

# SlimLine Series Air Conditioners



## Applications

SlimLine air conditioners are designed with an internal closed loop system to provide protection from dust, oil and water. Rugged, energy efficient, and reliable cooling system.

## Construction

- Heavy gauge carbon steel.
- For use with NEMA 12 enclosures.
- Internal components are corrosion resistant.
- Captive screw fastened filter cover.
- Easy mounting flange hangers for installation included.
- High performance ball bearing fans.
- Cage clamp terminal connector.
- Oil and water-resistant gaskets installed.
- Units are painted RAL7035 Light Gray
- All 460 VAC units have an SCCR of 5kA

## Features

- Coils are designed as filterless units, fin spacing and hydrophobic nanocoating to help reduce chance of clogging.
- Washable, reusable 8-layer aluminum mesh filters included.
- Compressor heater.
- Enclosure heater for low ambient temperatures.
- High temp alarm.
- Door-activated switch wiring provisions.
- Environmentally friendly and chlorine-free R-134a refrigerant.

## Listings

- cULus Listed Type 12 File: E498756.
- cURus Recognized File SA32278
- IP54



| SlimLine Series Air Conditioners |            |                          |                   |                |                 |             |                     |
|----------------------------------|------------|--------------------------|-------------------|----------------|-----------------|-------------|---------------------|
| Part Number                      | Price      | Nominal Cooling Capacity | Operating Voltage | Inrush Current | Running Current | Unit Weight | Drawing Link        |
| <a href="#">42661001</a>         | \$1,650.00 | 1130 BTU/H               | 115 VAC           | 7.1 A          | 3.6A            | 29.0 lbs    | <a href="#">PDF</a> |
| <a href="#">42691001</a>         | \$1,756.00 | 1770 BTU/H               |                   | 14.6 A         | 4.4A            | 35.0 lbs    | <a href="#">PDF</a> |
| <a href="#">42711001</a>         | \$2,919.00 | 3020 BTU/H               |                   | 37A            | 7.2A            | 73.0 lbs    | <a href="#">PDF</a> |
| <a href="#">42712001</a>         | \$2,919.00 |                          | 460 VAC           | 8.2 A          | 1.4A            | 84.0 lbs    | <a href="#">PDF</a> |
| <a href="#">42721001</a>         | \$3,410.00 | 4100 BTU/H               | 115 VAC           | 37A            | 8.0A            | 88.0 lbs    | <a href="#">PDF</a> |
| <a href="#">42722001</a>         | \$3,410.00 | 4090 BTU/H               | 460 VAC           | 8.2 A          | 1.5A            | 90.0 lbs    | <a href="#">PDF</a> |

