

TT-5'500 E

Chiller

Air-cooled chiller

- with switchable heating
- with flow control



Temperature range +50°F to +104°F

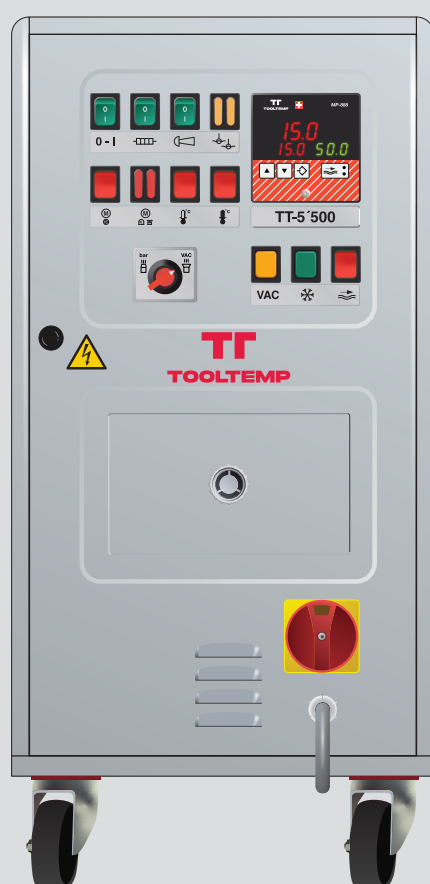
Cooling capacity **1.4 Rt** nominal

Heating capacity **17'061 BTU/hr**

Pump capacity 20 gpm; max. 65 psi

Refrigerating agent R-134a

Ambient temperature up to +113°F



Functions

- Self optimizing temperature controller with temperature display 1/10 °F – steps
- Display in °C or °F and l/min or gal/min
- Digital flow display and monitoring
- Integrated heating
- Automatic or manual refill
- Leak stopper device – operation in pressure and vacuum mode possible

Working principle

- The cooling compressor cools the water of the tank installed in the unit to the required temperature
- The resulting warm exhaust air is blown out at the side and top of the unit

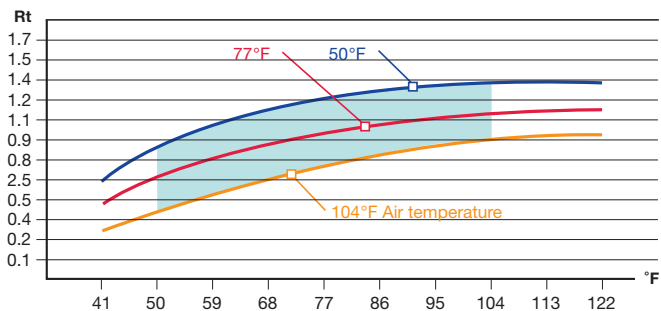
Construction

- Submersible sealless pump made from bronze
- Long life expectancy due to the electronic control of the compressors operating time
- All parts in contact with water are made of stainless steel or bronze
- Unit on castors

Safety features

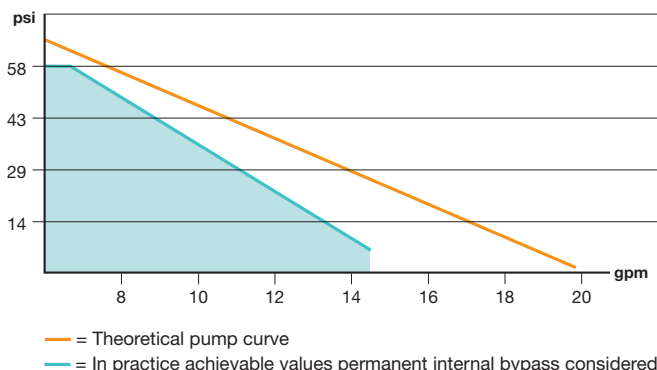
- Automatic level control with prewarning at low water level
- Electronic temperature limitation and monitoring in the controller
- Mechanical safety thermostats
- Visual and acoustic fault indications
- Integrated circuit breakers
- Main switch, transformer and motor protection switch

Cooling capacity



Nominal capacity 1.4 Rt

Pump capacity



Technical Data

Product attribute	Unit	TT-5'500 E
Temperature control		Self optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring.
Flow control		Electronically, with digital display and automatic control of the minimum flow.
Cooling capacity (Nominal capacity)	Rt	1.4 Rt - see diagram
Temperature range		
Circulating water	°F	+50°F up to +104°F
Air temperature	°F	+32.6°F up to +113°F
Heating	BTU/hr	17'061 BTU/hr , manual switchable
Content water tank	gal.	Approx. 6.6 gallons
Refrigerating agent		R-134a
Pump capacity		Max. 65 psi / max. 20 gpm - see pump diagram, vacuum max. 23.17 inHg
Compressor		Hermetically sealed
Condenser		Air cooled, air inlet located on the rear, blow out located on the side/top
Air volume		1'000 cfm
Power consumption		Approx. 6 kW (heating mode approx. 6 kW, cooling mode approx. 4 kW)
Connections		
To/from mould		¾" NPT female thread
Automatic water refill		¾" NPT female thread
Dimensions (LxAxA)	inch	37.4×14.4×29.1 inch, incl. castors
Noise level (in 9.8 feet distance)	dBA	66 dBA
Weight	lbs	254 lbs empty
Colour		Silvergray RAL 7001, optional: stainless steelhousing, not varnished