

# NO H

## OIL THERMOREGULATORS



# NO H



### PROFILE

The NO H series oil thermoregulators have been studied for the heating and the 250 °C thermoregulation of moulds and cylinders with operating temperatures up to. They are used in several industrial fields such as those of plastic, rubber, die-casting and all those fields needing the control of high temperatures. These products ensure the user an even temperature with a completely automatic operation thanks to the use of instruments technologically in the lead. The set-point is reached with a constant auto-tuning action, which regulates the power supplied, adjusting it to the external load conditions.

The careful design allowed to obtain, the best stability of the set temperature as well as absence of thermal fluctuations resulting in a considerable energy saving. Such result may be achieved thanks to the use of special, modulating valves and exchangers with a wide exchange surface which, with their combined action, let temperature quickly and precisely reach the set-point value.

The oil version, thanks to its particular design, aided by the use of special diathermic oil can work non-stop at the highest temperature without spoiling the fluid. All our thermoregulators may be coupled in series with a chiller, in this case we get a closed, cooling circuit with no water consumption.

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### TECHNICAL DATA

Model (1)	Type of fluid	Max temp.	Electrical heaters		Commutations		Pump			Type of cooling	Total capacity
			n°	kW cad.	n°	kW	kW	l/min	bar		
		°C	n°	kW cad.	n°	kW	kW	l/min	bar		l
NO 18 H	olio	250	2	9	2	9 - 18	4,0	10 - 200	9,0 - 1,0	indirect	25
NO 27 H	olio	250	3	9	3	9 - 18 - 27	4,0	10 - 200	9,0 - 1,0	indirect	25
NO 36 H	olio	250	4	9	4	9 - 18 - 27 - 36	4,0	10 - 200	9,0 - 1,0	indirect	25

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

(2) - Cooling capacity 120 KW ( $\Delta t$  160°C)

### DIMENSIONS AND WEIGHT

Model	Dimensions			Net weight
	L mm	P mm	H mm	
NO 18 H	1180	1100	1270	480
NO 27 H	1180	1100	1270	490
NO 36 H	1180	1100	1270	500

### SOUND LEVEL<sup>(3)</sup>

Model	Sound level
	dB(A)
NO 18 H	56
NO 27 H	56
NO 36 H	56

(3) - Sound pressure level at 10 metres.



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