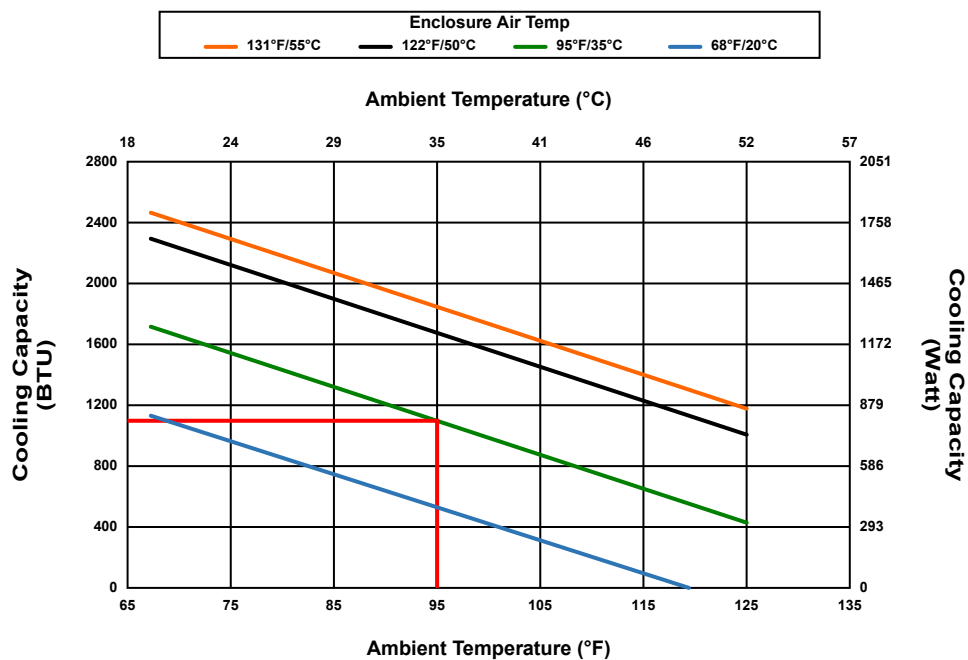
# SlimLine Series Air Conditioners



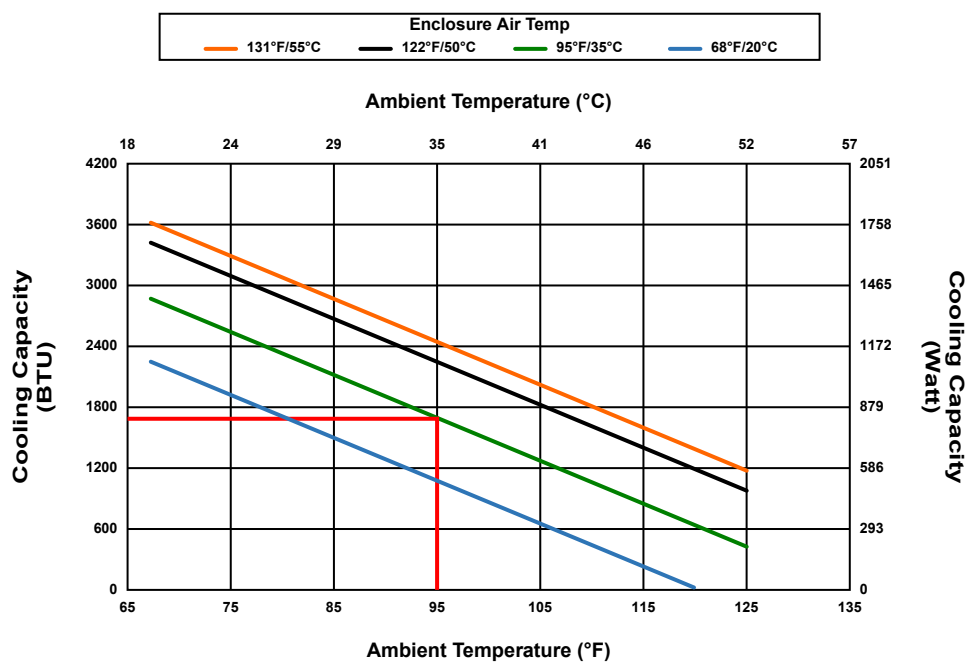
## Performance Graphs



### SlimLine 4266 Units



### SlimLine 4269 Units



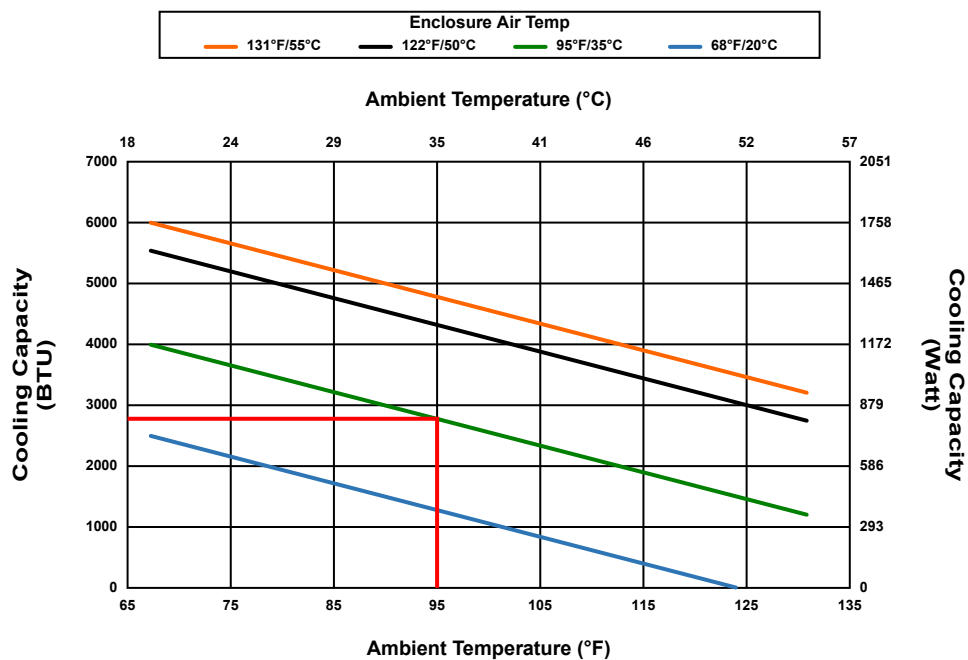
# SlimLine Series Air Conditioners



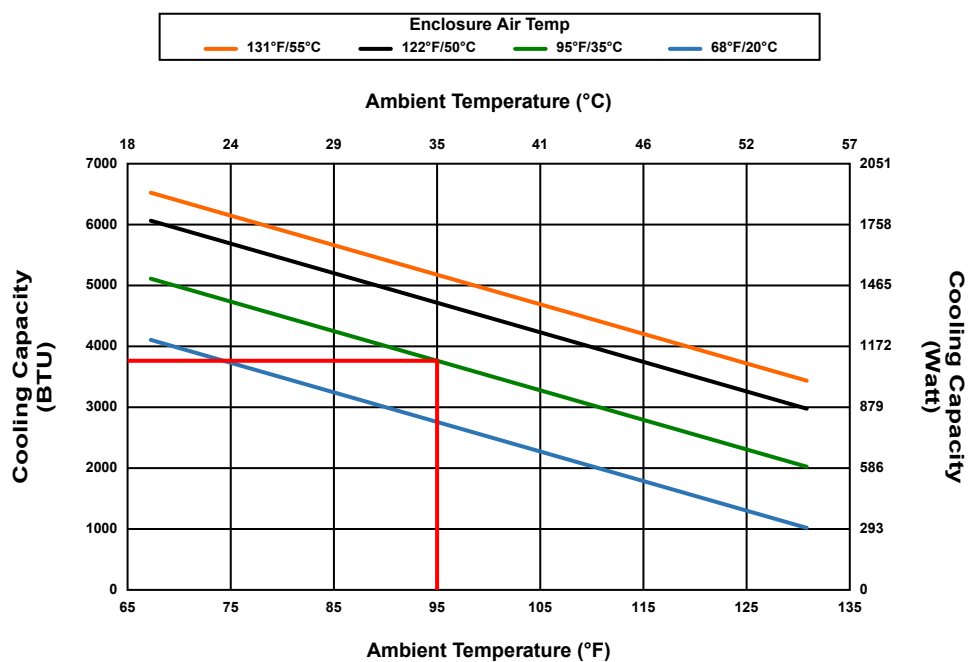
## Performance Graphs



**SlimLine 4271 Units**



**SlimLine 4272 Units**



# SlimLine Vario Series

## Air Conditioner



### Applications

The SlimLine Vario compressor can be adjusted to the required cooling capacity with variable speed via a controller, only consuming the amount of electricity that is actually required to cool the current power losses.

By continuously adapting the cooling capacity, a constant enclosure temperature can be achieved. Meaning the electronic components and the cooler are significantly less stressed. In addition, the formation of condensate inside the enclosure is minimized.

All of this leads to higher operational reliability, longer service life and energy savings.

### Construction

- Carbon steel housing.
- Closed loop cooling system.
- Hermetically sealed rotary compressor.
- Internal components are corrosion resistant.
- Built in Modbus communication via RS485 serial for unit monitoring and variable speed control.
- Active condensate system.
- Easy handling removable lifting strap.
- Mounting flange hangers for easy installation, included.
