Enclosure Air Conditioners

Applications

Designed to maintain the temperature inside an electrical enclosure at or below a safe level for the enclosed equipment, while maintaining a closed loop environment inside the enclosure to keep out contaminates that can be in the ambient air. Can be used in environments such as steel, food processing, petro-chemical, cement, paper/pulp and plastics industries, provided there are no corrosive gases or liquids that could damage internal components.

Construction

- Free-standing rigid chassis for easy installation and maintenance
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models
- All Type 4 and 4X models come with condenser coils coated with an electrically applied corrosion-resistant coating

Features

- Programmable temperature controller with visible alarm features in a 0.57 x 0.29in [14.5 x 7.3mm] panel
- 70˚F to 95˚F (20˚C to 35˚C) temperature control range
- 50˚F to 125˚F (10˚C to 52˚C) ambient temperature range
- Pre-wired for external alarm monitoring connections (22 AWG three-conductor cable, 7 ft (2.3 m) long)
- Active condensate evaporation system with safety overflow
- Protective coated condenser coils on NEMA 4 and 4X for corrosion resistance
- Thermal expansion valve for maximum efficiency over wide range of temperatures and loads
- Anti short-cycle compressor protection
- High and low refrigerant cut-outs with fault indication
- Highly energy-efficient compressors
- UL/cUL listed



TA10-060-26-12 shown

Enclosure Air Conditioners General Specifications

Part Number	Nominal Cooling Capacity	Operating Voltage	Inrush Current (A)	Running Current (A)	Recommended Fuse Size/Time Delay (A)	SCCR (A)	Connection	Refrigerant	Refrigerant Amount (oz)
TA20-010-48D-xx	1500 BTU/H	48VDC	-	3.50	8 (fast acting)	*	***Spring terminal block 24-8 AWG***	***R134a***	6.00
TA20-010-16-xx	1690 BTU/H	115VAC/60Hz	10.10	2.70	5	*			
TA10-027-16-xx	2680 BTU/H	115VAC/60Hz	10.00	3.20	8	*			13.25
TA10-027-46-xx		460VAC/60Hz	2.64	0.80	2	*			
TA20-020-16-xx	2705 BTU/H	115VAC/60Hz	10.63	4.10	5	*			
TA20-020-26-xx		230VAC/60Hz	8.84	2.00	4	*			9.75
TA10-033-16-xx	3300 BTU/H	115VAC/60Hz	16.00	4.80	12	*			14.25
TA10-033-46-xx		460VAC/60Hz	16.00	1.30	3	*			
TA10-050-26-xx	4390 BTU/H	230VAC/60Hz	19.15	3.76	10	*	Spring terminal block 16-6 AWG	R422d	12.50
TA10-050-46-xx		460VAC/60Hz	9.18	1.86	5	160kA			
TA10-045-16-xx	4535 BTU/H	115VAC/60Hz	32.30	6.82	12	*	Spring terminal block 24-8 AWG	R134a	14.00
TA10-045-46-xx		460VAC/60Hz	7.74	1.70	3	*			
TA10-059-16-xx	5910 BTU/H	115VAC/60Hz	32.30	6.14	12	*	Spring terminal block 16-6 AWG		15.00
TA10-060-16-xx	7580 BTU/H	115VAC/60Hz	42.41	7.83	25	*		R422d	18.00
TA10-060-26-xx		230VAC/60Hz	21.15	4.80	12	*			
TA10-060-46-xx		460VAC/60Hz	10.13	1.80	5	160kA			

Note: * Voltage variation no greater than ± 10% from nameplate rating and Frequency variation no greater than ± 3Hz from nameplate rating.

TA10 Series Enclosure Air Conditioners, Frame Size TA10-2

NEMA 12 Construction

- Fabricated from 16-gauge cold-rolled steel
- ANSI 61 gray polyester powder coating inside and out
- Pre-cut mounting gasket included, to be field installed
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

NEMA 4 Construction

- Fabricated from 16-gauge cold-rolled steel
- ANSI 61 gray polyester powder coating inside and out
- Pre-cut mounting gasket installed for NEMA/UL type rating on all units
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

NEMA 4X Construction

- Fabricated from 16-gauge 304 stainless steel
- Pre-cut mounting gasket installed for NEMA/UL type rating on all units
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

Features

- Fits 12in deep enclosures that have smooth/flat sides. Check enclosure dimensions/specifications before ordering
- Protective coated condenser coils on NEMA 4 and 4X for corrosion resistance

Listings

- UL File: SA33404
- UL 50, 12, 4, and
- Made in USA

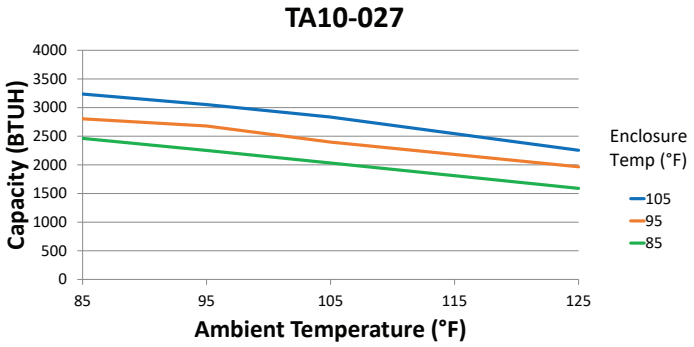


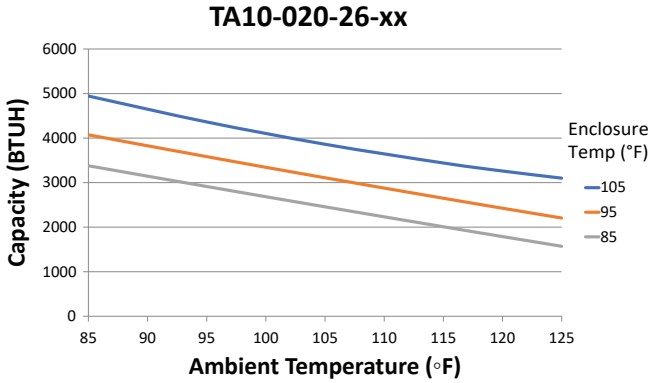
TA10 Enclosure Air Conditioners, Frame Size TA10-2											
NEMA 12	Price	Drawing Link	NEMA 4	Price	Drawing Link	NEMA 4X	Price	Drawing Link	Nominal Cooling Capacity (BTU/H)	Operating Voltage	Weight (lb)
TA10-027-16-12	$;;005p!5:	PDF	TA10-027-16-04	$;;005p!6:	PDF	TA10-027-16-4X	$;;005p!7:	PDF	2680	115VAC/60Hz	65
TA10-027-46-12	$;;005p!8:	PDF	TA10-027-46-04	$;;005p!9:	PDF	TA10-027-46-4X	$;;005p!a:	PDF		460VAC/60Hz	99
TA10-033-16-12	$;;005p!g:	PDF	TA10-033-16-04	$;;005p!n:	PDF	TA10-033-16-4X	$;;;005p!t:	PDF	3300	115VAC/60Hz	65
TA10-033-46-12	$;;005p!u:	PDF	TA10-033-46-04	$;;005p!b:	PDF	TA10-033-46-4X	$;;005p!c:	PDF		460VAC/60Hz	99
TA10-045-16-12	$;;005p!d:	PDF	TA10-045-16-04	$;;005p!e:	PDF	TA10-045-16-4X	$;;;005p!f:	PDF	4535	115VAC/60Hz	65
TA10-045-46-12	$;;005p!h:	PDF	TA10-045-46-04	$;;-005p!i:	PDF	TA10-045-46-4X	$;;-005p!j:	PDF		460VAC/60Hz	99

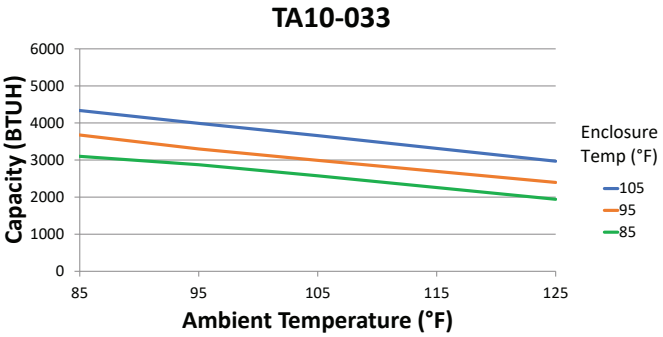
Note: * Voltage variation no greater than ± 10% from nameplate rating and Frequency variation no greater than ± 3Hz from nameplate rating.

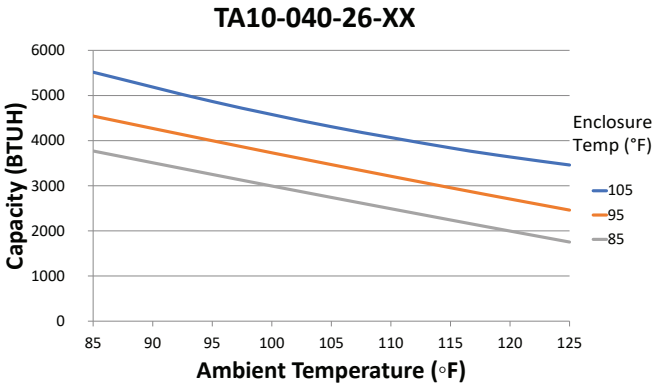
TA10 Series Enclosure Air Conditioners, Frame Size TA10-2

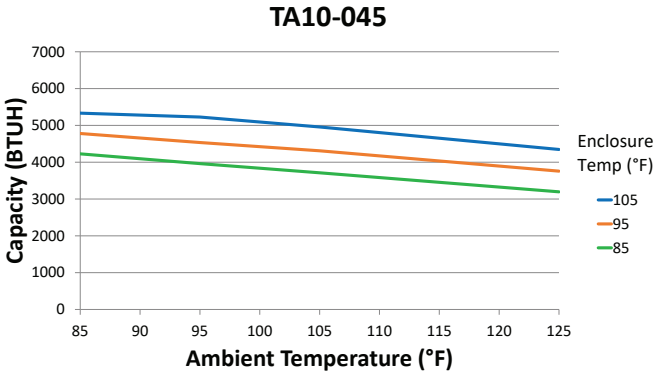
Air Conditioner Performance Curves











TA10 Series Enclosure Air Conditioners, Frame Size TA10-3

NEMA 12 Construction

- Fabricated from 16-gauge cold-rolled steel
- ANSI-61 gray polyester powder coating inside and out
- Pre-cut mounting gasket included, to be field installed
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

NEMA 4 Construction

- Fabricated from 16-gauge cold-rolled steel
- ANSI-61 gray polyester powder coating inside and out
- Pre-cut mounting gasket installed for NEMA/UL type rating on all units
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

NEMA 4X Construction

- Fabricated from 16-gauge 304 stainless steel
- Pre-cut mounting gasket installed for NEMA/UL type rating on all units
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

Features

- Fits 12in deep enclosures that have smooth/flat sides. Check enclosure dimensions/specifications before ordering
- Protective coated condenser coils on NEMA 4 and 4X for corrosion resistance

Listings

- UL File: SA33404
- UL 50, 12, 4, and 4X
- Made in USA



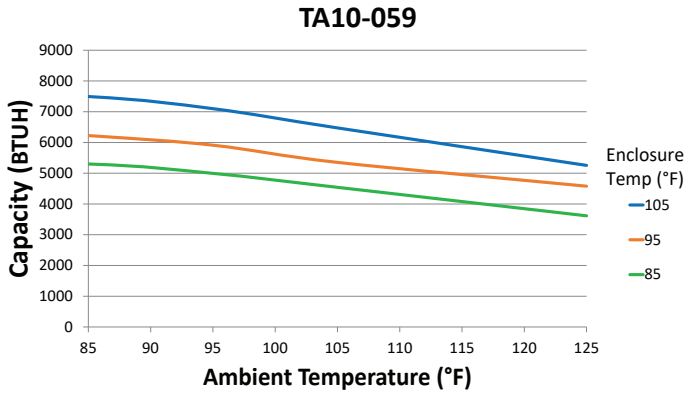
TA10-059-16-4X

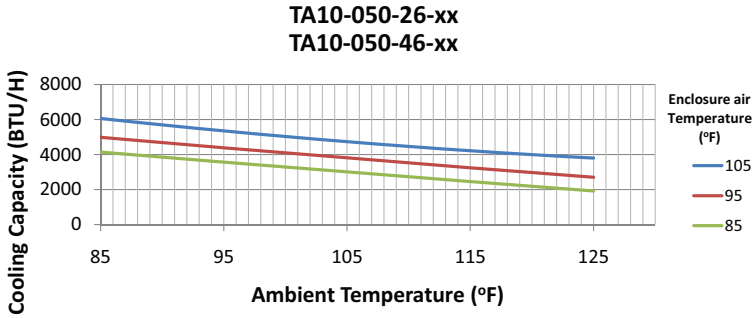
TA10 Enclosure Air Conditioners, Frame Size TA10-3											
NEMA 12	***Price***	***Drawing Link***	***NEMA 4***	***Price***	***Drawing Link***	***NEMA 4X***	***Price***	***Drawing Link***	***Nominal Cooling Capacity (BTU/H)***	***Operating Voltage***	***Weight (lb)***
TA10-050-26-12	$;000ag_:	PDF	***TA10-050-26-04***	$;;000ag[:	PDF	***TA10-050-26-4X***	$;000ag#:	PDF	***4390***	230VAC/60Hz	92
TA10-050-46-12	$;000ag?:	PDF	***TA10-050-46-04***	$;;000ag!:	PDF	***TA10-050-46-4X***	$;;000ag,:	PDF		460VAC/60Hz	136
TA10-059-16-12	$;;005p!k:	PDF	***TA10-059-16-04***	$;;-005p!l:	PDF	***TA10-059-16-4X***	$;;005p!o:	PDF	5910	115VAC/60Hz	97
TA10-060-16-12	$;000ah1:	PDF	***TA10-060-16-04***	$;000ah0:	PDF	***TA10-060-16-4X***	$;000ah2:	PDF	7580	115VAC/60Hz	
TA10-060-26-12	$;000ah4:	PDF	***TA10-060-26-04***	$;000ah3:	PDF	***TA10-060-26-4X***	$;000ah5:	PDF		230VAC/60Hz	98
TA10-060-46-12	$;000ah7:	PDF	***TA10-060-46-04***	$;000ah6:	PDF	***TA10-060-46-4X***	$;000ah8:	PDF		460VAC/60Hz	142

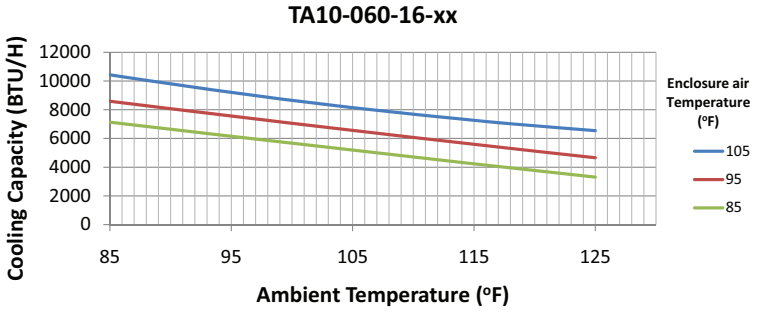
Note: * Voltage variation no greater than ± 10% from nameplate rating and Frequency variation no greater than ± 3Hz from nameplate rating.

