



# CLIMAT DSS

## Series double shot sleeves



This is a very exclusive, unique and smart device, engineered to supply the best possible performances. Equipped with double circuit, this unit is ideal for shot sleeve systems and small applications.

This machine supplies huge advantages in terms of power and space, thanks to the reduced size of the frame where the two different units are combined.

The first zone is designed for pressurized water, up to 160°C (320°F) and wears all special characteristics of IECI PF-NH series. The second zone is a oil unit and provides high temperatures up to 250°C (482°F) together with a very strong cooling power thanks to its double heat exchanger system.

1 Device → 2 Uses   

 ↙ WATER zone  
 +  
 ↘ OIL zone

<b>ZONE TYPE</b>	PRESSURIZED WATER	DIATHERMIC OIL
<b>MAXIMUM TEMPERATURE</b>	160 °C	250 °C
<b>HEATING SYSTEM</b>	Seald electrical resistors immersed into the fluid, 1kW each, one by one, completely independent. INOX 316L	Seald electrical resistors immersed into the fluid, 1kW each, one by one, completely independent
<b>HEATING POWER</b>	12 kW	12 kW
<b>FLOW CONTROL</b>	Adaptive system with INVERTER on the pumps driven by the difference between the temperatures	Adaptive system with INVERTER on the pumps driven by the difference between the temperatures
<b>COOLING SYSTEM</b>	3-WAY proportional cooling system with continuous washing double heat exchanger, descaling, at scalable indirect exchange	3-WAY proportional cooling system with continuous washing double heat exchanger, descaling, at scalable indirect exchange
<b>COOLING POWER</b>	135 kW (pressurized water 150 °C, cooling water 1,5 mc/h, 25 °C)	72 kW (diathermic oil 250 °C,) + 100 kW (diathermic oil 150 °C) cooling water 1,5 mc/h, 25 °C
<b>PRESSURIZED SYSTEM</b>	Forced pressurization	
<b>ELECTRIC PUMP</b>	Peripheral with magnetic drive transmission joint	Peripheral with magnetic drive transmission joint
<b>ELECTRIC PUMP CHARACTERISTICS</b>	60 lt/min, 6 BAR, 1,1 kW	60 lt/min, 6 BAR, 1,1 kW
<b>ELECTRIC POWER SUPPLY</b>	400V/3F/50hz European Version 480V/3F/60HZ U.S.A. Version	400V/3F/50hz European Version 480V/3F/60HZ U.S.A. Version
<b>ELECTRONIC INSTRUMENTATION</b>	PLC IECI TD240	PLC IECI TD240