

# 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.
- cULus: Listed in UL File E498756 under Model Number and not Part Number.



# NextGen Enviro-Therm® Series Air Conditioners



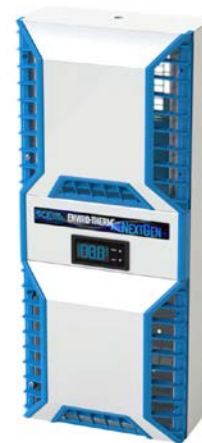
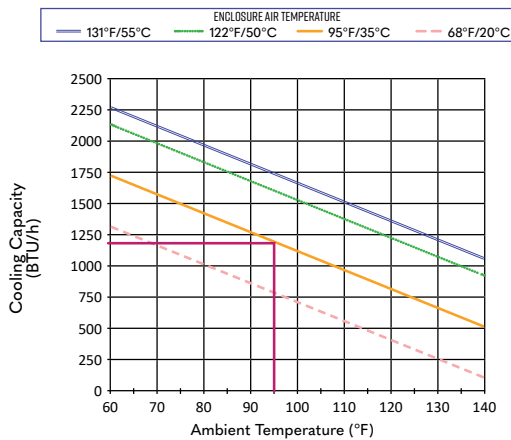
| NextGen Enviro-Therm® Series Air Conditioners Specifications |            |                          |                   |                |                 |             |              |                     |
|--|------------|--------------------------|-------------------|----------------|-----------------|-------------|--------------|---------------------|
| Part Number  | Price      | Nominal Cooling Capacity | Operating Voltage | Inrush Current | Running Current | Unit Weight | Model Number | Drawing Links       |
| <a href="#">SCE-NG1195B120V</a>                              | \$2,244.00 | 1195 BTU/H               | 115 VAC           | 7.5 A          | 2.6 A           | 30.0 lbs    | KG8503       | <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    | KG8505       | <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

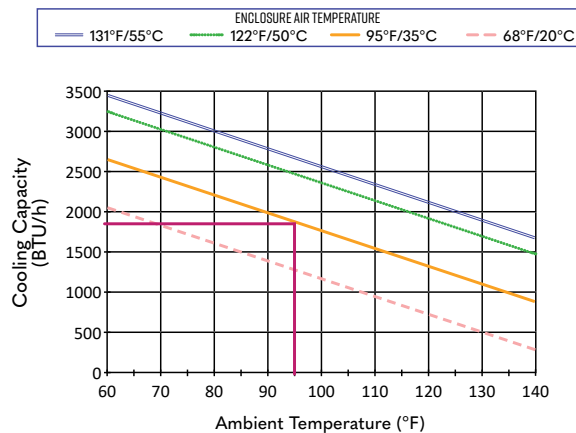
SCE-NG1195B120V, SCE-NG1195B230V



### SCE-NG1870 Units

#### PERFORMANCE CURVE

SCE-NG1870B120V, SCE-NG1870B230V



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



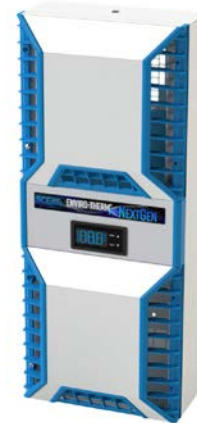
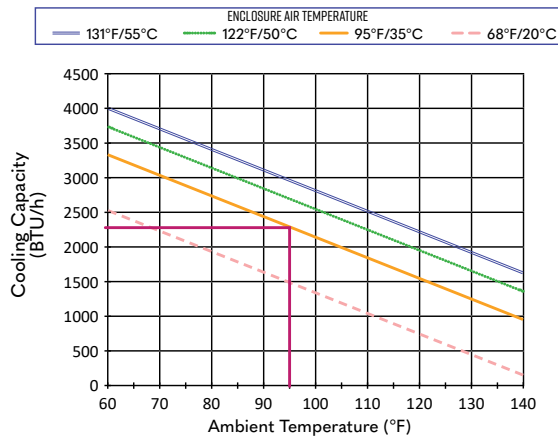
| NextGen Enviro-Therm <sup>®</sup> Series Air Conditioners Specifications |            |                          |                   |                |                 |             |              |                     |
|--|------------|--------------------------|-------------------|----------------|-----------------|-------------|--------------|---------------------|
| Part Number  | Price      | Nominal Cooling Capacity | Operating Voltage | Inrush Current | Running Current | Unit Weight | Model Number | Drawing Links       |
| <a href="#">SCE-NG2320B120V</a>  | \$2,787.00 | 2320 BTU/H               | 115 VAC           | 13A            | 6.0 A           | 46.0 lbs    | KG 8506      | <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    | KG8508       | <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