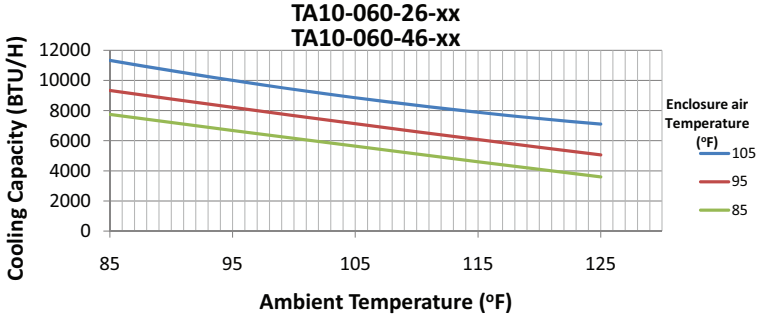
TA10 Series Enclosure Air Conditioners, Frame Size TA10-3

Air Conditioner Performance Curves









TA20 Series Enclosure Compact Air Conditioners, Frame Size TA20-0

NEMA 12 Construction

- Fabricated from 16-gauge cold-rolled steel
- ANSI-61 gray polyester powder coating inside and out
- Pre-cut mounting gasket included, to be field installed
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

NEMA 4 Construction

- Fabricated from 16-gauge cold-rolled steel
- ANSI-61 gray polyester powder coating inside and out
- Pre-cut mounting gasket installed for NEMA/UL type rating on all units
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

NEMA 4X Construction

- Fabricated from 16-gauge 304 stainless steel
- Pre-cut mounting gasket installed for NEMA/UL type rating on all units
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

Features

- Fits 7 or 8in deep enclosures that have smooth/flat sides. Check enclosure dimensions/specifications before ordering
- Protective coated condenser coils on NEMA 4 and 4X for corrosion resistance
- Dual condenser coils; does not require filters

Listings

- UL File: SA33404
- UL 50, 12, 4, and 4X
- Made in USA

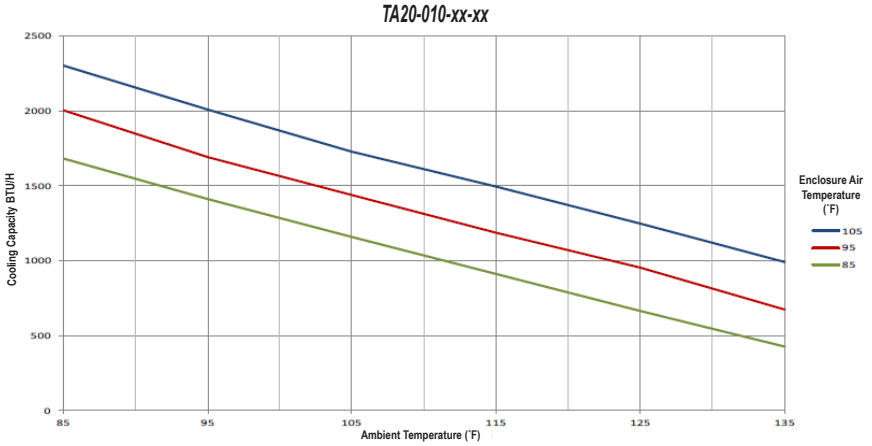


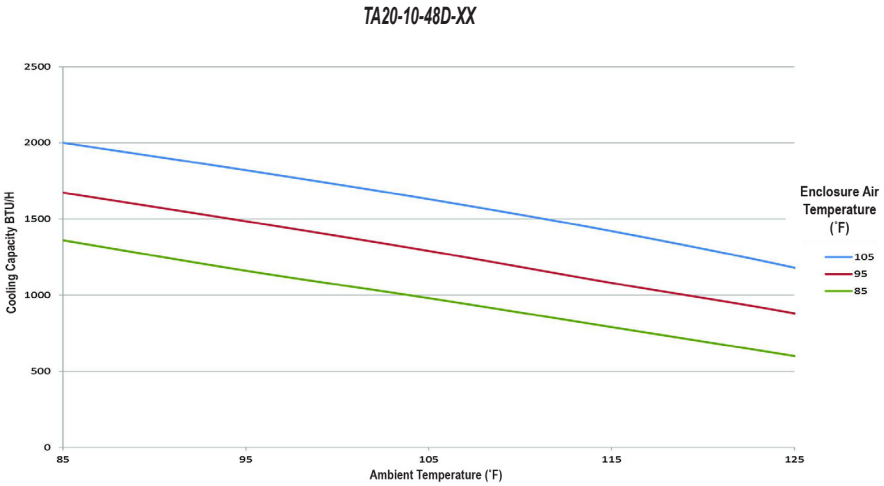
TA20-10-48D-12

TA20 Enclosure Compact Air Conditioners, Frame Size TA20-0								
NEMA 12	***Price***	***NEMA 4***	***Price***	***NEMA 4X***	***Price***	***Nominal Cooling Capacity (BTU/H)***	***Operating Voltage***	***Weight (lb)***
TA20-010-16-12	$;0012o6:	***TA20-010-16-04***	$;0012oa:	***TA20-010-16-4X***	$;0012oe:	1000	115VAC/60Hz	31
TA20-010-48D-12	$;0012o7:	***TA20-010-48D-04***	$;0012ob:	***TA20-010-48D-4X***	$;;0012of:		48VDC	30
Note: * Voltage variation no greater than ± 10% from nameplate rating and Frequency variation no greater than ± 3Hz from nameplate rating.								

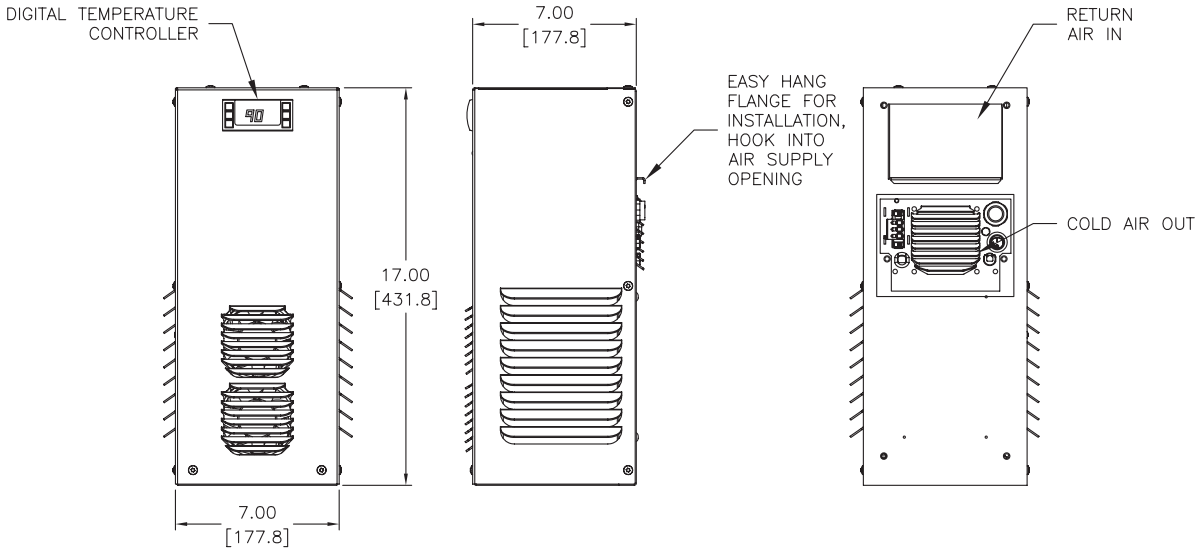
TA20 Series Enclosure Compact Air Conditioners, Frame Size TA20-0

Air Conditioner Performance Curves





Dimensions



TA20 Series Enclosure Compact Air Conditioners, Frame Size TA20-1

NEMA 12 Construction

- Fabricated from 16-gauge cold-rolled steel
- ANSI-61 gray polyester powder coating inside and out
- Pre-cut mounting gasket included, to be field installed
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

NEMA 4 Construction

- Fabricated from 16-gauge cold-rolled steel
- ANSI-61 gray polyester powder coating inside and out
- Pre-cut mounting gasket installed for NEMA/UL type rating on all units
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

NEMA 4X Construction

- Fabricated from 16-gauge 304 stainless steel
- Pre-cut mounting gasket installed for NEMA/UL type rating on all units
- All mounting hardware, full-size template and instruction manual included
- Power input terminal block on all models

Features

- Fits 10in deep enclosures that have smooth/flat sides. Check enclosure dimensions/specifications before ordering
- Protective coated condenser coils for NEMA 4 and 4X corrosion resistance

Listings

- UL File: SA33404
- UL 50, 12, 4, and 4X
- Made in USA

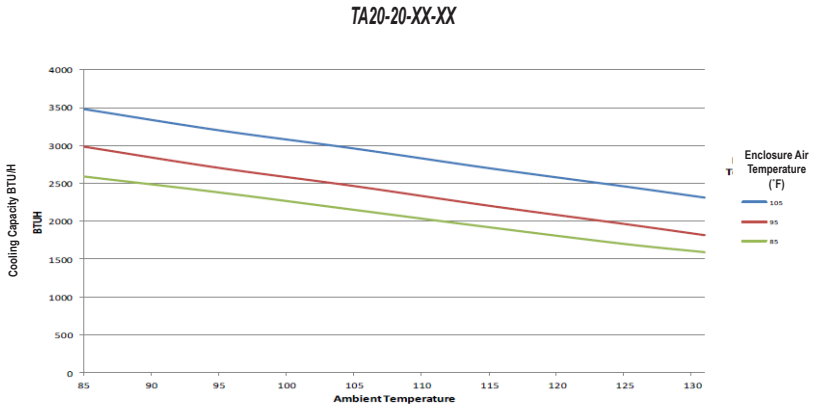


TA20-20-16-12

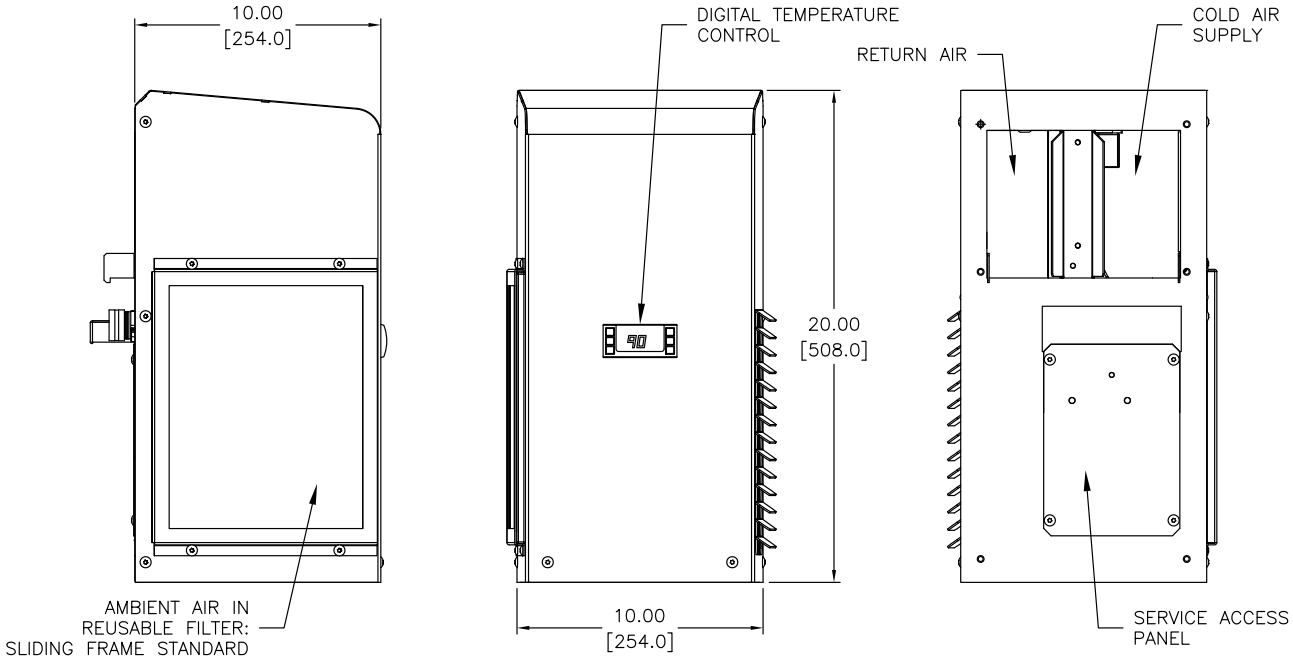
TA20 Enclosure Compact Air Conditioners, Frame Size TA20-1								
NEMA 12	*Price*	*NEMA 4*	*Price*	*NEMA 4X*	*Price*	*Nominal Cooling Capacity (BTU/H*	*Operating Voltage*	*Weight (lb)*
TA20-020-16-12	$;0012o8:	***TA20-020-16-04***	$;0012oc:	***TA20-020-16-4X***	$;0012og:	2000	120VAC/60Hz	44
—	—	—	—	***TA20-020-26-4X***	$;0012oh:		230VAC/60Hz	49
Note: * Voltage variation no greater than ± 10% from nameplate rating and Frequency variation no greater than ± 3Hz from nameplate rating.								

