

DTT 6301- 6401 | COOLING UNITS

4000 - 7000 Btu/h

ECOOL

The DTT 6301 - 6401 cooling units use our 100% patented condensate safety design and new micro-channel condensers for greater efficiency. These cooling units are designed to be placed on top of the enclosure when there is a space shortage or aisles need to be kept clear.



Zero Sweat Guarantee

Condensate will not form in the cabinet where the cooling unit meets the enclosure.

Managed Water Droplet Control

As the airflow passes through the evaporator, any condensate generated on the evaporator will not be carried into the enclosure.

Eliminate the need for Duct Work

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.

One Piece Leak-Proof Molded Tub

Industry's only seamless molded condensate tray located at the top of the unit eliminates the ability for water to drip into the cabinet.

Active Condensate Management

Condensate evaporator uses heat to eliminate condensate even when the system is not actively cooling.



Energy Efficient

Our optional multi controller connected to a sensor, automatically turns off the fan when it is not needed.

Durable and Reliable Components

High quality compressor, fans and heat exchangers provide dependable cooling of electrical enclosure components. The micro-channel design provides a condenser coil that is harder to damage. Fin combing is not necessary to maintain proper airflow channels.

Ultra Efficient Design

Our micro-channel design provides greater efficiency. With up to 40% increased heat rejection vs. standard condensers, improving the transfer of heat from the refrigerant into the ambient air.

Fast and Easy Maintenance

Removable cover allows for easy access to the front facing control components. In addition the micro-channel condenser design allows for an air path that clogs less and is significantly easier to clean during general maintenance.

Reduced Maintenance Costs

Have a dirty environment? Use our optional tool-free quick release filter mat mounting frame and a standard Pfannenberg filter to extend the life of the unit and reduce maintenance costs.

Rugged Design

Powder coated steel or stainless steel cover designed for manufacturing environments. Easily painted to match enclosure or machine.





DTT 6301 - 6401 Series (4000 - 7000 Btu/h) Cooling Units

Model Number	Part Number	Voltage (VAC)	Frequency (Hz)	Power Consumption (W)	Nominal (Run) Current @ 35A/35A °C	Fuse (maximum) Class CC	Noise Level (according to EN ISO 3741) dB(A)	Weight (without packaging) lb (kg)
DTT 6301 Indoor Rated (NEMA Type 12)	13256344055	115	60	1027	15	20	<62	88 (40)
	13256341055	230	50/60	980 / 1140	5.73 / 7	10	<62	99 (45)
	13256349055	400/460	50/60	962 / 1150	3.75 / 3.6	6	<62	116.8 (53)
Design	Housing: galvanized sheet steel Cover: electrostatically powder coated RAL 7035 (light grey);							
DTT 6401 Indoor Rated (NEMA Type 12)	13256444055	115	60	1894	20	20	<62	97 (44)
	13256441055	230	50/60	1049 / 1275	6.2 / 7	10	<62	101 (46)
	13256432055	400/460	50/60	1300 / 1598	3.35 / 3.3	6	<62	112 (51)
Design	Housing: galvanized sheet steel Cover: electrostatically powder coated RAL 7035 (light grey);							

Additional Data		DTT 6301		DTT 6401		
Ambient Temperature Range		+ 59 ... + 131 / + 15 ... + 55				°F / °C
Control range (adjustable)		SC	+ 77 ... + 113 / + 25 ... + 45; factory setting + 95 / + 35			
Refrigerant	type	R134a				
	quantity	725		750		g
Condensate management		active condensate evaporation system with safety overflow				
Protection system according to NEMA Type		NEMA 12 against enclosure when properly installed				
		NEMA 1 towards the surroundings when properly installed				



For additional technical data, drawings and templates.
www.pfannenbergsusa.com

Available Models:

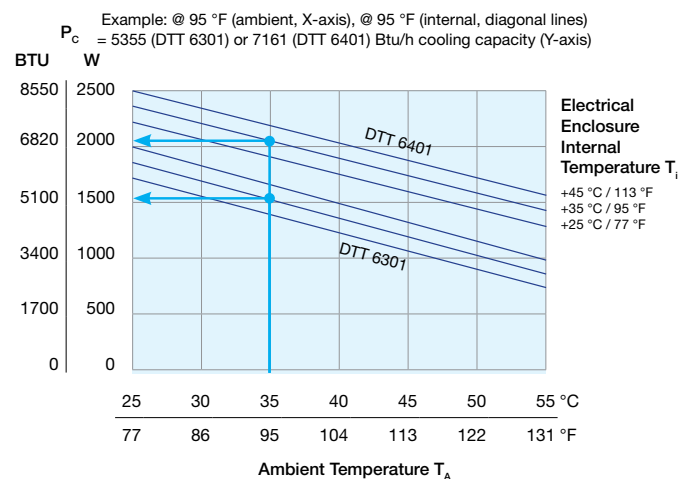


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Cooling Capacity Performance Curve

How to use this chart



Note: Cooling capacity may vary between voltage and configurations.