

WATER THERMOREGULATORS



NTC HW



PROFILE

The water thermoregulators Series NTC / HW are designed for heating and temperature control of molds and cylinders for operating temperatures up to 150°C. They are used in many industrial applications in the plastics, rubber, etc. die and ensure a constant temperature to users with fully automatic operation.

Careful design has allowed to obtain a good stability of the set temperature thanks to the use of particular components of adjustment and heat exchangers that, with their combined action, allow to return quickly and accurately the temperature at the value set-point.

All our thermoregulators can be connected in series with a cooler, in this case one obtains a closed cooling circuit with zero consumption of water.

SPECIFICATIONS

Electronic control for heating and cooling.

Pump with the ability to work under pressure and depression.

DIRECT & INDIRECT cooling system.

Automatic filling.

Flow control.

OPERATION IN DEPRESSION

The temperature of the HW I series have the possibility to work in vacuum through the reversal of the rotation of the pump. This arrangement allows the use even in the presence of molds worn or damaged, of small leaks in the connections between users and temperature control unit and of situations that lead to expectations of a failure of the molds or links.

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TECHNICAL DATA

Model (1)	Temp. max	Electrical Heaters		Cooling Capacity	Pump				Pump reverse	Cooling	Tank capacity	Dimensions			Net weight
		°C	n°		kW	kcal/h	kW	l/min				bar	tipo	tipo	
NTC 09 HW I 90	90	1	9	40.000	0,55	30	2,0	vertical	SI	indirect	12	300	650	490	40
NTC 12 HW I 90	90	1	12	40.000	0,55	30	2,0	vertical	SI	indirect	20	300	650	590	50
NTC 18 HW I 90	90	1	18	40.000	0,55	30	2,0	vertical	SI	indirect	20	300	650	590	50
NTC 09 HW D 90	90	1	9	40.000	0,37	40	2,0	centrifugal	NO	direct	-	300	650	590	50
NTC 09 HW P 140	140	1	9	50.000	0,55	25	2,0	magnetic	NO	indirect	-	300	650	590	50
NTC 09 HW P 150	150	1	9	50.000	0,55	25	2,0	magnetic	NO	indirect	-	300	650	590	50

(1) - Standard electric alimentation 400V-3Ph-50Hz - Special on request.



NTC HW I



NTC HW P



NTC HW D



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