TA20 Series Enclosure Compact Air Conditioners, Frame Size TA20-1

Air Conditioner Performance Curves

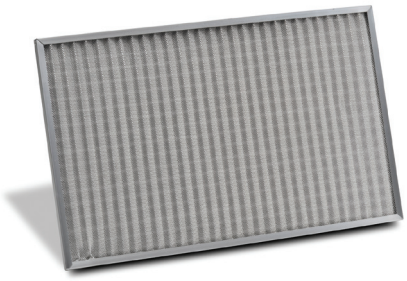


Air Conditioner Dimensions



Air Conditioners Filters

Replacement Filters



TA10-FILTER-3



TA20-FILTER-1

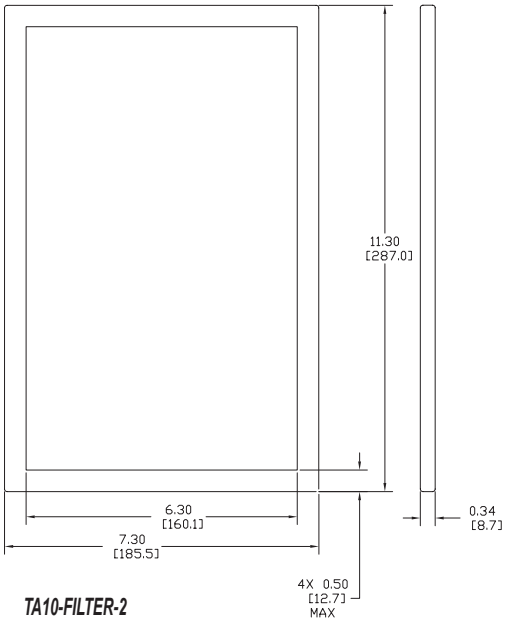
Replacement filters are identical to the original filters supplied with the air conditioners. Clean/replace the filter regularly to keep the air conditioner working at its highest efficiency.

Features

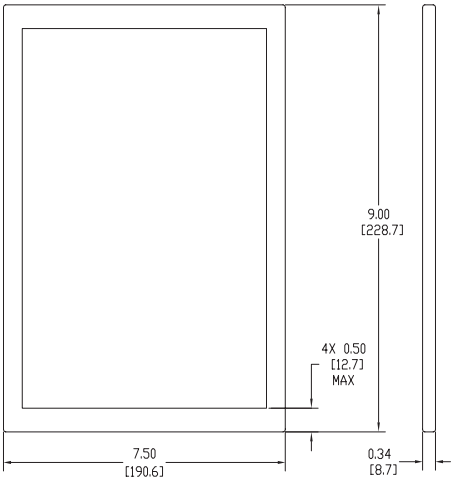
- 250 micron expanded aluminum filter element
- 60% filter efficiency
- Washable and reusable

Air Conditioner Filters			
Part Number	**Price**	**Description**	**Frame Size**
TA10-FILTER-1	$0ah9:	Replacement filter for TA10 series air conditioning units, 1000 to 1500 BTU/H	TA10-1
TA10-FILTER-2	$0aha:	Replacement filter for TA10 series air conditioning units, 2000 to 4000 BTU/H	TA10-2
TA10-FILTER-3	$0ahb:	Replacement filter for TA10 series air conditioning units, 5000 to 6000 BTU/H	TA10-3
TA20-FILTER-1	$-12oj:	Replacement filter for TA20 series air conditioning units, 2000 BTU/H	TA20-1

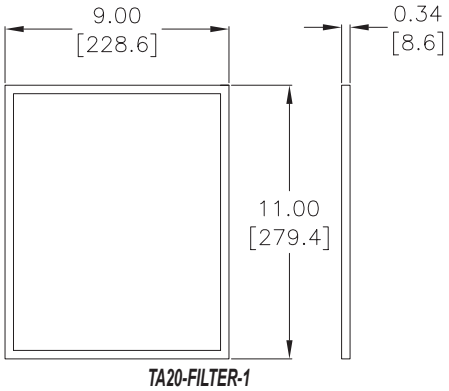
Dimensions



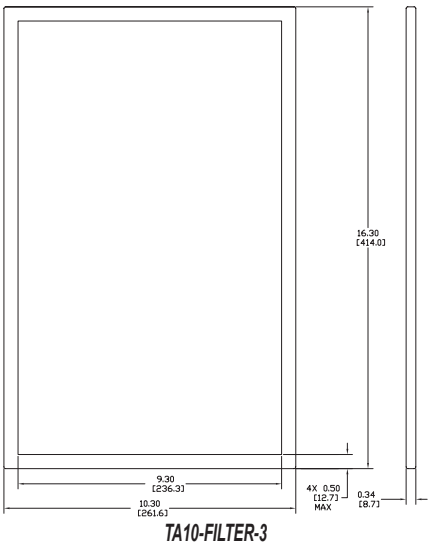
TA10-FILTER-2



TA10-FILTER-1



TA20-FILTER-1



TA10-FILTER-3

2.0in [51mm] Louvered Frame and Filter Kits



TA20-LVFL-1-4X

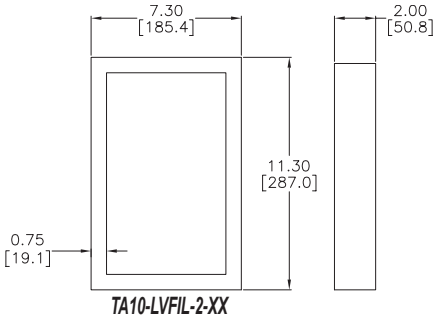
2.0in [51mm] louvered frame and filter kits are ideal in food processing or dirty environments where filter maintenance is crucial. Stratus offers extended surface, 2.0in [51mm] deep filter and sliding filter frame assemblies. In wash-down applications, stainless steel filters are preferred over aluminum filters.

Features

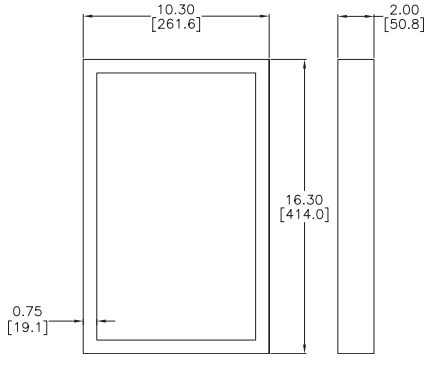
- 2in louvered frame and filter kit
- 250 micron stainless steel mesh filter
- 97% efficiency extends filter capacity 400%
- Washable and reusable
- Deep filter frames easily retrofitted on existing units with standard filters using the same mounting hole and screws on your unit

Air Conditioner Filters			
Part Number	***Price***	***Description***	***Frame Size***
TA10-LVFIL-2-04	$-012ol:	Stratus louvered filter frame assembly, carbon steel, ANSI 61 gray finish, with filter, washable, 2in filter depth, 250 micron stainless steel mesh, 97% filter efficiency. For use with 2000-4000 BTU/H TA10 series enclosure air conditioners on NEMA 4 or NEMA 12 enclosures.	TA10-2
TA10-LVFIL-3-04	$012on:	Stratus louvered filter frame assembly, carbon steel, ANSI 61 gray finish, with filter, washable, 2in filter depth, 250 micron stainless steel mesh, 97% filter efficiency. For use with 5000-6000 BTU/H TA10 series enclosure air conditioners on NEMA 4 or NEMA 12 enclosures.	TA10-3
TA10-LVFIL-2-4X	$012op:	Stratus louvered filter frame assembly, 304 stainless steel, with filter, washable, 2in filter depth, 250 micron stainless steel mesh, 97% filter efficiency. For use with 2000-4000 BTU/H TA10 series enclosure air conditioners on NEMA 4X enclosures.	TA10-2
TA10-LVFIL-3-4X	$012oq:	Stratus louvered filter frame assembly, 304 stainless steel, with filter, washable, 2in filter depth, 250 micron stainless steel mesh, 97% filter efficiency. For use with 5000-6000 BTU/H TA10 series enclosure air conditioners on NEMA 4X enclosures.	TA10-3
TA20-LVFIL-1-04	$012ok:	Stratus louvered filter frame assembly, carbon steel, ANSI 61 gray finish, with filter, washable, 2in filter depth, 250 micron stainless steel mesh, 97% filter efficiency. For use with 2000 BTU/H TA20 series enclosure air conditioners on NEMA 4 or NEMA 12 enclosures.	TA20-1
TA20-LVFIL-1-4X	$012oo:	Stratus louvered filter frame assembly, 304 stainless steel, with filter, washable, 2in filter depth, 250 micron stainless steel mesh, 97% filter efficiency. For use with 2000 BTU/H TA20 series enclosure air conditioners on NEMA 4X enclosures.	TA20-1

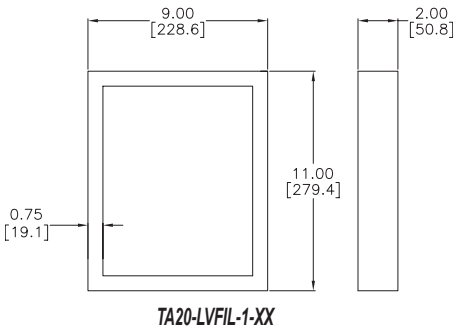
Dimensions



TA10-LVFIL-2-XX



TA10-LVFIL-3-XX



TA20-LVFIL-1-XX

DTS 3000 Series Air Conditioners

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY



Applications

Pfannenberg air conditioners utilize closed-loop cooling in tough industrial or outdoor applications with service-friendly designed cooling units. Whether in washdown locations or control rooms, the DTS Series' key internal electronics are positioned away from potentially moist and/or caustic air in tough industrial applications.

Construction

- Carbon Steel units:
  - Galvanized sheet steel
  - For use with NEMA 3R, 4, or 12 enclosures
  - Units are electrostatically powder coated RAL7035 light gray
- Stainless Steel units:
  - #3 polish, 304 stainless steel
  - For use with NEMA 4, 4X, and 12 enclosures
  - Epoxy coating on all exposed copper tubing to complement the electrostatically-coated condensers
- Threaded holes for lifting lug ports on larger units
- Electrical controls are easily accessible with the flip down access panel
- High airflow backward curve impeller fan provides high airflow in a long lasting, single bearing design
- Utilizes HFC-free R-134a refrigerant

Features

- Large condenser fin spacing allows for longer maintenance periods.
- Can operate in ambient temperatures of 32°F to 131°F (0°C to 55°C) (DTS 3021/32/31SS have a max temp of 114°F / 45°C).
- Compressor and fan motors are outfitted with integral temperature switches to shut down the unit as thermal overload protection.
- Three-phase 400/460 VAC powered units are protected from phase mis-wiring.
- Active condensate management via the PTC heated condensate collection pan that boils off condensation thereby eliminating the need for drain tubes and buckets. To conserve power, the heater only activates when necessary.
- High pressure cutout switch ensures safety by shutting off the compressor in the event of excessive pressure appearing in the refrigeration circuit.