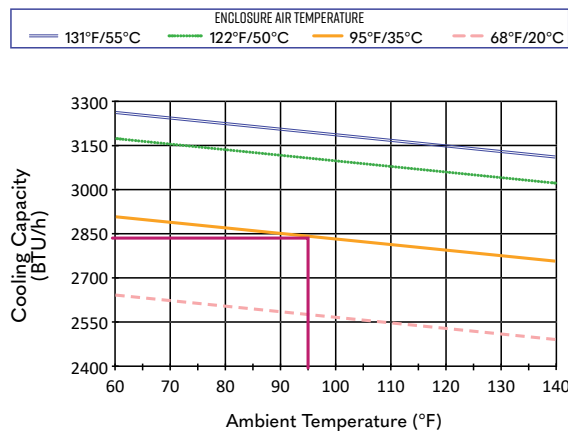
SCE-NG2320B120V, SCE-NG2320B230V, SCE-NG2320B460V



### SCE-NG2970 Units

#### PERFORMANCE CURVE

SCE-NG2970B120V, SCE-NG2970B230V, SCE-NG2970B460V



# NextGen Enviro-Therm® Series Air Conditioners



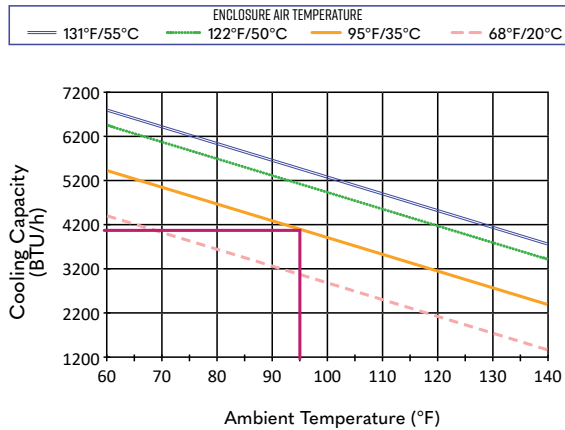
| NextGen Enviro-Therm® Series Air Conditioners Specifications |            |                          |                   |                |                 |             |              |                     |
|--|------------|--------------------------|-------------------|----------------|-----------------|-------------|--------------|---------------------|
| Part Number  | Price      | Nominal Cooling Capacity | Operating Voltage | Inrush Current | Running Current | Unit Weight | Model Number | Drawing Links       |
| <a href="#">SCE-NG2970B460V</a>                              | \$3,660.00 | 4095 BTU/H               | 115 VAC           | 30A            | 9.5 A           | 77.0 lbs    | KG8512       | <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    | KG 8412      | <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

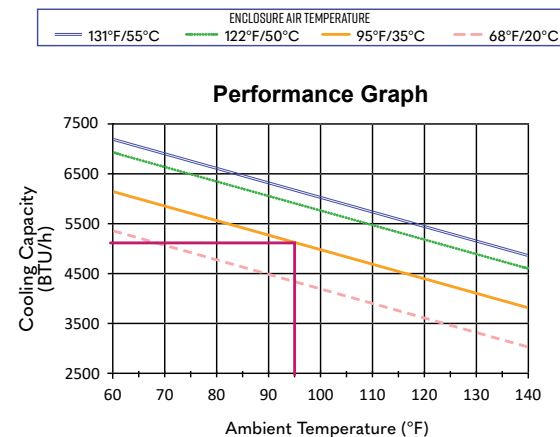
SCE-NG4095B120V, SCE-NG4095B230V, SCE-NG4095B460V3



