



CLIMAT PF - G

Diathermic oil 300 °C



Climat industrial thermoregulators series **PF-GAS 300**, modular for single zone, controls mould temperatures through diathermic oil thrust in conditioning channels.

The exceptional innovation is the use, for oil heating, of a sophisticated flame system; it is reliable and safe, supplied by methane GAS or L.P.G. with an almost inexistent presence of CO in combustion fumes, in conformity to current European Regulations.

It is an open tank system with a reservoir calculated to compensate for the increase in oil volume due to the raising temperature. Maximum temperature reaches 300 °C, whilst the minimum is determined by the parameters (pressure, flow rate and temperature) of the network water connected to the thermoregulator.

Zone number	1
Code	CCPG003
Frame	T1 500x1300x1230 (h)
Weight	220 Kg
Maximum temperature	300°C
Circuit fluid	Diathermic oil
Heating system	METHANE GAS OR L.P.G.
Heating power	Burner 32 Kw
Cooling system	Indirect exchange
Cooling power	From 50 to 200 Kw
Electric pump	Peripheral with magnetic drive
Electric pump characteristics	From 60 to 200 l/min / from 6 to 9 bar
Fluid load in the circuit	Manual
Electric power supply	400 V+PE, auxiliary 24 VAC
Hydraulic / Gas power supply	Connection ½"
Moulds connection	Connection 1"
Tank	Stainless Steel 60 L
Electronic instrumentation	Digital or PLC systems temperature adjuster

OPTIONS AVAILABLE
Increase heating power
Increase cooling power
Oversize electric pump
Cooling system with three way anti-limestone device
External distribution block with stainless steel faucets and fittings for several waterways
Light and acoustic indicator for set temperature range
Light and acoustic indicator for outlet / return temperature range
Return temperature display
Water entry motor driven valve
Wiring system to PLC
Die interface, various protocols, profibus, ethernet, profinet, etc...
Flexible tubes or fixed system for customized mould connection

Other optional features are available.