Listings

- cULus Listed File: SA10300.
- cULus Recognized Type 3R, 4, 4X & 12 [File SA10300]

DTS 3000 Series Air Conditioners

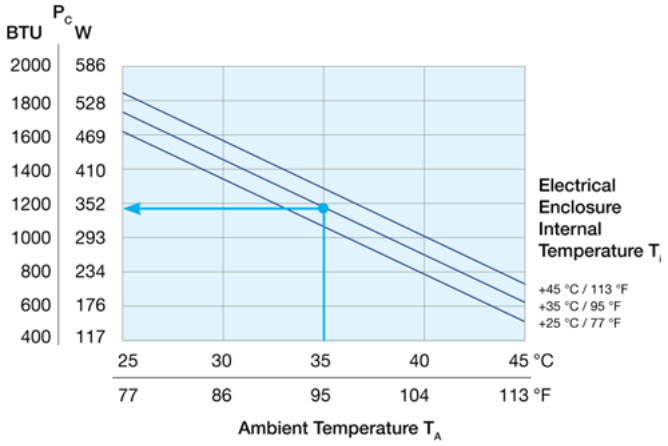
Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

DTS 3000 Series Air Conditioners									
Part Number	Price	Series	Nominal Cooling Capacity	Operating Voltage	Running Current	Housing Material	IP Rating	Unit Weight	Drawing Link
13383144355	$;006hv4:	DTS 3031	1200 BTU/H	115 VAC	3.3A	Carbon Steel	IP56	30.0 lbs	PDF
13383144255	$;006hv3:	DTS 3021					IP54		PDF
13383144158	$;006hv5:	DTS 3031 SS				304 Stainless Steel	IP56		PDF
13382336355	$;006hv9:	DTS 3061	2700 BTU/H	460 VAC	0.76A	Carbon Steel	IP56	61.7 lbs	PDF
13382344355	$;006hv8:	DTS 3061		115 VAC	3.12A			50.6 lbs	PDF
13382336255	$;006hv7:	DTS 3041		460 VAC	0.76A		IP54	61.7 lbs	PDF
13382344255	$;006hv6:	DTS 3041		115 VAC	3.12A			50.6 lbs	PDF
13382336158	$;006hvb:	DTS 3081		460 VAC	0.76A	304 Stainless Steel	IP56	66.2 lbs	PDF
13382344300	$;006hva:	DTS 3081		115 VAC	3.12A			55.0 lbs	PDF

Performance Graphs

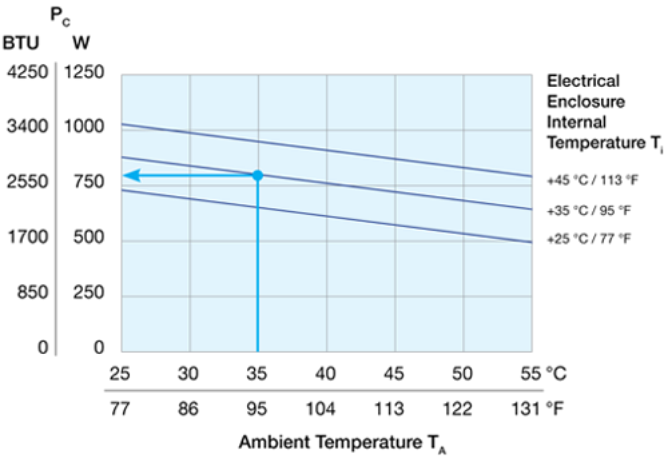


DTS 3021, DTS 3031, DTS 3031 SS





DTS 3041, DTS 3061, DTS 3081



DTS 3000 Series Air Conditioners

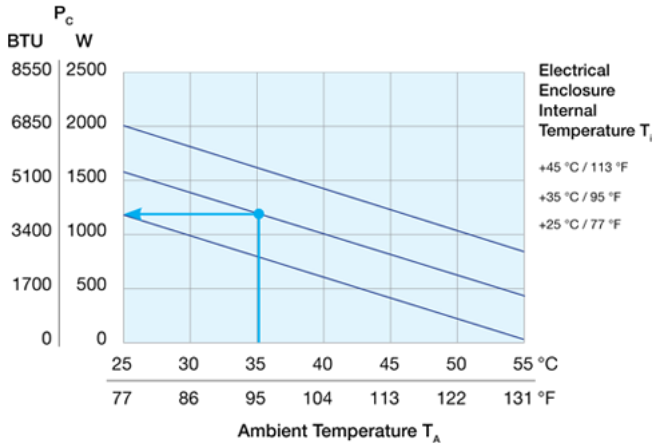
Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

DTS 3000 Series Air Conditioners									
Part Number	Price	Series	Nominal Cooling Capacity	Operating Voltage	Running Current	Housing Material	IP Rating	Unit Weight	Drawing Link
13385436355	$;;006hvf:	DTS 3161	4100 BTU/H	460 VAC	2.25A	Carbon Steel	IP56	92.4 lbs	PDF
13385444355	$;006hve:	DTS 3161		115 VAC	7.51A			88.0 lbs	PDF
13385436255	$;006hvd:	DTS 3141		460 VAC	2.25A		IP54	88.0 lbs	PDF
13385444255	$;006hvc:	DTS 3141		115 VAC	7.51A			83.6 lbs	PDF
13385436158	$;006hvh:	DTS 3181		460 VAC	2.25A	304 Stainless Steel	IP56	96.8 lbs	PDF
13385444158	$;006hvg:	DTS 3181		115 VAC	7.51A			92.4 lbs	PDF
13383636355	$;-006hvl:	DTS 3165	7000 BTU/H	460 VAC	1.88A	Carbon Steel	IP56	107.8 lbs	PDF
13383644355	$;006hvk:	DTS 3165		115 VAC	10.64A				PDF
13383636255	$;-006hvj:	DTS 3145		460 VAC	1.88A		IP54		PDF
13383644255	$;-006hvi:	DTS 3145		115 VAC	10.64A				PDF
13383636158	$;006hvo:	DTS 3185		460 VAC	1.88A	304 Stainless Steel	IP56		PDF
13383644158	$;006hvn:	DTS 3185		115 VAC	10.64A				PDF

Performance Graphs

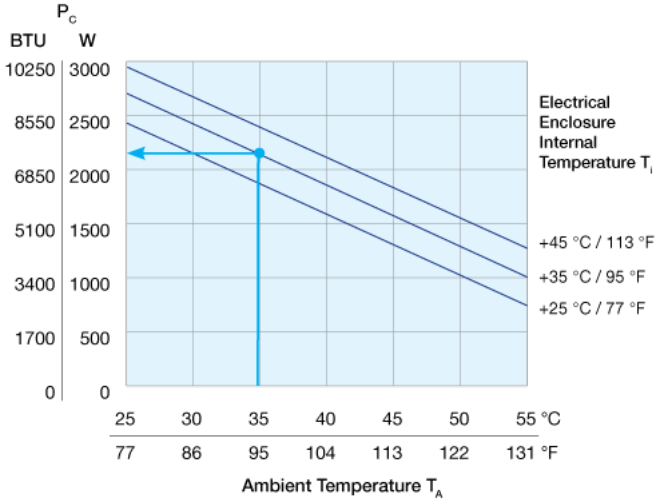
DTS 3141, DTS 3161, DTS 3181





DTS 3145, DTS 3165, DTS 3185





DTS 3000 Series Air Conditioners

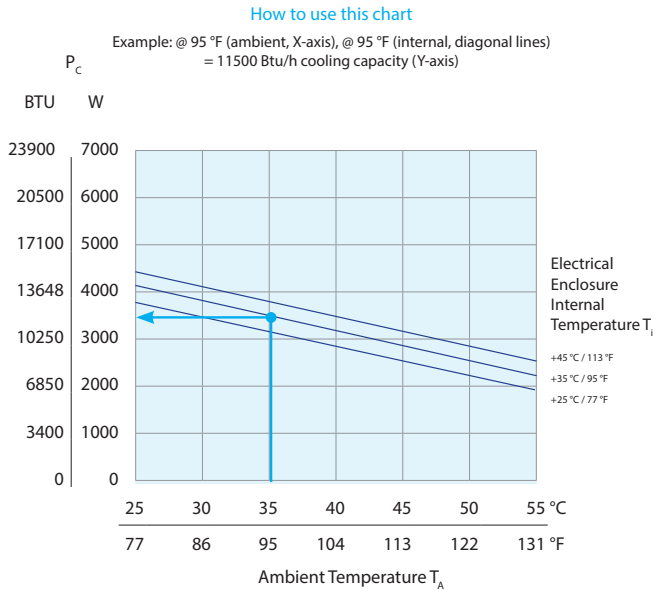
Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

DTS 3000 Series Air Conditioners									
Part Number	**Price**	**Series**	**Nominal Cooling Capacity**	**Operating Voltage**	**Running Current**	**Housing Material**	**IP Rating**	**Unit Weight**	**Drawing Link**
13383836355	$;;006hvt:	DTS 3265	11500 BTU/H	460 VAC	3.14A	Carbon Steel	IP56	149.6 lbs	PDF
13383844355	$;006hvs:	DTS 3265		115 VAC	13.6A				PDF
13383836255	$;006hvq:	DTS 3245		460 VAC	3.14A		IP54		PDF
13383844255	$;006hvp:	DTS 3245		115 VAC	13.6A				PDF
13383836158	$;006hvv:	DTS 3285		460 VAC	3.14A	304 Stainless Steel	IP56		PDF
13383844158	$;006hvu:	DTS 3285		115 VAC	13.6A				PDF
13384136355	$;006hvy:	DTS 3461C	20000 BTU/H	460 VAC	4.06A	Carbon Steel	IP56	210.1 lbs	PDF
13384136255	$;006hvx:	DTS 3441C					IP54	201.5 lbs	PDF
13384136158	$;0006hvz:	DTS 3481C				304 Stainless Steel	IP56	210.1 lbs	PDF
13384036355	$;;0006hv[:	DTS 3661C	25000 BTU/H	460 VAC	5.18A	Carbon Steel	IP56	234.8 lbs	PDF
13384036255	$;;006hv]:	DTS 3641C					IP54	226.2 lbs	PDF
13384036158	$;0006hv_:	DTS 3681C				304 Stainless Steel	IP56	234.8 lbs	PDF

Performance Graphs



DTS 3245, DTS 3265, DTS 3285



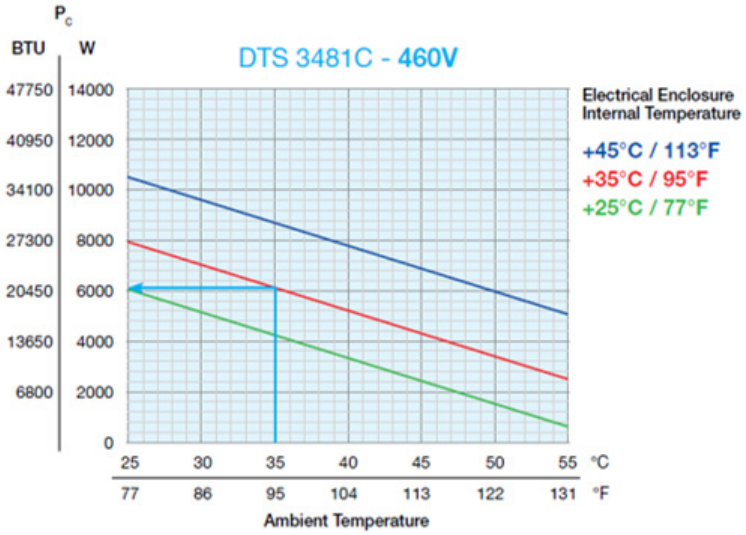
DTS 3000 Series Air Conditioners

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

Performance Graphs

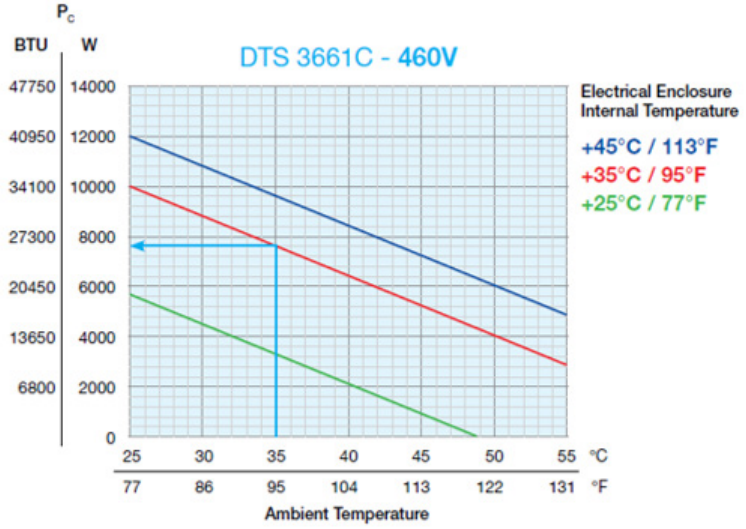


DTS 3441C, DTS 3461C, DTS 3481C





DTS 3641C, DTS 3661C, DTS 3681C



DTT 6000 Series Top Mount Air Conditioners

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY



Applications

Pfannenberg's DTT Series top-mounted cooling units are 100% condensate safe. These units are ideal for space-saving installation on the top of the control enclosure.

One of the main features of the DTT's innovative condensate management design is the repositioning of the cooling circuits. Moving the cold area up prevents condensation from forming in the cabinet where the cooling unit meets the enclosure. A widened airflow in the evaporator stops the formation of condensate buildup.

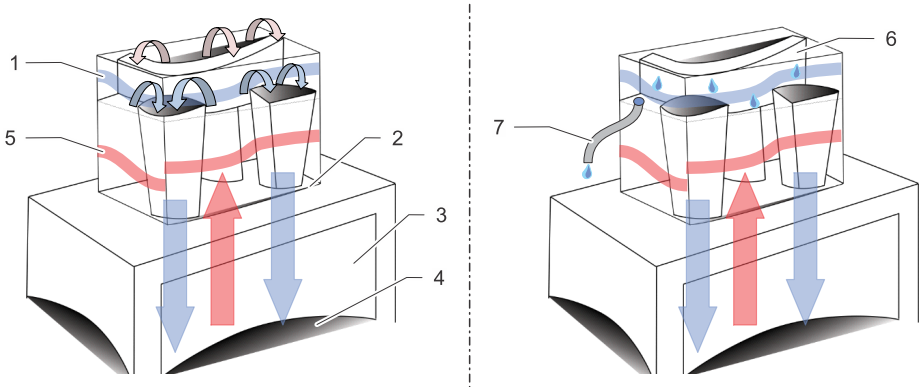
Return air channels are engineered to increase the speed of the air leaving the cooling unit, ensuring cool air is effectively distributed moisture-free within the enclosure.

Construction

- Galvanized sheet steel.
- For use with NEMA 12 enclosures.
- Units are electrostatically powder coated RAL 7035 light gray.
- Electrical controls are easily accessible with the flip down access panel.
- HFC-free R-134a refrigerant.
- Active condensate management utilizes a PTC heater.
- Can operate in ambient temperatures of 59°F to 131°F (15°C to 55°C).