- Digital touchpad programmable controller, viewable from outside the enclosure.
- High performance ball bearing fans.
- SCCR of 5kA

### Features

- Coils are designed as filterless units, with fin spacing and hydrophobic nanocoating to help reduce chance of clogging.
- Washable, reusable aluminum mesh filters included.
- Compressor heater.
- Enclosure heater for low ambient temperatures.
- High temp alarm.
- Door-activated switch wiring provisions.
- Environmentally friendly and chlorine-free R-134a refrigerant.

### Listings

- cULus Listed Type 3, 3R, and 12 File: E498756.
- cURus Recognized File SA32278
- IP54



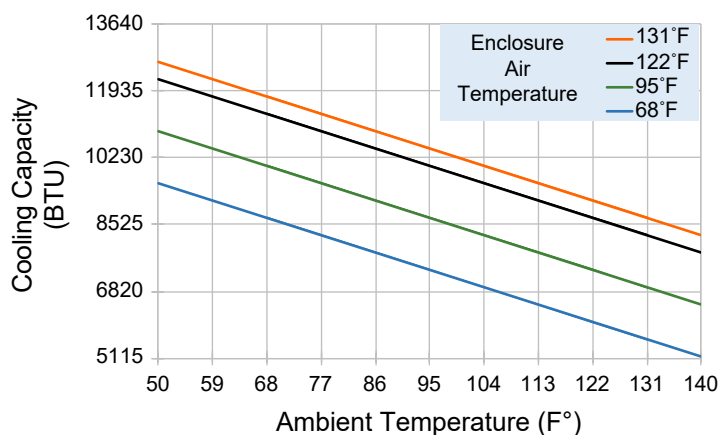
| SlimLine Vario Air Conditioner |            |                          |                   |                |                 |             |                     |
|--------------------------------|------------|--------------------------|-------------------|----------------|-----------------|-------------|---------------------|
| Part Number                    | Price      | Nominal Cooling Capacity | Operating Voltage | Inrush Current | Running Current | Unit Weight | Drawing Link        |
| <a href="#">862504001</a>      | \$5,083.00 | 8700 BTU/H               | 115/230 VAC       | 8A             | 12.6A/6.3A      | 99.0 lbs    | <a href="#">PDF</a> |

# SlimLine Vario Series Air Conditioners



## Performance Graphs

**SlimLine Vario Units**



**Variable Speed vs. Fixed Speed Current Usage**

