

NextGen Enviro-Therm® Series Air Conditioners



Applications

NextGen Enviro-Therm® 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 R-513a or 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



Your Enclosure Source®

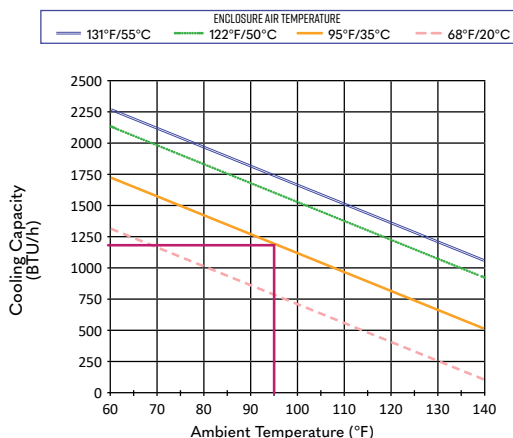
NextGen Enviro-Therm® Series Air Conditioners Specifications								
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Model Number	Drawing Links
SCE-NG1195B120V	\$;-005inz:	1195 BTU/H	115 VAC	7.5 A	2.6A	30.0 lbs	KG8503	PDF
SCE-NG1195B230V	\$;-005in]:		230 VAC	4A	1.6A	31.0 lbs		PDF
SCE-NG1870B120V	\$;-005in[:	1870 BTU/H	115 VAC	13A	4.8A	35.3 lbs	KG8505	PDF
SCE-NG1870B230V	\$;-005in_:		230 VAC	6A	2.5A			PDF

Performance Graphs

SCE-NG1195 Units

PERFORMANCE CURVE

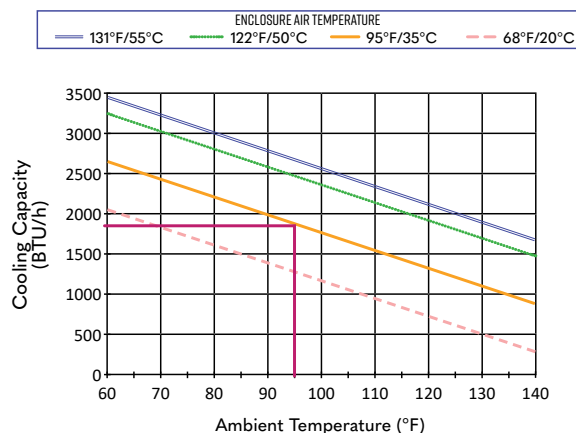
SCE-NG1195B120V, SCE-NG1195B230V



SCE-NG1870 Units

PERFORMANCE CURVE

SCE-NG1870B120V, SCE-NG1870B230V



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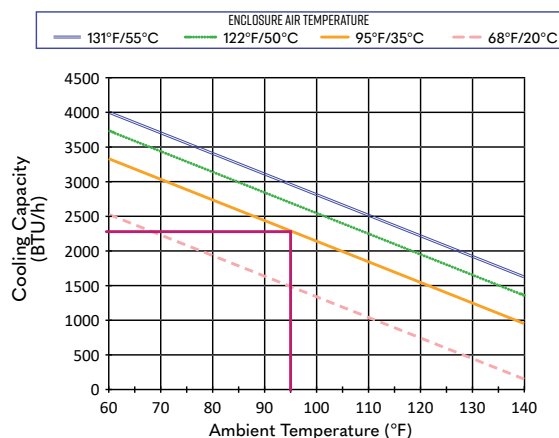
NextGen Enviro-Therm® Series Air Conditioners Specifications								
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Model Number	Drawing Links
SCE-NG2320B120V	\$,-005in#:	2320 BTU/H	115 VAC	13A	6.0A	46.0 lbs	KG 8506	PDF
SCE-NG2320B230V	\$,-005in!:		230 VAC	6A	2.7A	31.0 lbs		PDF
SCE-NG2320B460V	\$,-005in?:		460 VAC	3A	1.5A	40.0 lbs		PDF
SCE-NG2970B120V	\$,-005in,:	2970 BTU/H	115 VAC	28A	6.8A	66.0 lbs	KG8508	PDF
SCE-NG2970B230V	\$,-005io0:		230 VAC	6A	3.0A	56.0 lbs		PDF
SCE-NG2970B460V	\$,-005io1:		460 VAC	4A	1.4A	66.0 lbs		PDF

