

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
42661001	\$,-005i3p:	1130 BTU/H	115 VAC	7.1 A	3.6A	29.0 lbs	PDF
42691001	\$,-005i3q:	1770 BTU/H		14.6 A	4.4A	35.0 lbs	PDF
42711001	\$,-005i3s:	3020 BTU/H		37A	7.2A	73.0 lbs	PDF
42712001	\$,-005i3u:		460 VAC	8.2 A	1.4A	84.0 lbs	PDF
42721001	\$,-005i3v:	4100 BTU/H	115 VAC	37A	8.0A	88.0 lbs	PDF
42722001	\$,-005i3x:	4090 BTU/H	460 VAC	8.2 A	1.5A	90.0 lbs	PDF

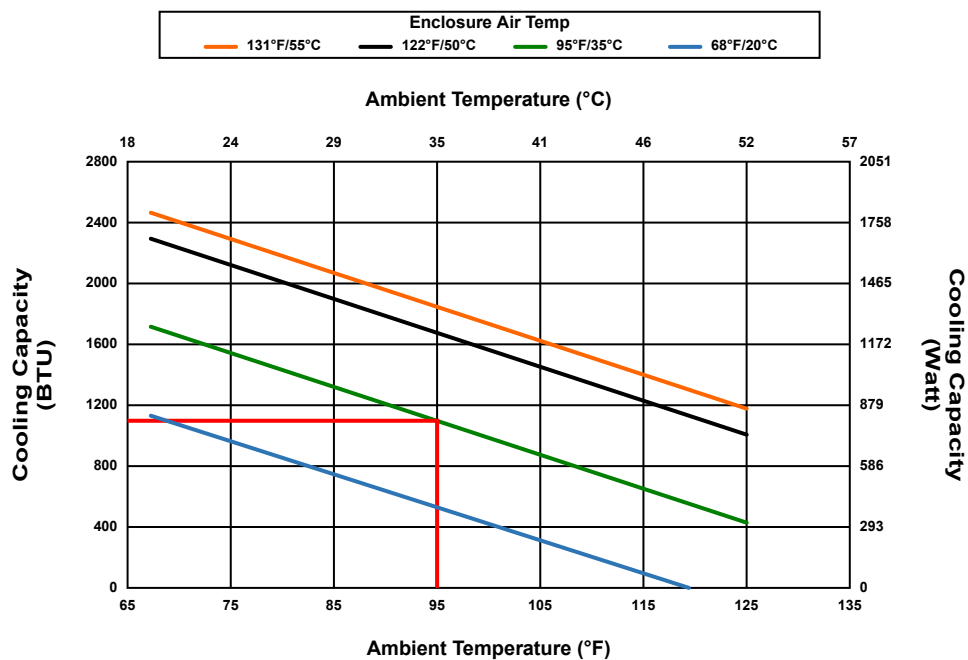
SlimLine Series Air Conditioners



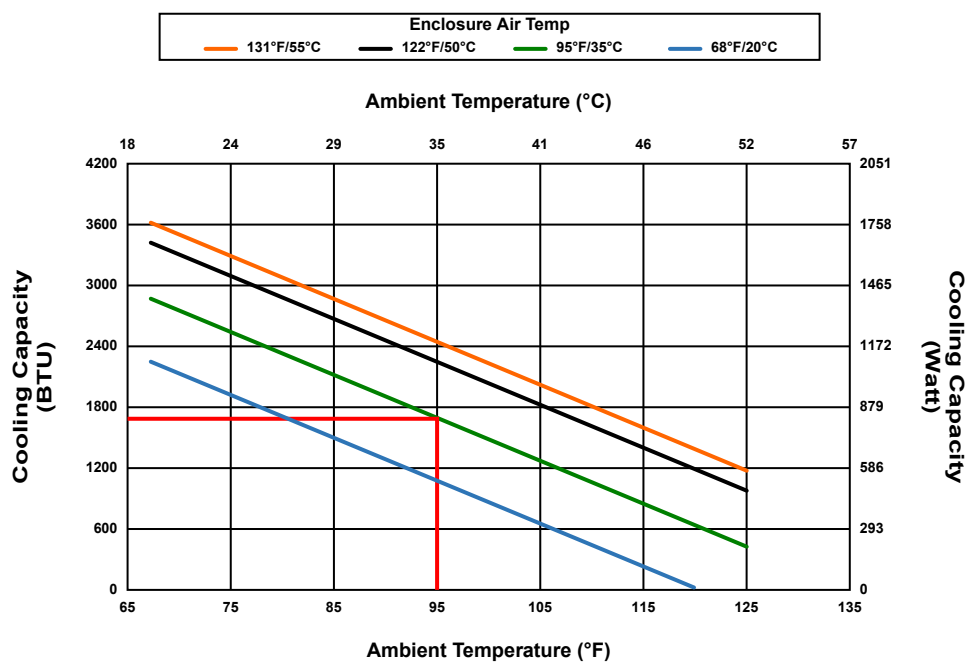
Performance Graphs



SlimLine 4266 Units



