

# NextGen Enviro-Therm<sup>®</sup> Series Air Conditioners



## Applications

NextGen Enviro-Therm<sup>®</sup> air conditioners are designed with an internal closed loop system to provide protection from dust, oil and water. For use in most industrial area or application where low ambient is not a concern indoor and outdoor. Rugged, more energy efficient and reliable cooling system.

## 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 control and monitoring.
- Active condensate system.
- Screw fastened filter cover.
- Easy handling removable lifting strap.
- Mounting flange hangers for easy installation, included.
- Digital touchpad programmable controller, viewable from outside the enclosure.
- Controller preset 95°F to cool adjustable 68°F to 122°F.
- Temperature differential hysteresis 5.4°F.
- High performance ball bearing fans.
- 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 aluminum mesh filters included.
- High temp alarm preset to 131°F.
- Door activated switch wiring provisions provided for easy installation.
- Environmentally friendly and chlorine-free R-134a refrigerant.

## Listings

- Can be used in NEMA 3R, 4, and 12 rated enclosures.
- UL File: E498756.



# NextGen Enviro-Therm® Series Air Conditioners



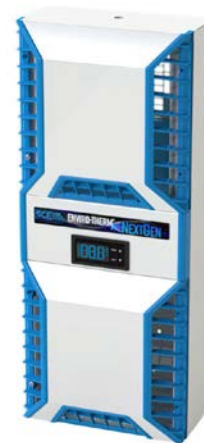
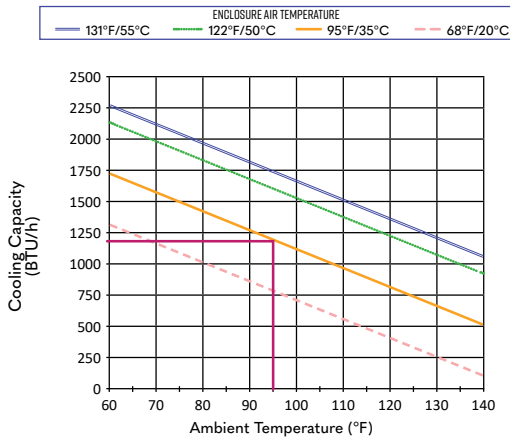
NextGen Enviro-Therm® Series Air Conditioners Specifications							
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Drawing Links
<a href="#">SCE-NG1195B120V</a>	\$2,244.00	1195 BTU/H	115 VAC	7.5 A	2.6 A	30.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG1195B230V</a>	\$2,180.00		230 VAC	4A	1.6 A	31.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG1870B120V</a>	\$2,787.00	1870 BTU/H	115 VAC	13A	4.8 A	35.3 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG1870B230V</a>	\$2,418.00		230 VAC	6A	2.5 A		<a href="#">PDF</a>