Listings

- cULus Listed File: SA10300.
- cULus Recognized Type 12 [File SA10300]



Arrangement of refrigeration circuits

Condensate separation

The main feature of the DTT-cooling units is the repositioning of the refrigeration circuits.

The cold circuit (1) is on top and the warm circuit (5) on the bottom. No cold bridge (2) to the switch cabinet (3) can occur and therefore no condensate forms in the enclosure interior (4).

The evaporator unit (6) is located in the upper section of the DTT-cooling unit so that vertical separation of condensate is possible. The condensate has no contact with the enclosure.

For safety reasons, the condensate evaporator has a drain nozzle with drain hose (7) through which the excess condensate is discharged from the unit.

DTT 6000 Series Top Mount Air Conditioners

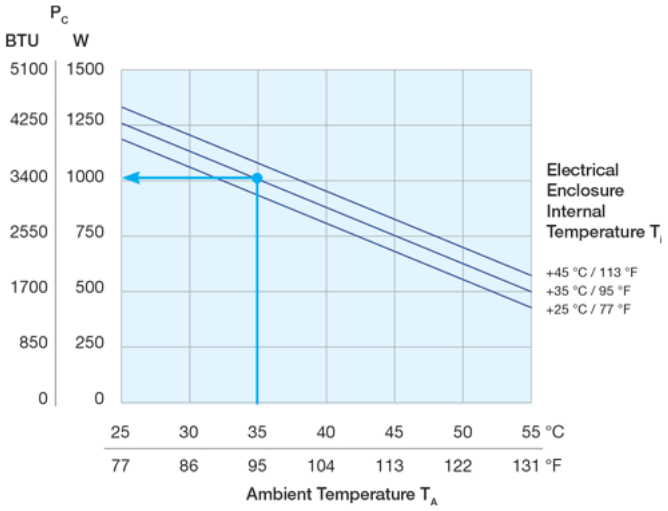
Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

DTT 6000 Series Top Mount Air Conditioners								
Part Number	*Price*	*Model*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*Unit Weight*	*Drawing Link*
13256279055	$;;006hv,:	DTT 6201	3570 BTU/H	460 VAC	6.2 A	1.7A	90.2 lbs	PDF
13256462055	$;006hv?:	DTT 6401	7100 BTU/H	460 VAC	12A	3.3A	112.2 lbs	PDF
13256662055	$;;006hv!:	DTT 6601	10000 BTU/H	460 VAC	9.9 A	4.5A	165.0 lbs	PDF
13256862055	$;006hv#:	DTT 6801	14000 BTU/H	460 VAC	19.5 A	4.5A	169.4 lbs	PDF

Performance Graphs



DTT 6201

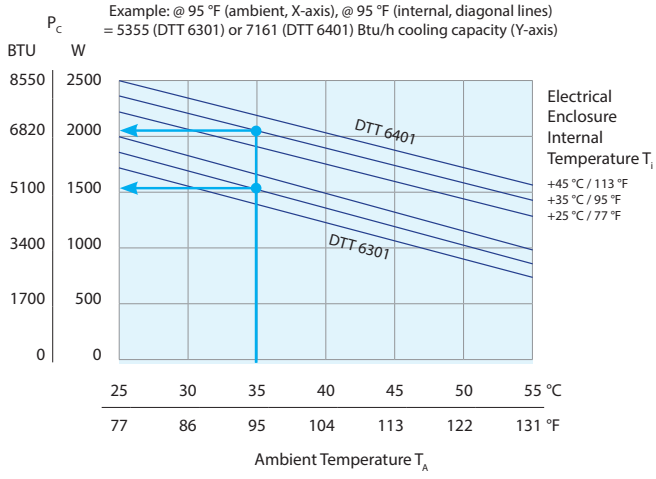




DTT 6401

How to use this chart

Example: @ 95 °F (ambient, X-axis), @ 95 °F (internal, diagonal lines) = 5355 (DTT 6301) or 7161 (DTT 6401) Btu/h cooling capacity (Y-axis)



Note: Cooling capacity may vary between voltage and configurations.

DTT 6000 Series Top Mount Air Conditioners

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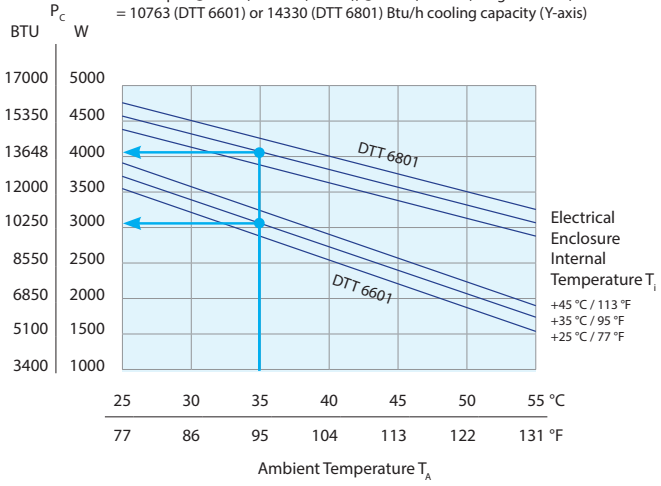
Performance Graphs



DTT 6601

How to use this chart

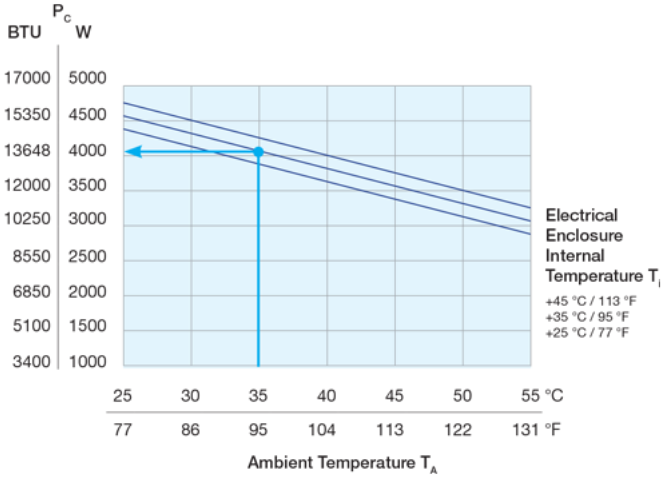
Example: @ 95 °F (ambient, X-axis), @ 95 °F (internal, diagonal lines)
= 10763 (DTT 6601) or 14330 (DTT 6801) Btu/h cooling capacity (Y-axis)



Note: Cooling capacity may vary between voltage and configurations.



DTT 6801



PQF Air Conditioner Filter Rolls

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ELECTRO-TECHNOLOGY FOR INDUSTRY

Overview

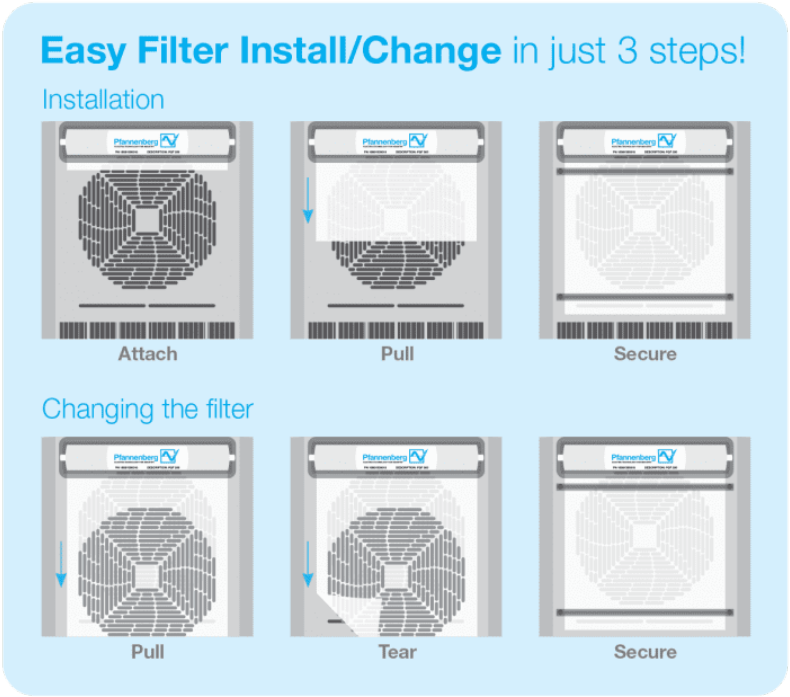
The PQF is a new way to filter out particulates and oily mist from an air inlet on your critical equipment. The magnetic strips allow easy, toolless installation with no interruption to your production time. It is installed on the outside of your equipment making it easy to see when the filter is clogged. Changing the filter takes less than 5 seconds and requires no training or shutdown procedure. Each PQF roll has 60 tearable square sheets.

For use with all air conditioners with a flat mounting surface.



18881500018

PQF Air Conditioner Filter Rolls		
Part Number	*Price*	*Filter Sheet Size*
18881500018	$06hx7:	8 x 8in
18881500019	$06hx8:	12 x 12in
18881500020	$06hx9:	16 x 16in



Enviro-Therm® Series Air Conditioners

SAGINAW CONTROL & ENGINEERING
Your Enclosure Source ®

Applications

Enviro-therm® air conditioners are designed with an internal closed loop system to provide protection from dust, oil and water. For indoor and outdoor application. Rugged, energy efficient, and reliable cooling system.

Construction

- Heavy gauge steel/stainless steel.
- 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.
- Carbon Steel units are painted RAL7035 Light Gray
- All 460 VAC units have an SCCR of 5kA
- Most units are available in 115, 230, or 460 VAC (+/- 10%) operating voltages

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 R-513a or R-134a refrigerant.

Listings

- UL File: E498756.



Enviro-Therm® Series Air Conditioners

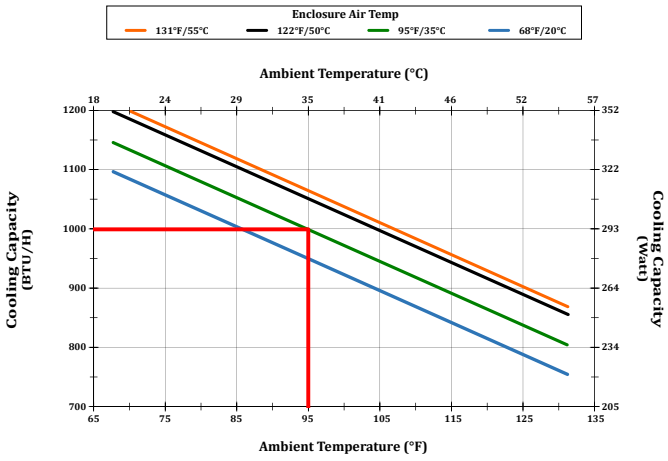
SCE SAGINAW CONTROL & ENGINEERING
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Enviro-Therm® Series Air Conditioners Specifications									
Part Number	*Price*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*For Enclosure NEMA Ratings*	*Housing Material*	*Unit Weight*	*Drawing Links*
SCE-AC1000B120V	$;--005il3:	1000 BTU/H	115 VAC	8A	2.9A	3R, 4 & 12	Carbon Steel	35.0 lbs	PDF
SCE-AC1000B120VSS	$;--005ilo:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC1000B120VSS6	$;-005in8:						316 Stainless Steel		PDF
SCE-AC1000B230V	$;--005il4:		230 VAC	5A	1.5A	3R, 4 & 12	Carbon Steel		PDF
SCE-AC1000B230VSS	$;--005ilp:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC1000B230VSS6	$;-005in9:						316 Stainless Steel		PDF
SCE-AC1870B120V	$;--005il5:	1870 BTU/H	115 VAC	20A	5.6A	3R, 4 & 12	Carbon Steel	71.5 lbs	PDF
SCE-AC1870B120VSS	$;--005ilq:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC1870B120VSS6	$;-005ina:						316 Stainless Steel		PDF
SCE-AC1870B230V	$;--005il6:		230 VAC	10A	2.8A	3R, 4 & 12	Carbon Steel	68.2 lbs	PDF
SCE-AC1870B230VSS	$;--005ils:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC1870B230VSS6	$;-005inb:						316 Stainless Steel		PDF
SCE-AC1870B460V	$;--005il7:		460 VAC	5A	1.6A	3R, 4 & 12	Carbon Steel	71.5 lbs	PDF
SCE-AC1870B460VSS	$;;--005ilt:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC1870B460VSS6	$;-005inc:						316 Stainless Steel		PDF

