



CLIMAT PFN-SV

Diathermic oil 250 °C



Industrial thermoregulators **Climat Series PF-N Sleeve Version**, single zone, adjust sleeve temperature through diathermic oil thrust in conditioning channels. They are built with modular components that facilitate maintenance and use. Heating elements are sealed to prevent any leak of oil, immersed in fluid and positioned along the hydraulic circuit to avoid the oil from stopping and the formation of tar. It is an open vessel system with a reservoir calculated to compensate for the increase in oil volume due to the raising temperature. Maximum oil temperature reaches 250 °C.

The particular 3-way cooling system prevents the formation of limestone in the heat exchanger, extending the life of components and increasing thermal efficiency.

The compact size of the thermoregulator facilitates the integration in the factory layout.

ZONE NUMBER	1
CODE	CCPD014-T4
FRAME	T4 440x850x800 (h)
WEIGHT	140 Kg
MAXIMUM TEMPERATURE	250° C
CIRCUIT FLUID	Diathermic oil
HEATING SYSTEM	Sealed immersed electric heating elements
HEATING POWER	12 Kw
COOLING SYSTEM	Indirect exchange with 3-way anti-calc device
COOLING POWER DOUBLE EXCHANGER	72 kW (diathermic oil 250 °C,) + 100 kW (diathermic oil 150 °C) cooling water 1,5 mc/h, 25 °C
ELECTRIC PUMP	Peripheral with magnetic drive
ELECTRIC PUMP CHARACTERISTICS	60 l/min - 6 bar - 1,1 Kw
FLUID LOAD IN THE CIRCUIT	Manual
ELECTRIC POWER SUPPLY	400 V+PE, auxiliary 24 VAC, 50hz 480 V+PE, auxiliary 24 VAC, 60hz
HYDRAULIC POWER SUPPLY	Connection ½"
MOULDS CONNECTION	Connection ½"
TANK	Stainless Steel 20 L
ELECTRONIC INSTRUMENTATION	PLC IECI TD240

AVAILABLE OPTIONALS
Increased in heating power
Increased in cooling power
More powerful electric pump
External distributor with stainless steel multi-channel taps
Motorized water inlet valve
Die interface, various protocol, profibus, ethernet, profinet, ecc...
Flexible tubes or fixed system for connection to the customized die;

Other optional features are available.