


## 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.:** VA081225G052S

**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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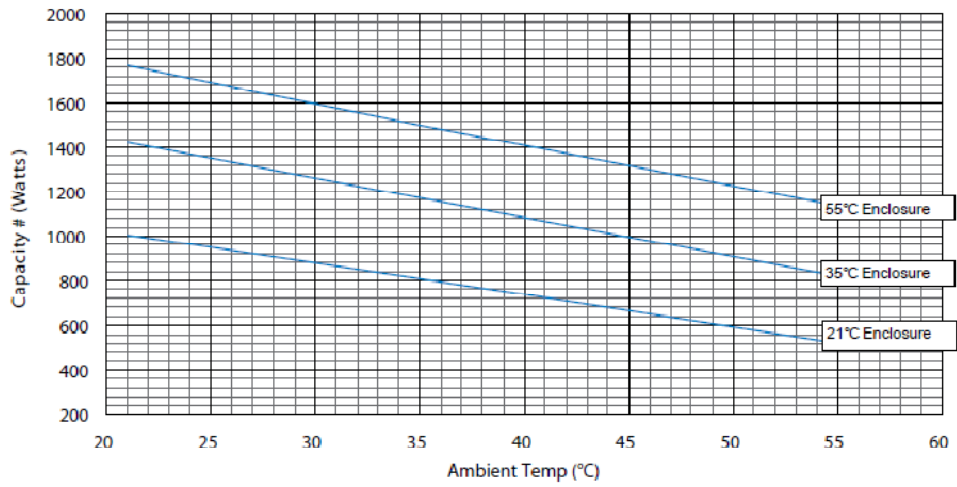
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F. van Lanschot Bankiers  
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Stalparten McLean Blitsch CALMARK Schroff

VA081225GXXXS Capacity Curves 230V/50Hz

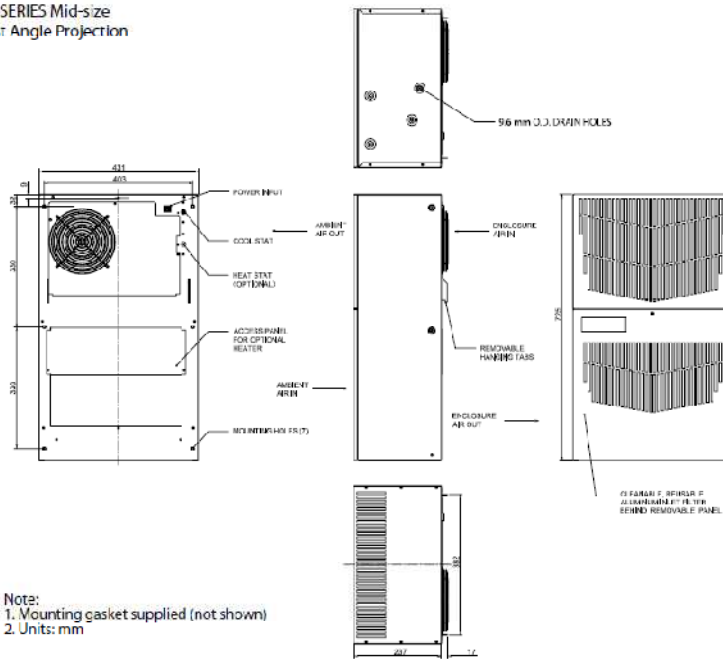


Industrial Cooling

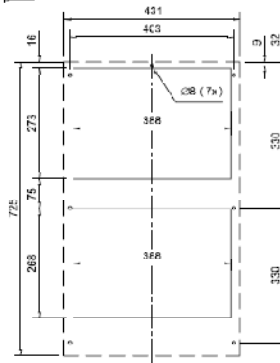
V-Series Air Conditioners



V-SERIES Mid-size  
1st Angle Projection



Note:  
1. Mounting gasket supplied (not shown)  
2. Units: mm



Cutout Dimensions  
External Surface Mount



Performance Data 1200 W, 1500 W, 2000 W

<b>MODEL NUMBER</b>			
Indoor Model	VA081225G052S	VA081525G052S	VA082025G052S
<b>COOLING PERFORMANCE</b>			
Nominal:			
L35 L35			
<b>Watt</b>	<b>1200</b>	<b>1550</b>	<b>1950</b>
L35 L50			
<b>Watt</b>	<b>930</b>	<b>1280</b>	<b>1700</b>
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 <sup>3</sup> /h)	345	530	530
External loop (m <sup>3</sup> /h)	275	545	565
Duty Cycle	100%	100%	100%
<b>ELECTRICAL DATA</b>			
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
<b>PERFORMANCE FACTOR L35 L35</b>			
Cooling Performance (Watt)/ Power Consumption (Watt)	2.1	2.5	2.3
<b>ENCLOSURE PROTECTION</b>			
IP Code	IP 56 Internal loop IP34 External loop	IP 56 Internal loop IP34 External loop	IP 56 Internal loop IP34 External loop
<b>CONTROLLER</b>			
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
<b>SOUND LEVEL</b>			
At 1 M	68 dBA	71 dBA	73 dBA
<b>UNIT CONSTRUCTION</b>			
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
<b>UNIT DIMENSIONS</b>			
Height (mm)	725	725	725
Width (mm)	431	431	431
Depth (mm)	237	237	237
Weight (kg)	37	38	42