### SCE-NG5290 Units

#### PERFORMANCE CURVE

SCE-NG5290B120V, SCE-NG5290B230V, SCE-NG5290B460V3



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



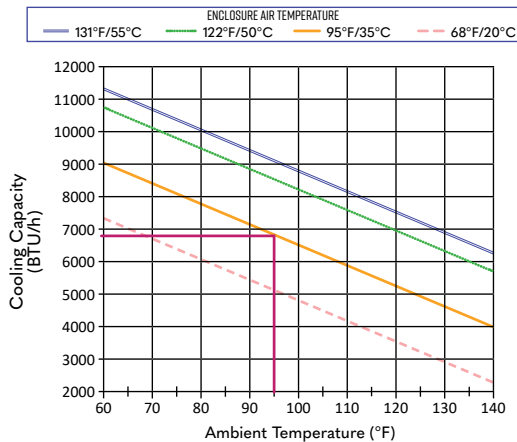
| NextGen Enviro-Therm <sup>®</sup> Series Air Conditioners Specifications |            |                          |                   |                |                 |             |              |                     |
|--|------------|--------------------------|-------------------|----------------|-----------------|-------------|--------------|---------------------|
| Part Number  | Price      | Nominal Cooling Capacity | Operating Voltage | Inrush Current | Running Current | Unit Weight | Model Number | Drawing Links       |
| <a href="#">SCE-NG5290B460V3</a>   | \$4,678.00 | 6800 BTU/H               | 115 VAC           | 32A            | 14.8 A          | 106.0 lbs   | KG 8520      | <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    | KG 8525      | <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

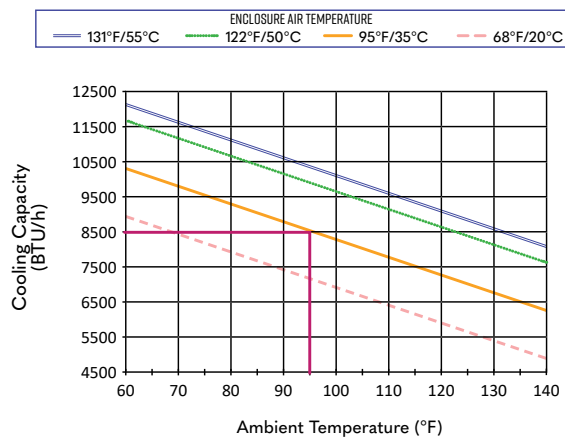
SCE-NG6800B120V, SCE-NG6800B230V, SCE-NG6800B460V3



### SCE-NG8500 Units

#### PERFORMANCE CURVE

SCE-NG8500B120V, SCE-NG8500B230V, SCE-NG8500B460V3



# NextGen Enviro-Therm® Series Air Conditioners



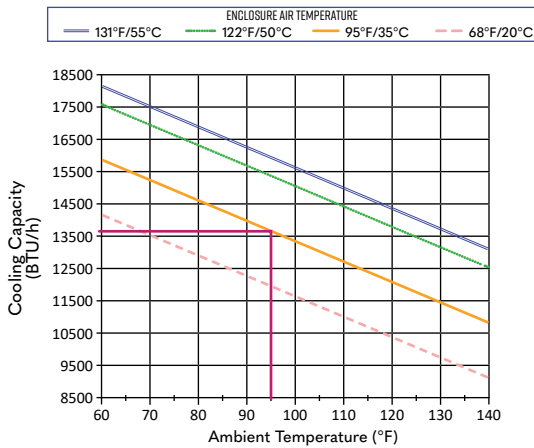
| NextGen Enviro-Therm® Series Air Conditioners Specifications |            |                          |                   |                |                 |             |              |                     |
|--|------------|--------------------------|-------------------|----------------|-----------------|-------------|--------------|---------------------|
| Part Number  | Price      | Nominal Cooling Capacity | Operating Voltage | Inrush Current | Running Current | Unit Weight | Model Number | Drawing Links       |
| <b>SCE-NG14300B230V</b>                                      | \$6,284.00 | 14300 BTU/H              | 230 VAC           | 50A            | 14.8 A          | 136.0 lbs   | KG 8440      | <a href="#">PDF</a> |
| <b>SCE-NG14300B460V3</b>                                     | \$6,870.00 |                          | 460 VAC           | 15A            | 4.5 A           | 141.0 lbs   |              | <a href="#">PDF</a> |

## Performance Graphs

### SCE-NG14300 Units

#### PERFORMANCE CURVE

SCE-NG14300B230V, SCE-NG14300B460V3



# Accessories – NextGen Air Conditioners



| Bolt Pack                |          |   |
|--------------------------|----------|---|
| Part Number              | Price    | Description   |
| <b><u>SCE-NGBOLT</u></b> | \$162.00 | Bolt pack, replacement For use with NextGen air conditioners (8) M6 bolts, washers, and external tooth washers included |



**SCE-NGBOLT**