Performance Graphs

SCE-NG2320 Units

PERFORMANCE CURVE

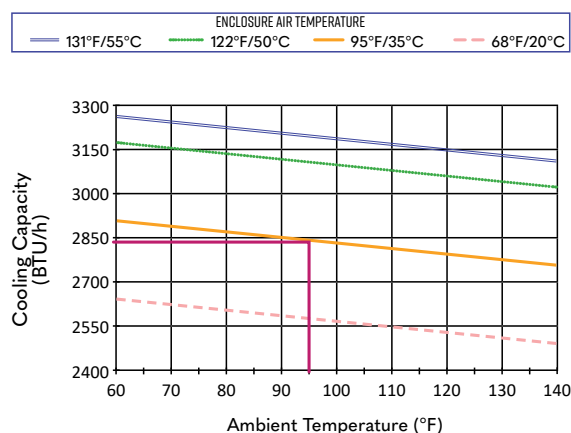
SCE-NG2320B120V, SCE-NG2320B230V, SCE-NG2320B460V



SCE-NG2970 Units

PERFORMANCE CURVE

SCE-NG2970B120V, SCE-NG2970B230V, SCE-NG2970B460V



NextGen Enviro-Therm® Series Air Conditioners



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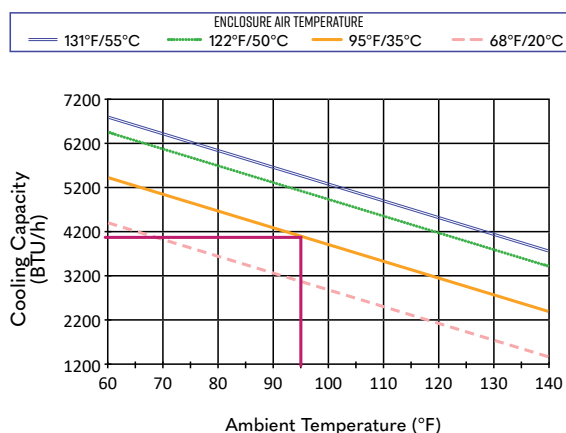
NextGen Enviro-Therm® Series Air Conditioners Specifications								
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Model Number	Drawing Links
SCE-NG2970B460V	\$,-005io2:	4095 BTU/H	115 VAC	30A	9.5A	77.0 lbs	KG8512	PDF
SCE-NG4095B230V	\$,-005io3:		230 VAC	15A	5.0A	66.0 lbs		PDF
SCE-NG4095B460V3	\$,-005io4:		460 VAC	8.2 A	2.0A	77.0 lbs		PDF
SCE-NG5290B120V	\$,-005io5:	5290 BTU/H	115 VAC	32A	9.4A	96.0 lbs	KG 8412	PDF
SCE-NG5290B230V	\$,-005io6:		230 VAC	16A	4.7A	85.0 lbs		PDF
SCE-NG5290B460V3	\$,-005io7:		460 VAC	8.2 A	2.0A	88.0 lbs		PDF

Performance Graphs

SCE-NG4095 Units

PERFORMANCE CURVE

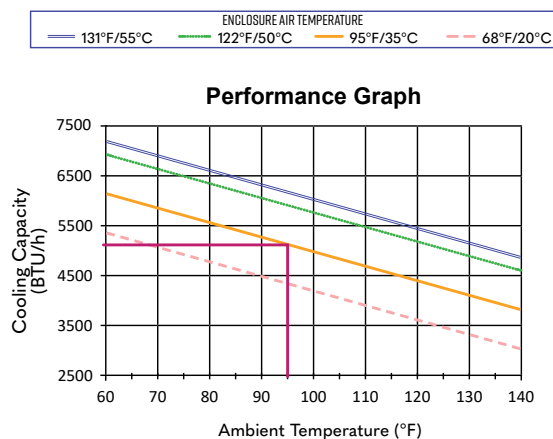
SCE-NG4095B120V, SCE-NG4095B230V, SCE-NG4095B460V3