## Performance Graphs

### SCE-NG1195 Units

#### PERFORMANCE CURVE

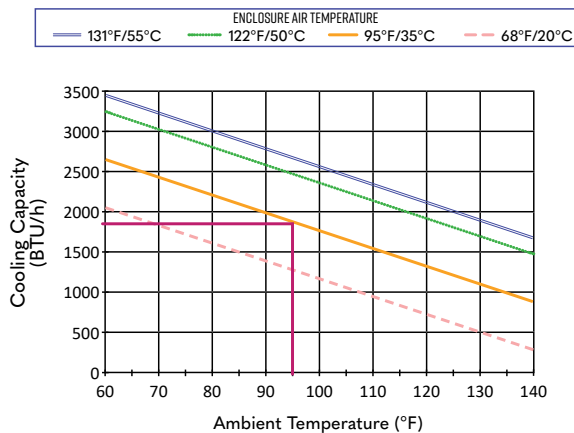
SCE-NG1195B120V, SCE-NG1195B230V



### SCE-NG1870 Units

#### PERFORMANCE CURVE

SCE-NG1870B120V, SCE-NG1870B230V



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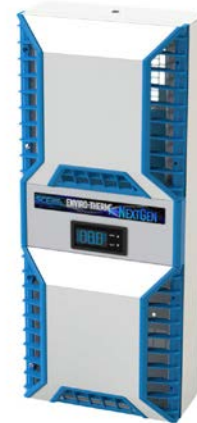
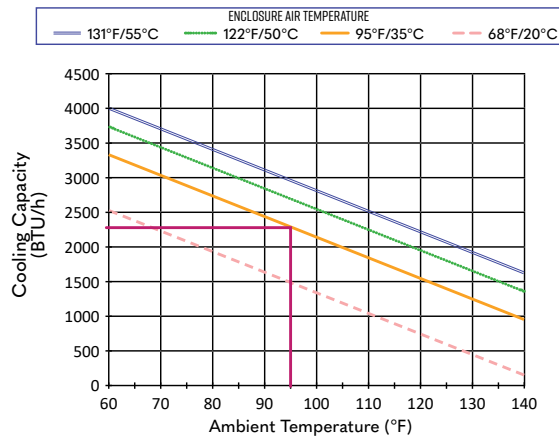
NextGen Enviro-Therm <sup>®</sup> Series Air Conditioners Specifications							
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Drawing Links
<a href="#">SCE-NG2320B120V</a>	\$2,787.00	2320 BTU/H	115 VAC	13A	6.0 A	46.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG2320B230V</a>	\$2,418.00		230 VAC	6A	2.7 A	31.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG2320B460V</a>	\$2,823.00		460 VAC	3A	1.5 A	40.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG2970B120V</a>	\$3,086.00	2970 BTU/H	115 VAC	28A	6.8 A	66.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG2970B230V</a>	\$2,745.00		230 VAC	6A	3.0 A	56.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG2970B460V</a>	\$3,253.00		460 VAC	4A	1.4 A	66.0 lbs	<a href="#">PDF</a>

## Performance Graphs

### SCE-NG2320 Units

#### PERFORMANCE CURVE

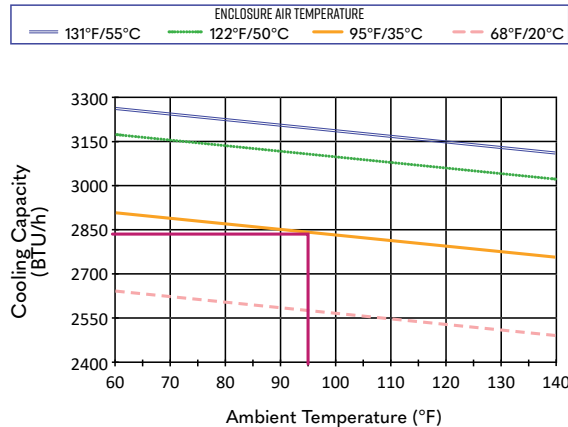
SCE-NG2320B120V, SCE-NG2320B230V, SCE-NG2320B460V



### SCE-NG2970 Units

#### PERFORMANCE CURVE

SCE-NG2970B120V, SCE-NG2970B230V, SCE-NG2970B460V



# NextGen Enviro-Therm<sup>®</sup> Series Air Conditioners



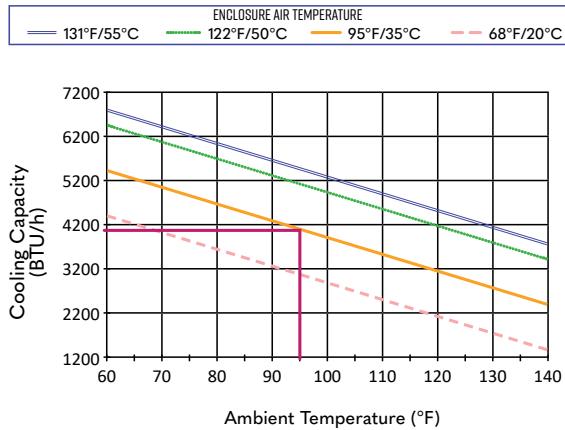
NextGen Enviro-Therm <sup>®</sup> Series Air Conditioners Specifications							
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Drawing Links
<a href="#">SCE-NG2970B460V</a>	\$3,660.00	4095 BTU/H	115 VAC	30A	9.5 A	77.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG4095B230V</a>	\$3,224.00		230 VAC	15A	5.0 A	66.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG4095B460V3</a>	\$3,660.00		460 VAC	8.2 A	2.0 A	77.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG5290B120V</a>	\$4,193.00	5290 BTU/H	115 VAC	32A	9.4 A	96.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG5290B230V</a>	\$3,784.00		230 VAC	16A	4.7 A	85.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG5290B460V3</a>	\$4,193.00		460 VAC	8.2 A	2.0 A	88.0 lbs	<a href="#">PDF</a>

