

**Win-Star Mold Temperature Controller (Oil)**

**WTC Mold Temperature Controller (Oil Type) Series**

Thanks to its capacity of keeping mold temperatures under steady control, the WTC Mold Temperature Controller Series free your products from shortcomings such as water wrinkle, shrink caused by volatile mold temperatures, thus raising product quality and overall productivity.

**Trait:**

1. Temperature-controlling

Well-equipped with a micro-computer system (PID) , this controller makes temperature controlling with utmost precision possible. Featuring an independent cooling system and two groups of heating element, this controller directly controls mode temperatures and gives accurate readings about mold temperatures. In addition, this controller allows you to attach a temperature sensor to molds and to control the actual temperatures of molds in a precise and stable fashion. The temperature controlling function is clearly displayed on the computer control panel for your convenience.

2. Safety Devices

Endowed with an automatic warning and alarm system, this controller promptly gives automatic alarm and lighting signals as well as automatically disconnects circuits in the case of malfunctions, for example, a shortage of water, the machine being overheated and water pump being overloaded, proving that this controller is highly safe and reliable.

3. Applications

Applicable to production of high quality plastic products; perfectly compatible with JSW EII injection molding machine series or above. This controller gives you complete discretion to change mold temperatures or to switch between temperature control systems.



**Specifications**

(Following is for ref. use)

Property	Unit	Media = Oil	
		WTC-32	WTC-33
Pump	kW	0.37	0.5
Flow Rate	L / Min	65	90
Heating Capacity	W	6000	9000
Medium		Oil	Oil
Maximum Temperature	°C	170	170
Dimension	L x W x H	760 x 310 x 730	
Weight	KG	51	60
Power	V	380	380

**WHT Industrial Chiller Series**

**Applications :**

The function of mold temperature controlling required in the plastic industry can be fulfilled, raising efficiency of the chilling process as well as reducing injection molding cycles, thus boosting productivity; besides, it also fulfills functions of liquid cooling and ultra-sound liquid cooling required in the electro-plating industry ,stabilizing the particles of plated objects, increasing the density and smoothness of plated objects, reducing injection molding cycles, and enhancing productivity and quality to a maximum.

Practicality Picture of 3 ~ 7 HP



**Trait:**

1. Immense cooling capacity guaranteed by its professional design and quality components.
2. Its quality chilling components produced in Europe, USA and Japan guarantee high efficiency and durability.
3. Equipped with electronic temperature controller, this superb chiller puts temperature under precise control. Endorsed with thermostatic control device, this excellent chiller keeps water temperature within the range of  $\pm 1^{\circ}\text{C}$ .
4. Its stainless steel uncovered cold water tank ensures durability and resilience.
5. Safety devices: a compressor, a water pump current overload relay, a H/L pressure switch, a hydraulic control valve, a time relay ,anti-chilling functions, and so forth.

Practicality Picture of 15 ~ 30 HP



Model	Unit	WHT-3W	WHT-5W	WHT-25W	WHT-30
Compressor Power	kW	2.2	3.75	18.75	22.5
Cooling Capacity	Kacl / h	7556	11788	71940	92253
Pump Power	W	0.37	0.37	2.2	3.75
Water Flow Rate	L / min	80	80	450	700
Pipe Distance	M	16	16	22	24
Water Tank Capacity	Liter	28	28	450	630
Voltage	AC	380V, 3PH, 50 / 60 HZ			
Cooling Water Capacity	L	46	46	285	351
Demension	mm	760x480x940	760x480x940	1780x860x1730	1960x1010x1960
Weight	Kg	115	115	960	1200