Performance Graphs

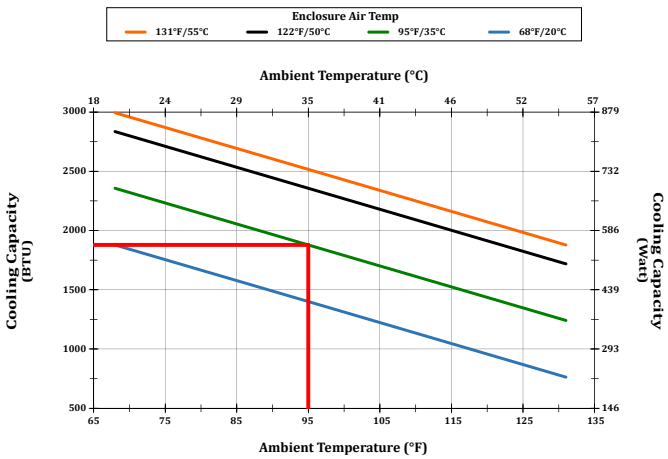


SCE-AC1000 Units





SCE-AC1870 Units



Enviro-Therm® Series Air Conditioners

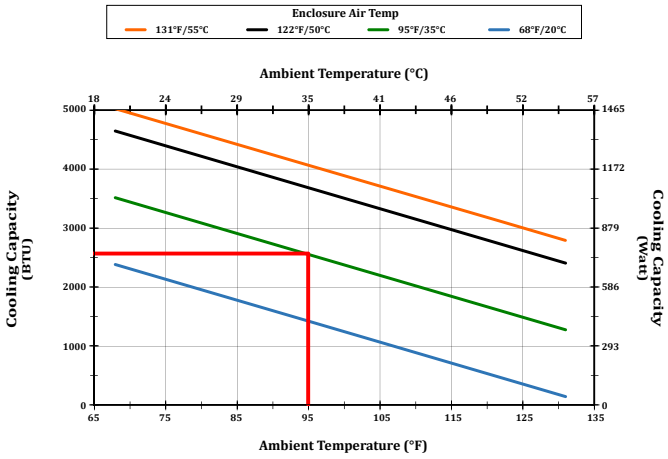
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Enviro-Therm® Series Air Conditioners Specifications									
Part Number	*Price*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*For Enclosure NEMA Ratings*	*Housing Material*	*Unit Weight*	*Drawing Links*
SCE-AC2550B120V	$;-005ik?:	2550 BTU/H	115 VAC	22A	7.4A	3R, 4 & 12	Carbon Steel	71.5 lbs	PDF
SCE-AC2550B120VSS	$;--005ilu:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC2550B120VSS6	$;-005ind:						316 Stainless Steel		PDF
SCE-AC2550B230V	$;;-005ik,:		230 VAC	11A	3.7A	3R, 4 & 12	Carbon Steel	68.2 lbs	PDF
SCE-AC2550B230VSS	$;--005ilv:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC2550B230VSS6	$;-005ine:						316 Stainless Steel		PDF
SCE-AC2550B460V	$;--005il0:		460 VAC	6A	2.1A	3R, 4 & 12	Carbon Steel	71.5 lbs	PDF
SCE-AC2550B460VSS	$;--005ilx:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC2550B460VSS6	$;;-005inf:						316 Stainless Steel		PDF
SCE-AC3400B120V	$;--005il1:	3400 BTU/H	115 VAC	32A	10.8A	3R, 4 & 12	Carbon Steel	91.3 lbs	PDF
SCE-AC3400B120VSS	$;--005ily:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC3400B120VSS6	$;-005ing:						316 Stainless Steel		PDF
SCE-AC3400B230V	$;--005il2:		230 VAC	16A	5.4A	3R, 4 & 12	Carbon Steel	85.8 lbs	PDF
SCE-AC3400B230VSS	$;--005ilz:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC3400B230VSS6	$;-005inh:						316 Stainless Steel		PDF
SCE-AC3400B460V	$;--005il8:		460 VAC	9.2 A	2.9A	3R, 4 & 12	Carbon Steel	91.3 lbs	PDF
SCE-AC3400B460VSS	$;;--005il]:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC3400B460VSS6	$;--005ini:						316 Stainless Steel		PDF

Performance Graphs

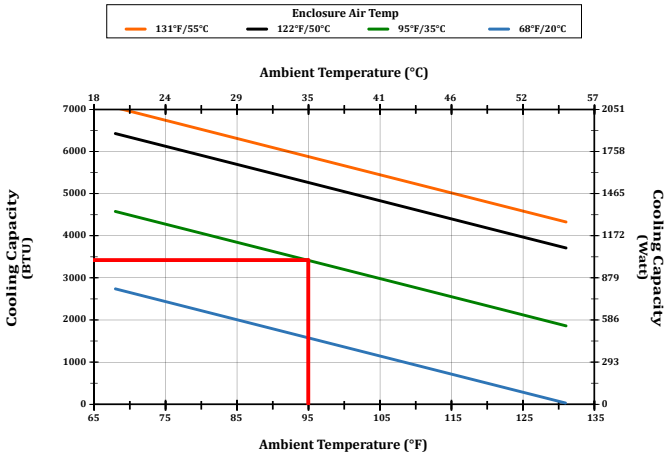


SCE-AC2550 Units





SCE-AC3400 Units



Enviro-Therm® Series Air Conditioners

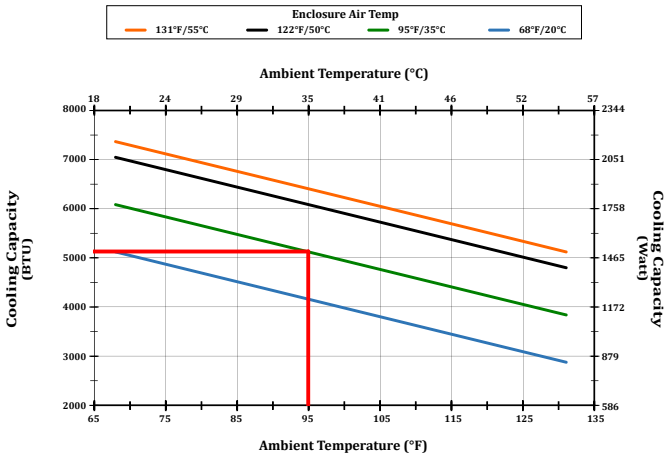
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Enviro-Therm® Series Air Conditioners Specifications									
Part Number	*Price*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*For Enclosure NEMA Ratings*	*Housing Material*	*Unit Weight*	*Drawing Links*
SCE-AC5100B120V	$;--005il9:	5100 BTU/H	115 VAC	32A	14.2A	3R, 4 & 12	Carbon Steel	113.3 lbs	PDF
SCE-AC5100B120VSS	$;;--005il[:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC5100B120VSS6	$;--005inj:						316 Stainless Steel		PDF
SCE-AC5100B230V	$;--005ila:		230 VAC	16A	7.1A	3R, 4 & 12	Carbon Steel	108.9 lbs	PDF
SCE-AC5100B230VSS	$;--005il_:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC5100B230VSS6	$;-005ink:						316 Stainless Steel		PDF
SCE-AC5100B460V	$;--005ilb:		460 VAC	8A	3.6A	3R, 4 & 12	Carbon Steel	113.3 lbs	PDF
SCE-AC5100B460VSS	$;--005il#:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC5100B460VSS6	$;--005inl:						316 Stainless Steel		PDF
SCE-AC6800B120V	$;--005ilc:	6800 BTU/H	115 VAC	32A	17.2A	3R, 4 & 12	Carbon Steel		PDF
SCE-AC6800B120VSS	$;;--005il!:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC6800B120VSS6	$;-005inn:						316 Stainless Steel		PDF
SCE-AC6800B230V	$;--005ild:		230 VAC	16A	8.6A	3R, 4 & 12	Carbon Steel	108.9 lbs	PDF
SCE-AC6800B230VSS	$;--005il?:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC6800B230VSS6	$;-005ino:						316 Stainless Steel		PDF
SCE-AC6800B460V3	$;--005ile:		460 VAC	8.5 A	3.2A	3R, 4 & 12	Carbon Steel	113.3 lbs	PDF
SCE-AC6800B460V3SS	$;;--005il,:					3R, 4, 4X & 12	304 Stainless Steel	133.3 lbs	PDF
SCE-AC6800B460V3SS6	$;-005inp:						316 Stainless Steel		PDF

Performance Graphs

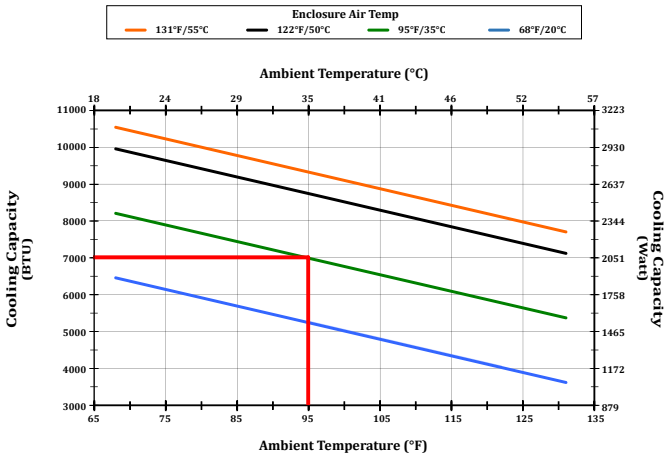


SCE-AC5100 Units





SCE-AC6800 Units

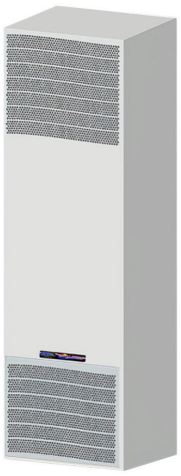


Enviro-Therm® Series Air Conditioners

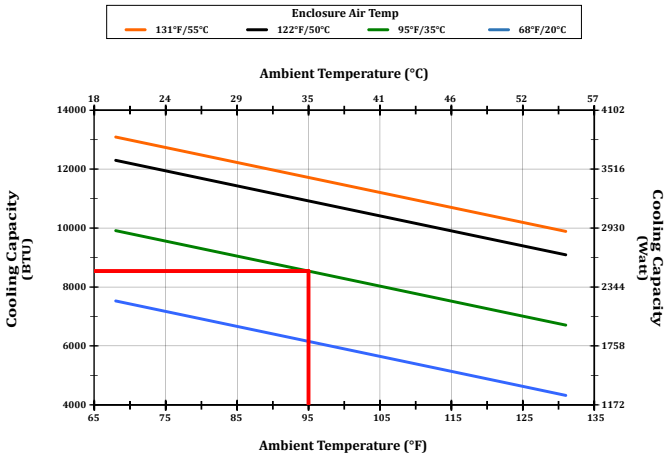
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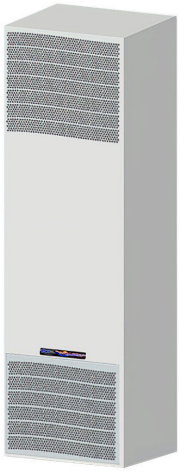
Enviro-Therm® Series Air Conditioners Specifications									
Part Number	*Price*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*For Enclosure NEMA Ratings*	*Housing Material*	*Unit Weight*	*Drawing Links*
SCE-AC8500B120V	$;;--005ilf:	8500 BTU/H	115 VAC	45A	16.8A	3R, 4 & 12	Carbon Steel	169.4 lbs	PDF
SCE-AC8500B120VSS	$;-005in0:					3R, 4, 4X & 12	304 Stainless Steel	113.3 lbs	PDF
SCE-AC8500B120VSS6	$;-0005inq:						316 Stainless Steel		PDF
SCE-AC8500B230V	$;--005ilg:		230 VAC	22.5 A	8.4A	3R, 4 & 12	Carbon Steel	165.0 lbs	PDF
SCE-AC8500B230VSS	$;-005in1:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC8500B230VSS6	$;-0005ins:						316 Stainless Steel		PDF
SCE-AC8500B460V	$;--005ilh:		460 VAC	6.8 A	3.6A	3R, 4 & 12	Carbon Steel	171.6 lbs	PDF
SCE-AC8500B460VSS	$;-005in2:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC8500B460VSS6	$;;-0005int:						316 Stainless Steel		PDF
SCE-AC10200B230V	$;---005ili:	10200 BTU/H	230 VAC	30A	9.9A	3R, 4 & 12	Carbon Steel	169.4 lbs	PDF
SCE-AC10200B230VSS	$;-005in3:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC10200B230VSS6	$;-0005inu:						316 Stainless Steel		PDF
SCE-AC10200B460V3	$;---005ilj:		460 VAC	8.1 A	3.5A	3R, 4 & 12	Carbon Steel	176.0 lbs	PDF
SCE-AC10200B460V3SS	$;-005in4:					3R, 4, 4X & 12	304 Stainless Steel	169.4 lbs	PDF
SCE-AC10200B460V3SS6	$;-0005inv:						316 Stainless Steel		PDF

