

YT Series **air-cooled** Water Chillers

The YT series air-cooled water chillers offer low noise running and no pollution, meeting environmental protection requirements due to no requirement for a cooling tower.

Combining maximum efficiency and superior performance in one unit, the YT series water chillers are easy to maintain and install.

The YT series water chillers offer cooling capacity from 2 to 30 refrigerating tons (say 5,600 to 83,000 Kcal/hr).

Features include:

- Microprocessor control with soft-touch operator panel and fault diagnosis.

- Digital setting and display of chilled water temperature via a P.I.D. controller with high/low alarm.
- COPELAND or MANEUROP fully enclosure compressor.
- Superior shell-shape condenser.
- Stainless steel chilling unit incorporates high-grade seamless bronze tubing eliminates rust or corrosion.
- Stainless steel expansion water tank.
- GRUNDFOS chilled water pump.
- All models are certified by the CE authorities.

Options include:

- High pressure chilled water pump.



Specification

YT model		120S	130S	150S	750S	1000S	1500S	2000S	2500S	3000S
Cold water temperature		°C 5 ~ 30								
Cooling capacity ⁽¹⁾ (under 60Hz operation)	Kcal/hr	5600	8400	14000	21000	28300	41900	55900	70100	83000
	BTU/hr	22200	33300	55600	83400	112300	166300	221900	278300	329500
	KW	6.5	9.8	16.3	24.4	32.9	48.7	65	82	97
Cooling medium		- R22 (R507 optional available)								
Compressor power	HP	2	3	5	7.5	10	15	10X2	12.5X2	15X2
Fan motor	HP	1/4	1/2		1/2 X 2		1/2 X 2		1/2 X 3	
Fan diameter	inch	16"	24"		24" X 2		28" X 2		28" X 3	
Pump	motor (G) ⁽²⁾	HP	1/2 (2)	1/2 (3)	1 (3)	2 (5)	2 (5 X 2)		3 (5 X 2)	
	output (G) ⁽²⁾	L/min	60 (76)	60 (126)	120(126)	220 (270)	220 (350)		320 (350)	
	pressure (G) ⁽²⁾	bar	1.5 (4)	1.5 (4)	1.8 (4)	2 (4)	2 (4.5)		2.3 (4.5)	
Water tank capacity	litre	35	65		110		220		370	
Cold water connections	inch	3/4" X 2	3/4" X 3		1-1/2" X 1		2" X 1		2-1/2" X 1	
Voltage (phase)	V	380 ~ 460V (3Ø)								
Width	mm	650	880		880		1060		1120	
Depth	mm	820	900		1670		1960		2620	
Height	mm	1100	1580		1750		1950		1900	
Weight (approx.)	kg	150	230	280	380	450	600	800	880	980

Remarks:

- 1) Cooling capacities are based on 10°C outlet cold water temperature and at ambient temperature of 30°C.
- 2) May change to use high pressure cold water pump which is optional feature at extra costs, model denotes "G" if this option is employed.
- 3) This air-cooled water chiller has been designed for the use in an ambient temperature under 35°C.



Soft-touch operator panel and P.I.D temperature controller.



European or American made fully enclosure compressor.



High efficiency shell-shape condenser and stainless steel chilling unit.

FS75~FS300 Air Cooling Chamber for blown film lines.

