

# SpectraCool Slim Fit Indoor Air Conditioner - EMEA

SpectraCool SlimFit Air Conditioners are designed with three space-saving mounting options to maximize footprint. They have been developed to meet the requirements of worldwide industrial customers, easy to specify and easy to use. From filterless operation to global certifications, the SpectraCool Slim Fit Air Conditioner makes automation cooling easy for system designers and operations maintenance teams around the world.

Select units come with a Commboard for Remote Access Control (RAC), an integrated, parametric controller designed to work seamlessly with our enclosure air conditioner units for the purpose of remotely monitoring and managing anywhere from a single unit to an entire network of SpectraCool air conditioners from virtually anywhere in the world with a secure internet connection. Ensure that your systems are always running at optimal temperature levels, increase productivity and improve overall system reliability.



## INDUSTRY STANDARDS

UL/cUL Listed Type 12; File No.SA6453

CE, EAC, RoHS

Cooling performance tested by TÜV SÜD Germany, according to DIN EN 14511

IP 54 internal loop, IP 34 external loop

## FEATURES

Slim Fit Design with three mounting options; fully recessed, partial recessed and surface mount

Aesthetic design plastic cover to optimize air flow

R134a refrigerant

Voltage: 230 V (50/60 Hz), 115 V (50/60 Hz) and 400/460 V 3-phase (50/60 Hz)

Operating temperature range from 50 F / 10 C to 131 F / 55 C

Easy filter replacement for extremely dusty environments

Dust resistant coils for filterless operation

Active condensate management to prevent dripping water

Energy efficient rotary compressor

Terminal block power input

Standard cutout dimension for easy exchange

Every unit functionally tested before shipping

Standard Air Conditioners are compatible with an enclosure door switch

Remote Access Control Units support up to 2 temperature sensors and 10 alarms. They support multiple communication protocols: SNMP, Modbus TCP, Ethernet/IP, and Profinet.

Mounting hardware, gaskets and user manual furnished with the unit

## SPECIFICATIONS

**Color:** Light Gray  
**Material:** Mild Steel  
**Finish:** Powder Coated  
**Color Code:** RAL 7035

Table 1/1

| Catalog Number | Nominal Capacity<br>Btu/h | Nominal Capacity<br>Watts | Nominal Voltage | Number of Phases | Height | Width |
|----------------|---------------------------|---------------------------|-----------------|------------------|--------|-------|
| S101046G031    | 3400Btu/h                 | 1000W                     | 460V            | 1                | 950mm  | 399mm |
| S060316G031    | 1000Btu/h                 | 300W                      | 115V            |                  | 549mm  | 279mm |
| S060326G031    | 1000Btu/h                 | 300W                      | 230V            |                  | 549mm  | 279mm |
| S060516G031    | 1700Btu/h                 | 500W                      | 115V            |                  | 549mm  | 279mm |
| S060526G031    | 1700Btu/h                 | 500W                      | 230V            |                  | 549mm  | 279mm |
| S101016G031    | 3400Btu/h                 | 1000W                     | 115V            |                  | 950mm  | 399mm |
| S101026G031    | 3400Btu/h                 | 1000W                     | 230V            |                  | 950mm  | 399mm |
| S101516G031    | 5000Btu/h                 | 1500W                     | 115V            |                  | 950mm  | 399mm |
| S101526G031    | 5000Btu/h                 | 1500W                     | 230V            |                  | 950mm  | 399mm |
| S101546G031    | 5000Btu/h                 | 1500W                     | 460V            | 3                | 950mm  | 399mm |
| S162016G041    | 6800Btu/h                 | 2000W                     | 115V            |                  | 1580mm | 399mm |
| S162026G031    | 6800Btu/h                 | 2000W                     | 230V            |                  | 1580mm | 399mm |
| S162046G031    | 6800Btu/h                 | 2000W                     | 460V            | 3                | 1580mm | 399mm |
| S162516G041    | 8500Btu/h                 | 2500W                     | 115V            |                  | 1580mm | 399mm |
| S162526G031    | 8500Btu/h                 | 2500W                     | 230V            |                  | 1580mm | 399mm |
| S162546G031    | 8500Btu/h                 | 2500W                     | 460V            | 3                | 1580mm | 399mm |

| Catalog Number | Nominal Capacity<br>Btu/h | Nominal Capacity<br>Watts | Nominal Voltage | Number of Phases | Height | Width |
|----------------|---------------------------|---------------------------|-----------------|------------------|--------|-------|
| S164046G031    | 13500Btu/h                | 4000W                     | 460V            | 3                | 1580mm | 500mm |
| S162016G031    | 6800Btu/h                 | 2000W                     | 115V            |                  | 1580mm | 399mm |
| S162516G031    | 8500Btu/h                 | 2500W                     | 115V            |                  | 1580mm | 399mm |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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