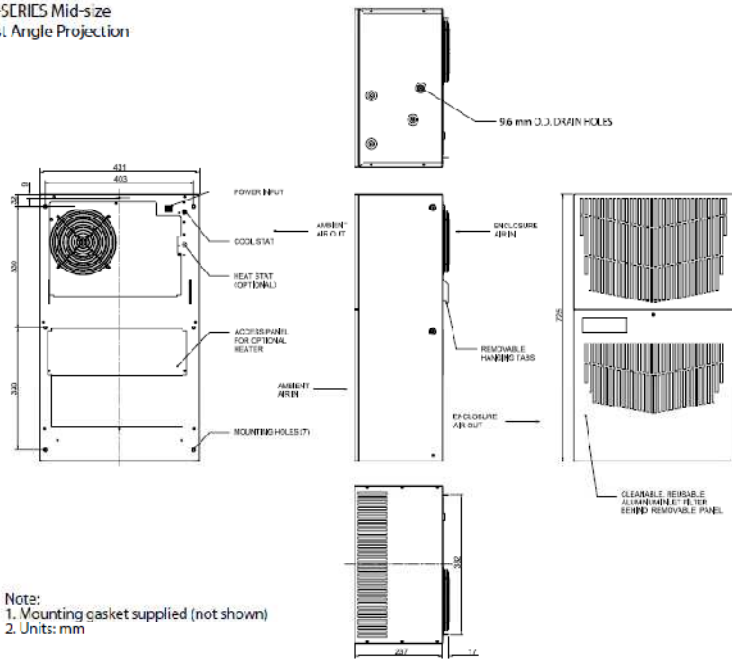


Industrial Cooling

V-Series Air Conditioners



V-SERIES Mid-size
1st Angle Projection



Cutout Dimensions
External Surface Mount



Performance Data 1200 W, 1500 W, 2000 W

| MODEL NUMBER | | | |
|--|---|---|---|
| Indoor Model | VA081225G052S | VA081525G052S | VA082025G052S |
| COOLING PERFORMANCE | | | |
| Nominal: | | | |
| L35 L35 | | | |
| Watt | 1200 | 1550 | 1950 |
| L35 L50 | | | |
| Watt | 930 | 1280 | 1700 |
| Refrigerant | R134a | R134a | R134a |
| Refrigerant Charge (g) | 462 | 652 | 765 |
| Operating Temperature Range: | | | |
| Maximum (°C) | 55 | 55 | 55 |
| Minimum (°C) | 20 | 20 | 20 |
| Airflow at 0 Static Pressure: | | | |
| Internal loop (m ³ /h) | 345 | 530 | 530 |
| External loop (m ³ /h) | 275 | 545 | 565 |
| Duty Cycle | 100% | 100% | 100% |
| ELECTRICAL DATA | | | |
| Rated Voltage | 230 | 230 | 230 |
| Frequency (Hz) | 50 | 50 | 50 |
| Operating Range | +/-10% | +/-10% | +/-10% |
| Power Consumption L35 L35 (Watts) | 565 | 610 | 855 |
| Max. Nominal Current (Amps) | 3.4 | 3.7 | 5.6 |
| Starting Current (Amps) | 16.2 | 16.3 | 22.7 |
| Pre-fuse T (Amps) | 10 | 10 | 10 |
| Agency Approvals | CE | CE | CE |
| | GOST | GOST | GOST |
| Power Input Description | Terminal Block | Terminal Block | Terminal Block |
| PERFORMANCE FACTOR L35 L35 | | | |
| Cooling Performance (Watt)/ Power Consumption (Watt) | 2.1 | 2.5 | 2.3 |
| ENCLOSURE PROTECTION | | | |
| IP Code | IP 56 Internal loop IP34 External loop | IP 56 Internal loop IP34 External loop | IP 56 Internal loop IP34 External loop |
| CONTROLLER | | | |
| Description | Basic Mechanical Thermostat | Basic Mechanical Thermostat | Basic Mechanical Thermostat |
| Thermostat Location | Enclosure Side | Enclosure Side | Enclosure Side |
| Factory Thermostat Setting (°C) | 35 | 35 | 35 |
| SOUND LEVEL | | | |
| At 1 M | 68 dBA | 71 dBA | 73 dBA |
| UNIT CONSTRUCTION | | | |
| Material | Galvanized Sheet Metal Standard | Galvanized Sheet Metal Standard | Galvanized Sheet Metal Standard |
| Finish | RAL 7035 light-gray, semi-textured powder-coat paint standard | RAL 7035 light-gray, semi-textured powder-coat paint standard | RAL 7035 light-gray, semi-textured powder-coat paint standard |
| UNIT DIMENSIONS | | | |
| Height (mm) | 725 | 725 | 725 |
| Width (mm) | 431 | 431 | 431 |
| Depth (mm) | 237 | 237 | 237 |
| Weight (kg) | 37 | 38 | 42 |