

DTS 3000 Series Air Conditioners



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]

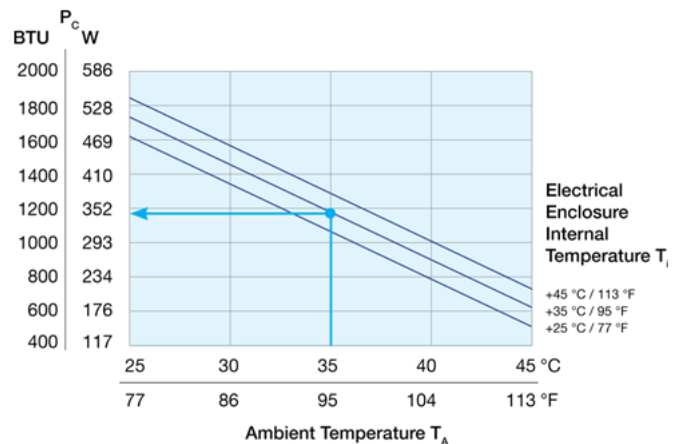


DTS 3000 Series Air Conditioners

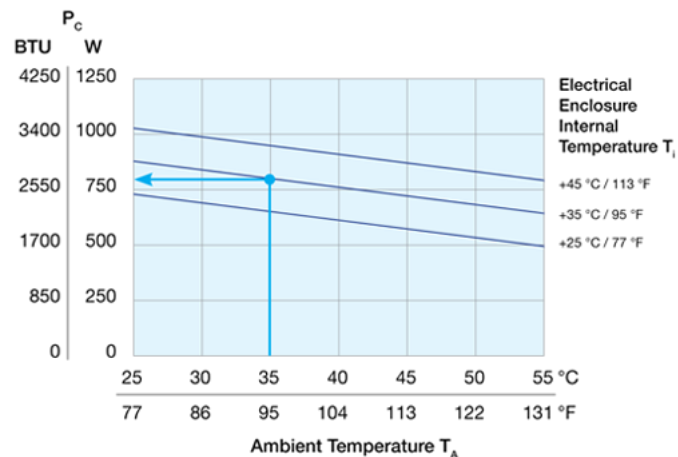
DTS 3000 Series Air Conditioners									
Part Number	Price	Series	Nominal Cooling Capacity	Operating Voltage	Running Current	Housing Material	IP Rating	Unit Weight	Drawing Link
13383144355	\$,006hv4:	DTS 3031	1200 BTU/H	115 VAC	3.3A	Carbon Steel	IP56	30.0 lbs	PDF
13383144255	\$,006hv3:	DTS 3021					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