SCE-NG5290 Units

PERFORMANCE CURVE

SCE-NG5290B120V, SCE-NG5290B230V, SCE-NG5290B460V3



NextGen Enviro-Therm® Series Air Conditioners



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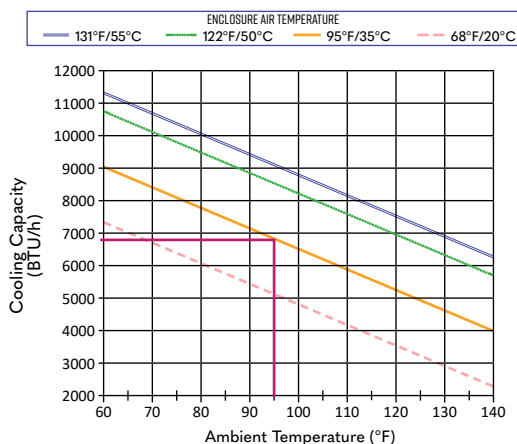
NextGen Enviro-Therm® Series Air Conditioners Specifications								
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Model Number	Drawing Links
SCE-NG5290B460V3	\$:-005io8:	6800 BTU/H	115 VAC	32A	14.8A	106.0 lbs	KG 8520	PDF
SCE-NG6800B230V	\$:-005io9:		230 VAC	16A	7.4A	102.0 lbs		PDF
SCE-NG6800B460V3	\$:-005ioa:		460 VAC	8A	2.9A	107.0 lbs		PDF
SCE-NG8500B120V	\$:-005iob:	8500 BTU/H	115 VAC	22.5 A	19.3A	99.0 lbs	KG 8525	PDF
SCE-NG8500B230V	\$:-005ioc:		230 VAC	11A	7.9A	104.0 lbs		PDF
SCE-NG8500B460V3	\$:-005iod:		460 VAC	20A	3.1A	99.0 lbs		PDF

Performance Graphs

SCE-NG6800 Units

PERFORMANCE CURVE

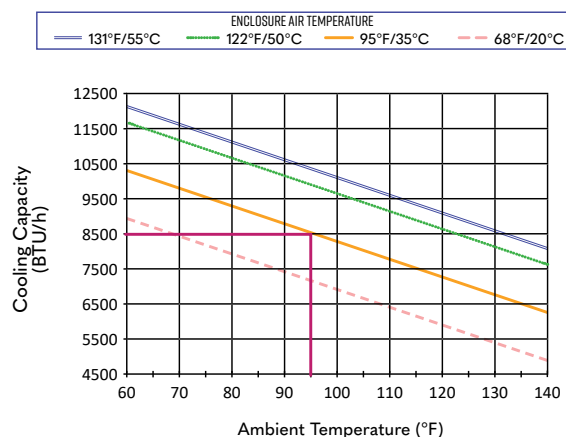
SCE-NG6800B120V, SCE-NG6800B230V, SCE-NG6800B460V3



SCE-NG8500 Units

PERFORMANCE CURVE

SCE-NG8500B120V, SCE-NG8500B230V, SCE-NG8500B460V3



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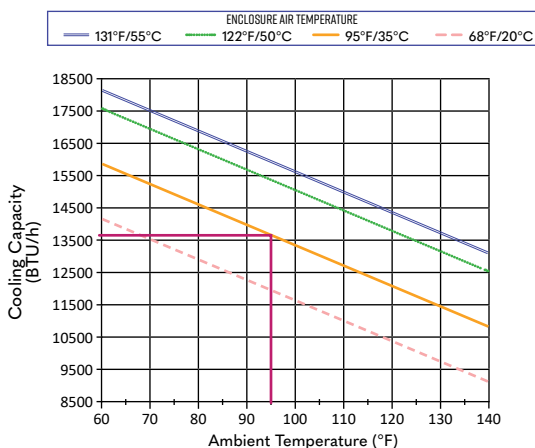
NextGen Enviro-Therm® Series Air Conditioners Specifications								
Part Number	Price	Nominal Cooling Capacity	Operating Voltage	Inrush Current	Running Current	Unit Weight	Model Number	Drawing Links
SCE-NG14300B230V	\$,-005ioe:	14300 BTU/H	230 VAC	50A	14.8A	136.0 lbs	KG 8440	PDF
SCE-NG14300B460V3	\$,-005iof:		460 VAC	15A	4.5A	141.0 lbs		PDF

Performance Graphs

SCE-NG14300 Units

PERFORMANCE CURVE

SCE-NG14300B230V, SCE-NG14300B460V3



Accessories – NextGen Air Conditioners



Bolt Pack		
Part Number	Price	Description
<u>SCE-NGBOLT</u>	\$067#7:	Bolt pack, replacement. For use with NextGen air conditioners. (8) M6 bolts, washers, and external tooth washers included.



SCE-NGBOLT