Performance Graphs

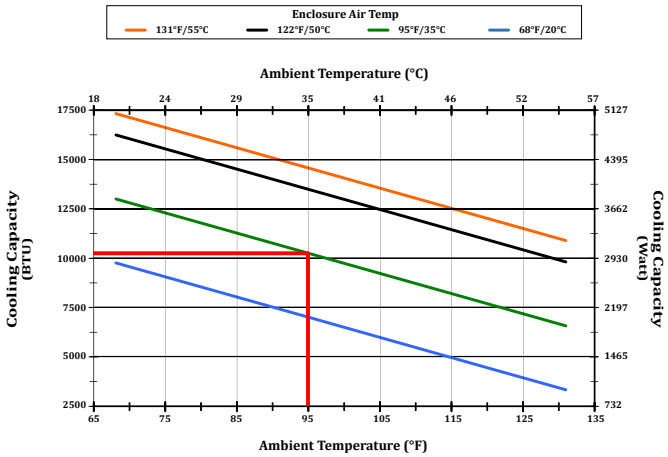


SCE-AC8500 Units





SCE-AC10200 Units



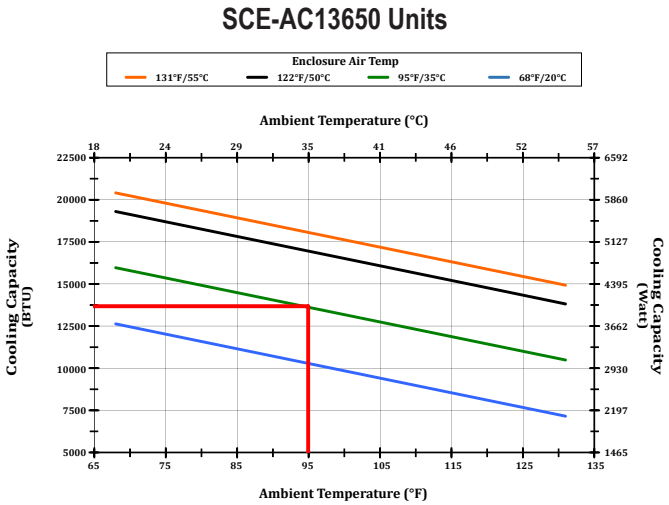
Enviro-Therm® Series Air Conditioners

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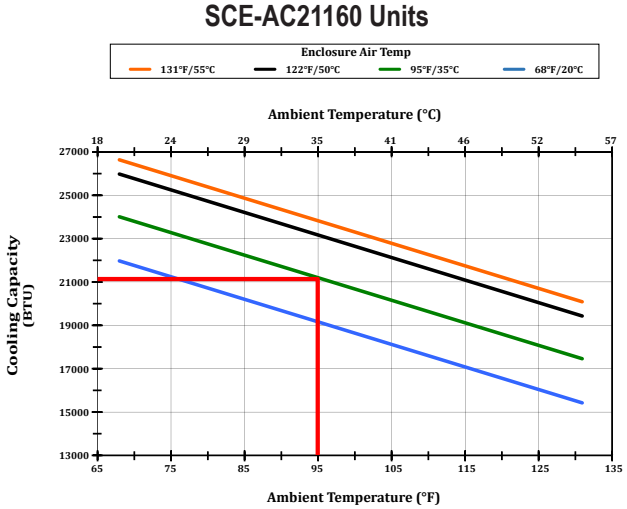
Enviro-Therm® Series Air Conditioners Specifications									
Part Number	*Price*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*For Enclosure NEMA Ratings*	*Housing Material*	*Unit Weight*	*Drawing Links*
SCE-AC13650B230V	$;--005ilk:	13650 BTU/H	230 VAC	50A	13.7A	3R, 4 & 12	Carbon Steel	169.4 lbs	PDF
SCE-AC13650B230VSS	$;-0005in5:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC13650B230VSS6	$;-0005inx:						316 Stainless Steel		PDF
SCE-AC13650B460V3	$;---005ill:		460 VAC	8.5 A	5.0A	3R, 4 & 12	Carbon Steel	176.0 lbs	PDF
SCE-AC13650B460V3SS	$;-0005in6:					3R, 4, 4X & 12	304 Stainless Steel		PDF
SCE-AC13650B460V3SS6	$;-0005iny:						316 Stainless Steel		PDF
SCE-AC21160B460V3	$;--0005iln:	21160 BTU/H		69A	9.8A	3R, 4 & 12	Carbon Steel	188.0 lbs	PDF
SCE-AC21160B460V3SS	$;-0005in7:					3R, 4, 4X & 12	304 Stainless Steel		PDF

Performance Graphs









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

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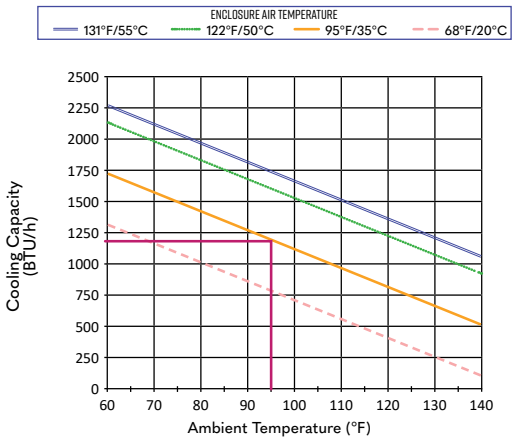
NextGen Enviro-Therm® Series Air Conditioners Specifications								
Part Number	*Price*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*Unit Weight*	*Model Number*	*Drawing Links*
SCE-NG1195B120V	$;-005inz:	1195 BTU/H	115 VAC	7.5 A	2.6A	30.0 lbs	KG8503	PDF
SCE-NG1195B230V	$;;-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

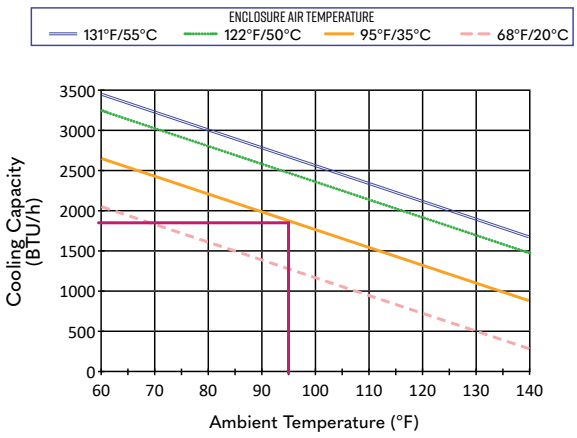




SCE-NG1870 Units

PERFORMANCE CURVE

SCE-NG1870B120V, SCE-NG1870B230V





NextGen Enviro-Therm® Series Air Conditioners

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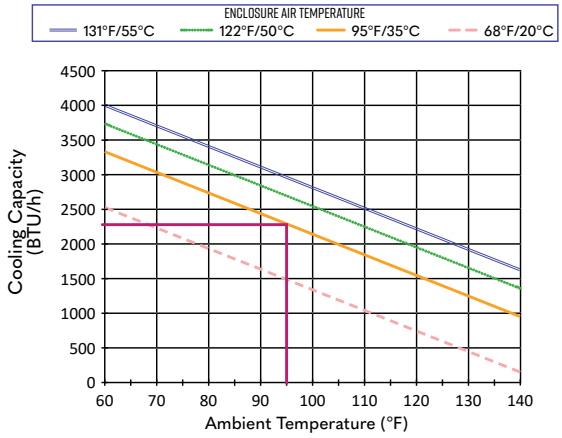
NextGen Enviro-Therm® Series Air Conditioners Specifications								
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SCE-NG2320B120V	$;-005in#:	2320 BTU/H	115 VAC	13A	6.0A	46.0 lbs	KG 8506	PDF
SCE-NG2320B230V	$;;-005in!:		230 VAC	6A	2.7A	31.0 lbs		PDF
SCE-NG2320B460V	$;-005in?:		460 VAC	3A	1.5A	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-NG2320BI20V, SCE-NG2320B230V, SCE-NG2320B460V

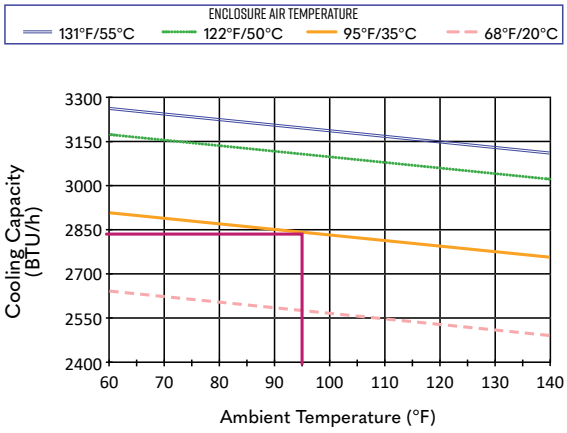




SCE-NG2970 Units

PERFORMANCE CURVE

SCE-NG2970BI20V, SCE-NG2970B230V, SCE-NG2970B460V





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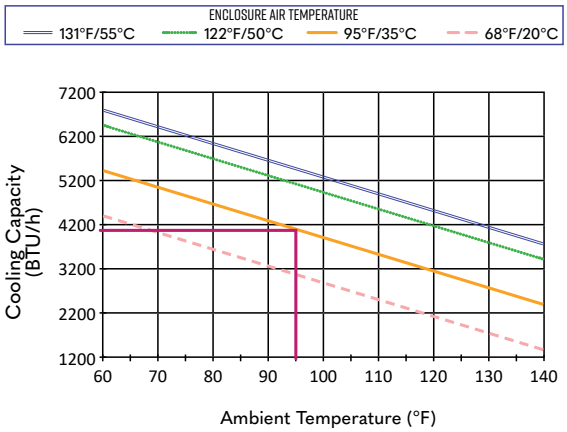
NextGen Enviro-Therm® Series Air Conditioners Specifications								
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SCE-NG4095B120V	$;-005io2:	4095 BTU/H	115 VAC	30A	9.5A	77.0 lbs	KG8512	PDF
SCE-NG4095B230V	$;-005io3:		230 VAC	15A	5.0A	66.0 lbs		PDF
SCE-NG4095B460V3	$;-005io4:		460 VAC	8.2 A	2.0A	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-NG4095BI20V, SCE-NG4095B230V, SCE-NG4095B460V3

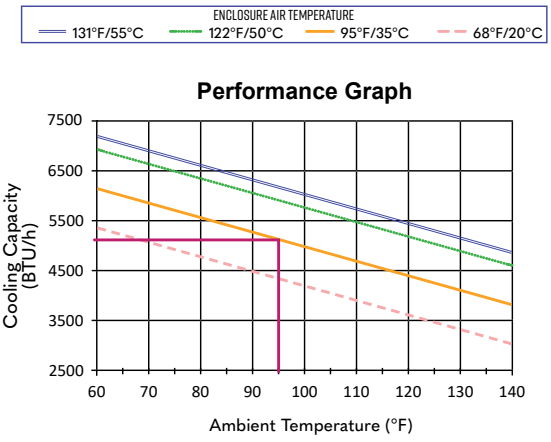




SCE-NG5290 Units

PERFORMANCE CURVE

SCE-NG5290BI20V, SCE-NG5290B230V, SCE-NG5290B460V3





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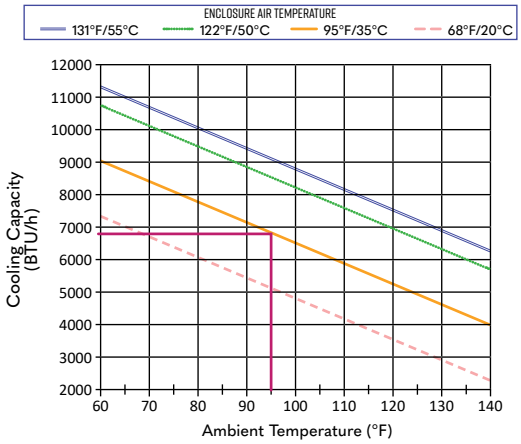
NextGen Enviro-Therm® Series Air Conditioners Specifications								
Part Number	*Price*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*Unit Weight*	*Model Number*	*Drawing Links*
SCE-NG6800B120V	$;-005io8:	6800 BTU/H	115 VAC	32A	14.8A	106.0 lbs	KG 8520	PDF
SCE-NG6800B230V	$;-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-NG6800BI20V, SCE-NG6800B230V, SCE-NG6800B460V3

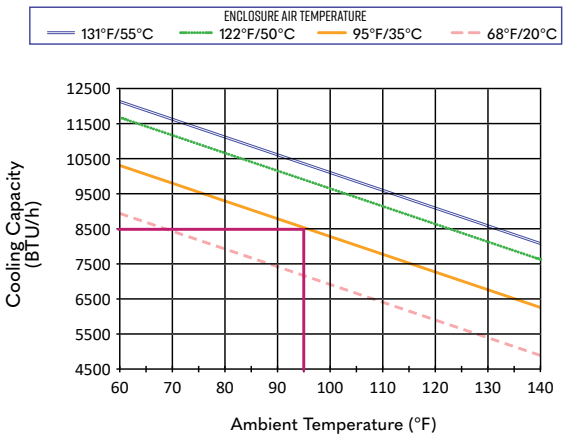




SCE-NG8500 Units

PERFORMANCE CURVE

SCE-NG8500BI20V, SCE-NG8500B230V, SCE-NG8500B460V3



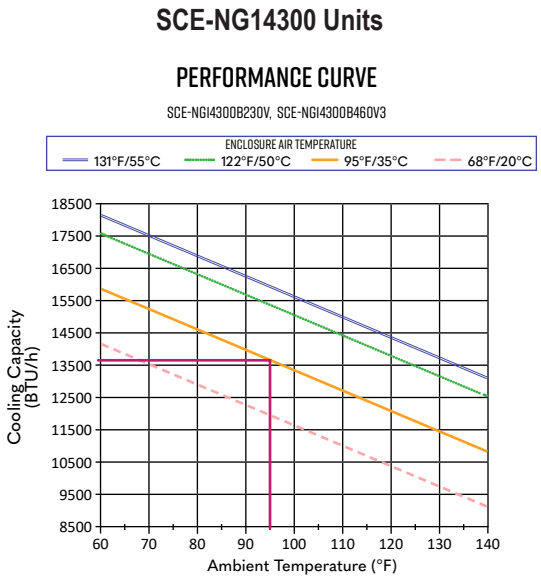


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NextGen Enviro-Therm® Series Air Conditioners Specifications								
Part Number	*Price*	*Nominal Cooling Capacity*	*Operating Voltage*	*Inrush Current*	*Running Current*	*Unit Weight*	*Model Number*	*Drawing Links*
SCE-NG14300B230V	$;-005ioe:	14300 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





SlimLine Series Air Conditioners

SEIFERT thermal innovations



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-513a or R-134a refrigerant.