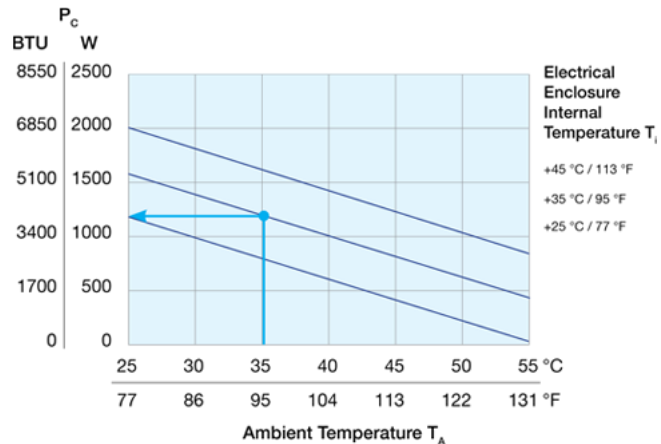


DTS 3000 Series Air Conditioners

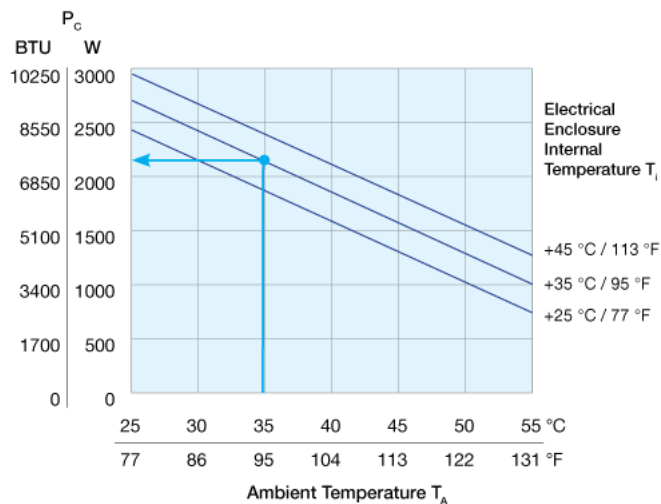
DTS 3000 Series Air Conditioners									
Part Number	Price	Series	Nominal Cooling Capacity	Operating Voltage	Running Current	Housing Material	IP Rating	Unit Weight	Drawing Link
13385436355	\$,-006hvf:	DTS 3161	4100 BTU/H	460 VAC	2.25A	Carbon Steel	IP56	92.4 lbs	PDF
13385444355	\$,-006hve:	DTS 3161		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				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				
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



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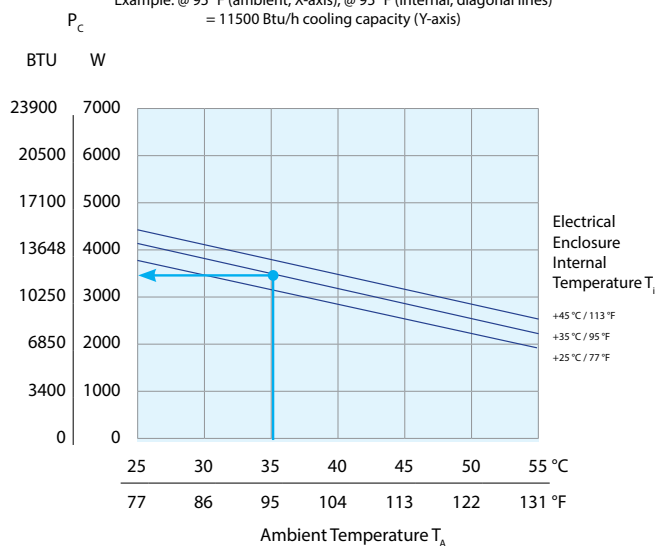
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Part Number	Price	Series	Nominal Cooling Capacity	Operating Voltage	Running Current	Housing Material	IP Rating	Unit Weight	Drawing Link
13383836355	\$:,006hvt:	DTS 3265	11500 BTU/H	460 VAC	3.14A	Carbon Steel	IP56	149.6 lbs	PDF
13383844355	\$:,006hvs:	DTS 3265		115 VAC	13.6A				PDF
13383836255	\$:,006hvtq:	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				Carbon Steel	IP54	201.5 lbs	PDF
13384136158	\$:,006hvz:	DTS 3481C				304 Stainless Steel	IP56	210.1 lbs	PDF
13384036355	\$:,006hv[:	DTS 3661C	25000 BTU/H	460 VAC	5.18A	Carbon Steel	IP56	234.8 lbs	PDF
13384036255	\$:,006hv]:	DTS 3641C				Carbon Steel	IP54	226.2 lbs	PDF
13384036158	\$:,006hv_:	DTS 3681C				304 Stainless Steel	IP56	234.8 lbs	PDF