## Performance Graphs

### SCE-NG4095 Units

#### PERFORMANCE CURVE

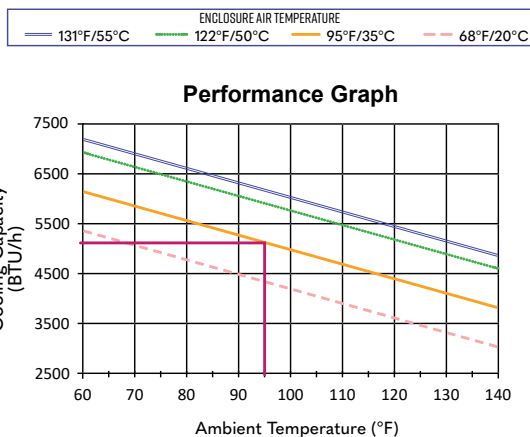
SCE-NG4095B120V, SCE-NG4095B230V, SCE-NG4095B460V3



### SCE-NG5290 Units

#### PERFORMANCE CURVE

SCE-NG5290B120V, SCE-NG5290B230V, SCE-NG5290B460V3



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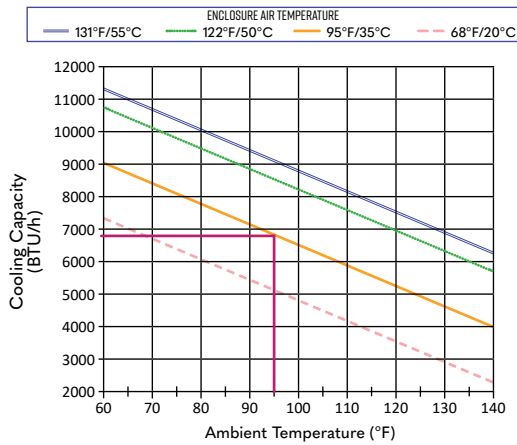
NextGen Enviro-Therm <sup>®</sup> Series Air Conditioners Specifications							
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Drawing Links
<a href="#">SCE-NG5290B460V3</a>	\$4,678.00	6800 BTU/H	115 VAC	32A	14.8 A	106.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG6800B230V</a>	\$4,256.00		230 VAC	16A	7.4 A	102.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG6800B460V3</a>	\$4,678.00		460 VAC	8A	2.9 A	107.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG8500B120V</a>	\$5,386.00	8500 BTU/H	115 VAC	22.5 A	19.3 A	99.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG8500B230V</a>	\$4,910.00		230 VAC	11A	7.9 A	104.0 lbs	<a href="#">PDF</a>
<a href="#">SCE-NG8500B460V3</a>	\$5,386.00		460 VAC	20A	3.1 A	99.0 lbs	<a href="#">PDF</a>

## Performance Graphs

### SCE-NG6800 Units

#### PERFORMANCE CURVE

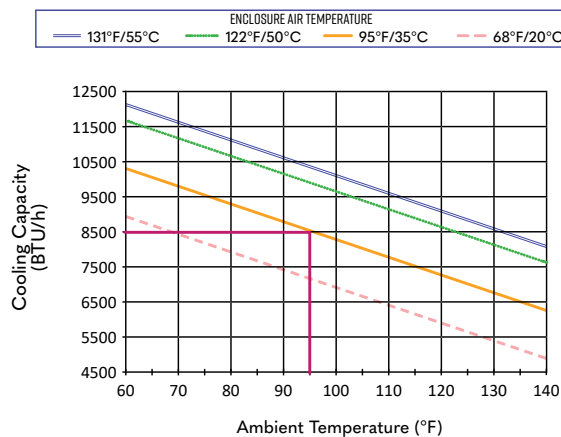
SCE-NG6800B120V, SCE-NG6800B230V, SCE-NG6800B460V3



### SCE-NG8500 Units

#### PERFORMANCE CURVE

SCE-NG8500B120V, SCE-NG8500B230V, SCE-NG8500B460V3



# NextGen Enviro-Therm® Series Air Conditioners



NextGen Enviro-Therm® Series Air Conditioners Specifications							
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Drawing Links
<b>SCE-NG14300B230V</b>	\$6,284.00	14300 BTU/H	230 VAC	50A	14.8 A	136.0 lbs	PDF
<b>SCE-NG14300B460V3</b>	\$6,870.00		460 VAC	15A	4.5 A	141.0 lbs	PDF

## Performance Graphs

### SCE-NG14300 Units

#### PERFORMANCE CURVE

SCE-NG14300B230V, SCE-NG14300B460V3