SlimLine 4269 Units



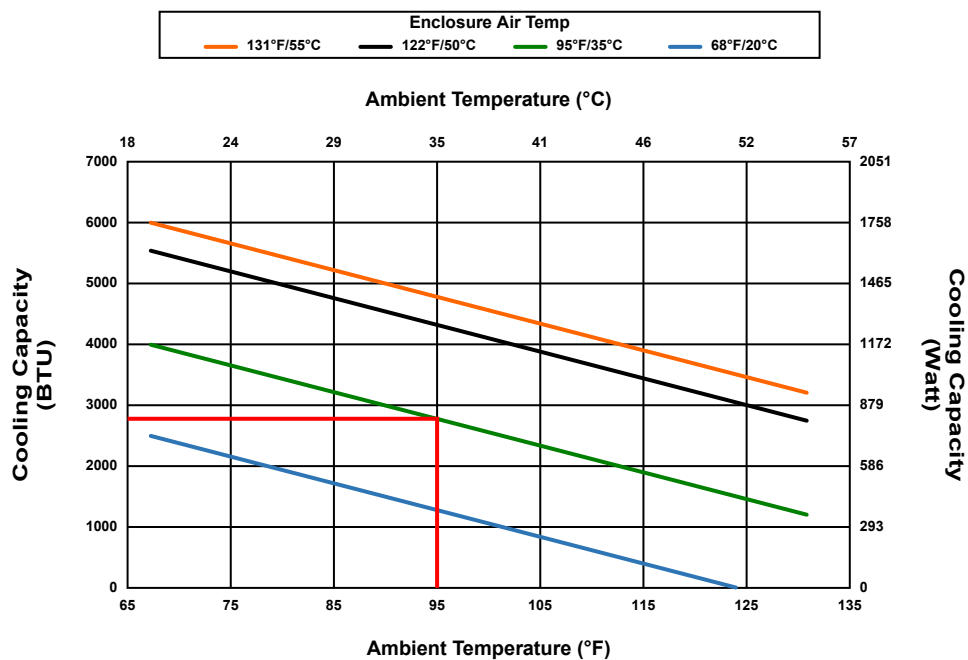
SlimLine Series Air Conditioners



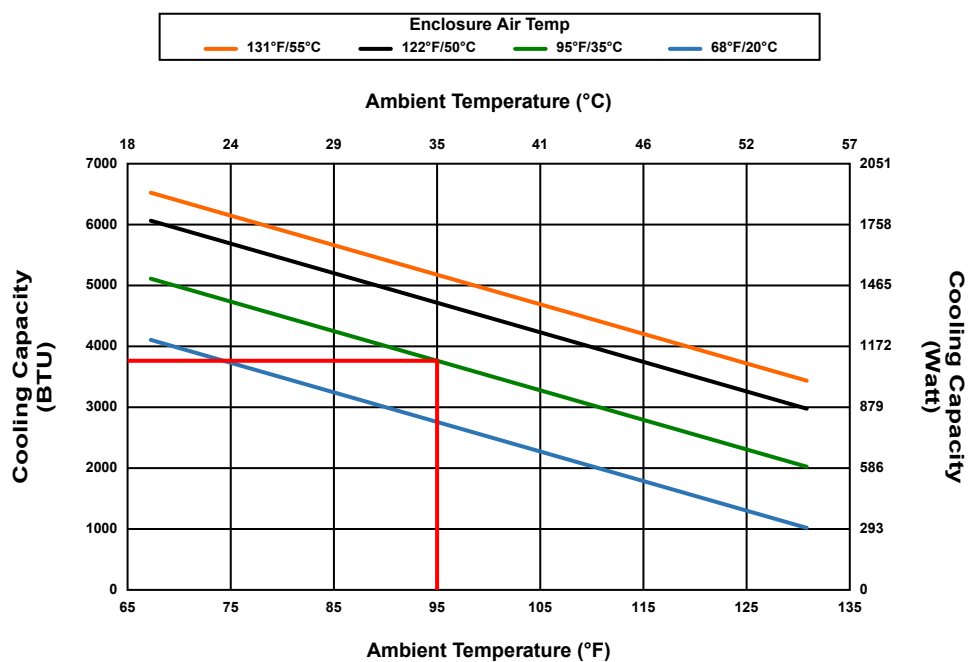
Performance Graphs



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



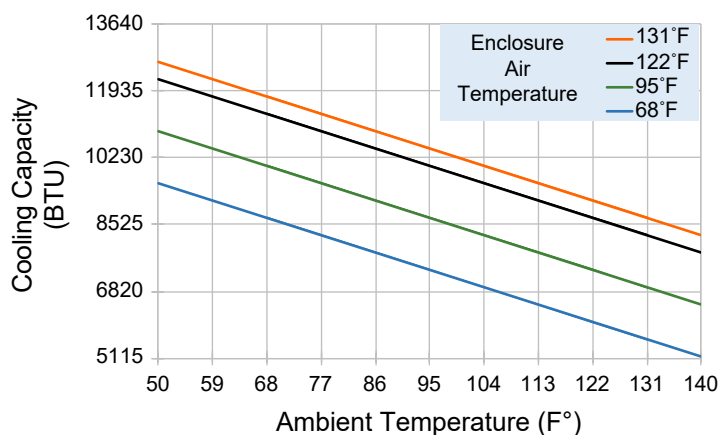
SlimLine Vario Air Conditioner							
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Drawing Link
862504001	\$:-005i3y:	8700 BTU/H	115/230 VAC	8A	12.6A/6.3A	99.0 lbs	PDF

SlimLine Vario Series Air Conditioners



Performance Graphs

SlimLine Vario Units



Variable Speed vs. Fixed Speed Current Usage