Performance Graphs

DTS 3245, DTS 3265, DTS 3285

How to use this chart

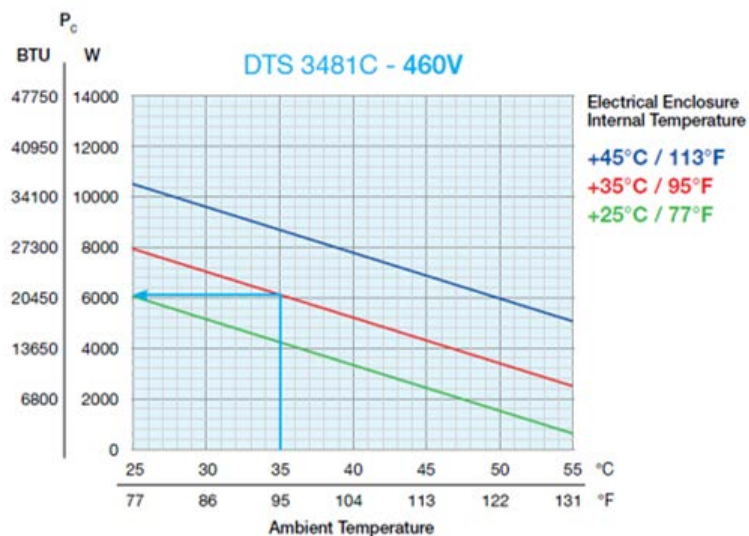
Example: @ 95 °F (ambient, X-axis), @ 95 °F (internal, diagonal lines)
= 11500 Btu/h cooling capacity (Y-axis)



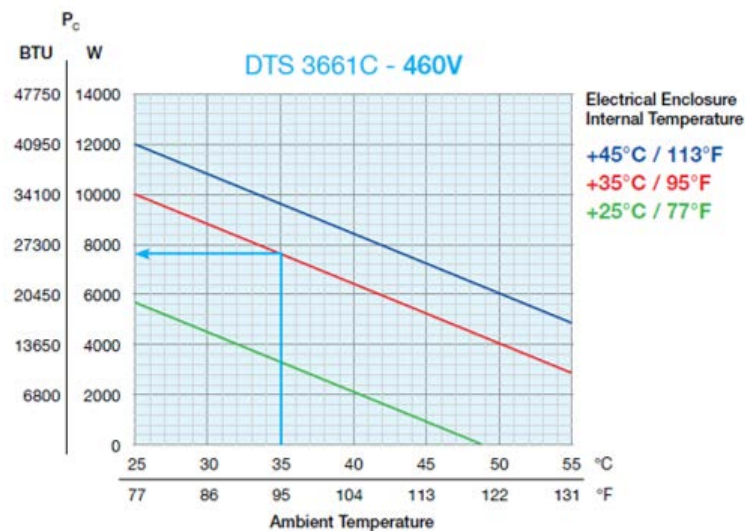
DTS 3000 Series Air Conditioners

Performance Graphs

DTS 3441C, DTS 3461C, DTS 3481C



DTS 3641C, DTS 3661C, DTS 3681C



PQF Air Conditioner Filter Rolls



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
<u>18881500018</u>	\$06hx7:	8 x 8in
<u>18881500019</u>	\$06hx8:	12 x 12in
<u>18881500020</u>	\$06hx9:	16 x 16in

Easy Filter Install/Change in just 3 steps!

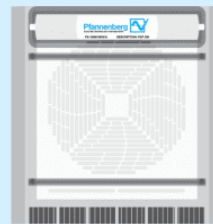
Installation



Attach

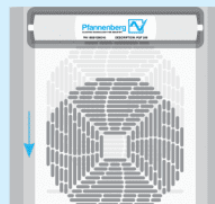


Pull

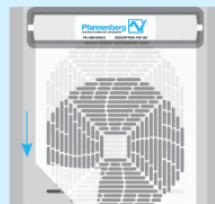


Secure

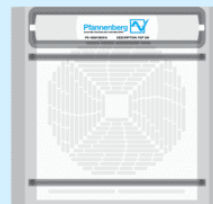
Changing the filter



Pull



Tear



Secure