



CLIMAT PF - ZH

Pressurized water 160 - 180 - 200 °C

Pressurized water is the best fluid for heating transfer due to its characteristics of speed in thermal exchange and economic affordability. The limit of usage in the fluid state is raised up to 200 °C, thanks to heating systems with external electrical resistors not in contact with water. The management of the hydraulic circuit is assigned to a pneumatic valve system which grants maximum safety and reliability.

The software of management scans and processes all the values and the changes related to pressure, flow and temperature, automatically combining them into the best possible performance.

Machine Code	CCPZ009
Max temperature °C	160 - 180 - 200
Electronic controller device	Single zone: PLC TD240, display 3.5" touch screen; Double zone: PLC TD700, Win CE, display 7" touch screen, 65.000 colors, Movicon
Fluid thermal vector circuit type	Pressurized water, hardness < 10°F
Thermal regulation zone	1 - 2, completely independent
System Operation	Independent pressurization, forced and controlled by pneumatic purge
Expansion vase	With compressed air cushion without membrane
Heating type	External resistors in insulated chamber (IHCS)
Heating power kW	15 - 24, per zone
Cooling type	Indirect, with direct function exchangeable
Heat exchanger	Stainless steel, IHCS (IECI Patented); Braze-welded plates on 3-way valve system
Cooling power kW	50 - 80 - 160 per single zone
Circulation pump	SPI-A , magnetic drive
Characteristics of the pump	60 l/min 6 bar 1,1 kW
Pressurization pump	Loading pump separated TP100 40 l/min 17 bar
Pressure control system	Digital, 0,1 bar accuracy
Frame	T4 - T1 - T60, with swiveling wheels
Frame and dimensions (w x d x h) mm	440x850x800 - 500x1250x1230 600x1250x1390
Weight (Kg)	210 - 290 - 350

OPTIONS AVAILABLE
Heating power increased up to 48 kW
Cooling power increased up to 320 kW
Different size pump up to 200 l/min, 9 bar
Cooling system with 3-way anti-calc device
External distributor with stainless steel multi-channel taps
Checking system of the set temp between the values of the range, with acoustic and visual alarm.
Control system of the delta temperature of delivery and return
Motorized water inlet valve
Die interface, various protocol, profibus, ethernet, profinet, datanet, device-net, etc.
Flexible hoses or fixed plants for connection to the die, tailored

Other optional features are available.