Listings

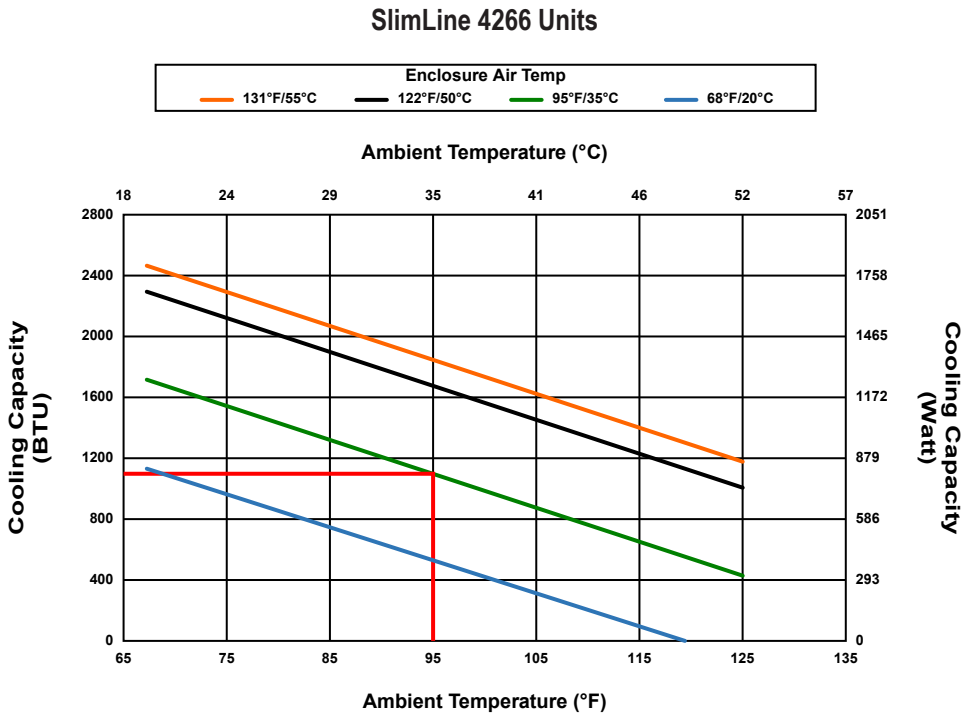
- cULus Listed Type 12 File: E498756.
- cURus Recognized File SA32278
- IP54

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

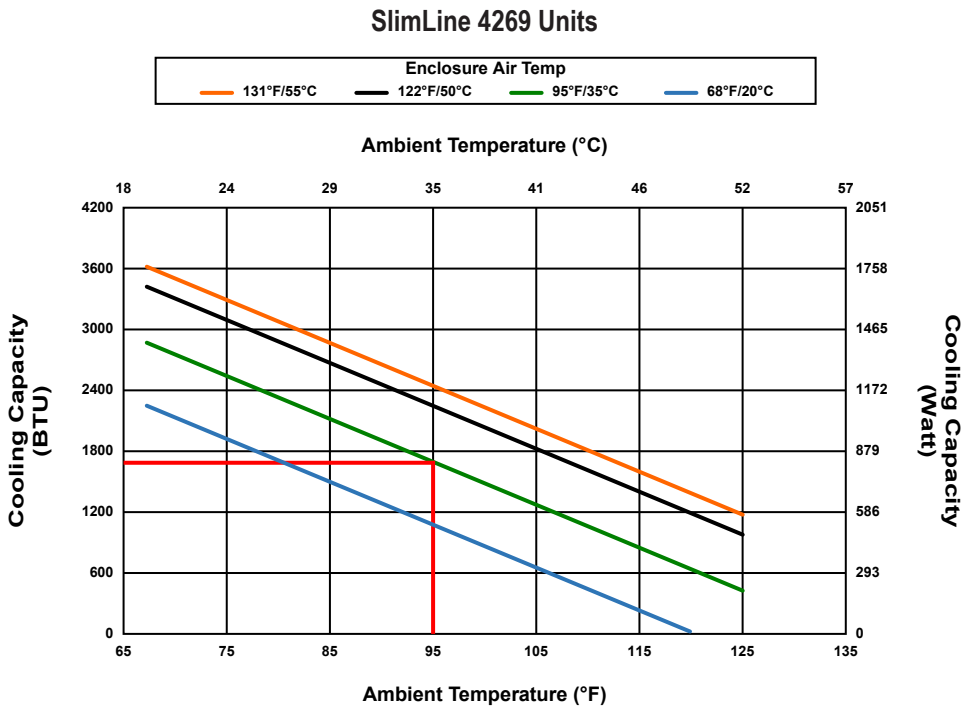
SlimLine Series Air Conditioners

Performance Graphs





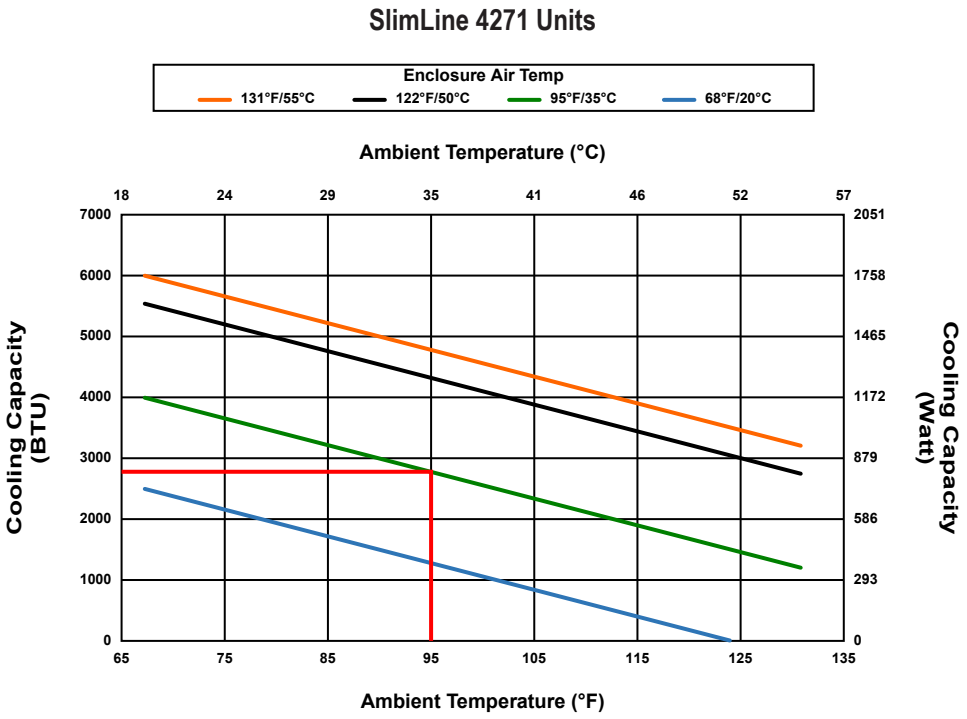




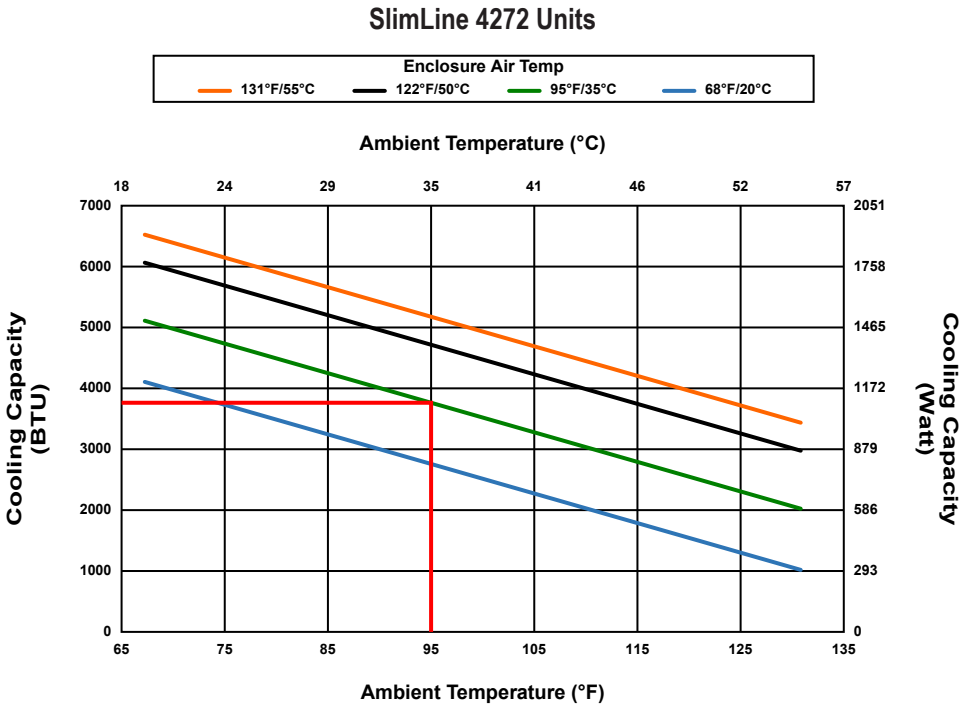
SlimLine Series Air Conditioners

Performance Graphs









SlimLine Vario Series Air Conditioner

SEIFERT thermal innovations



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-513a or R-134a refrigerant.

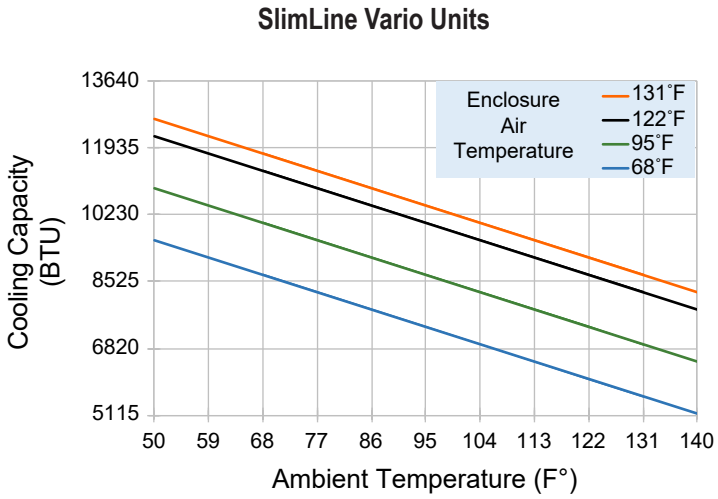
Listings

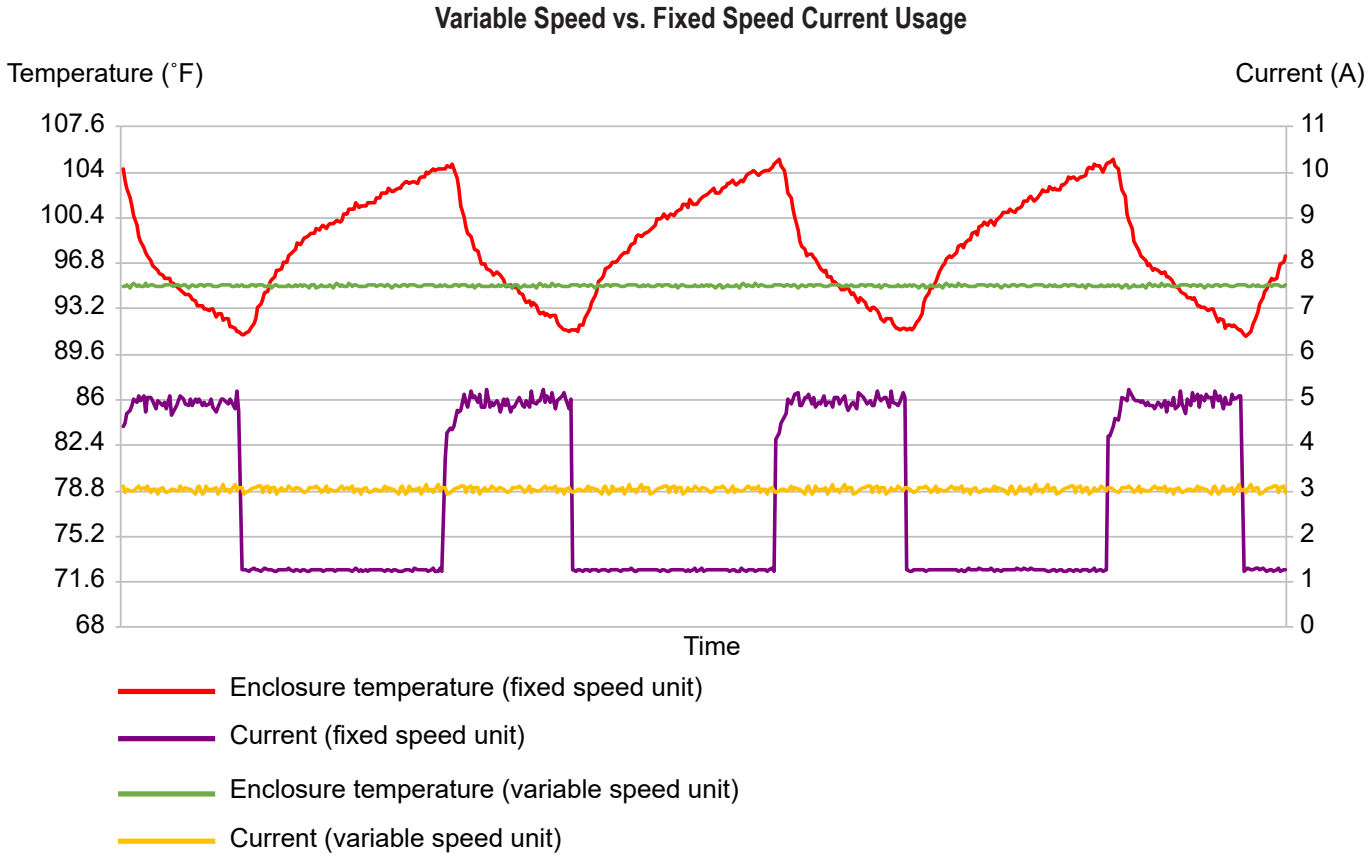
- cULus Listed Type 3, 3R, and 12 File: E498756.
- cURus Recognized File SA32278
- IP54

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





Accessories – NextGen Air Conditioners

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



SCE-NGBOLT