

Hot Cold & Tap water circulation System



Dual Channel P.I.D temperature controller for HOT & COLD water circuits,

Features:

- Based on embedded high performance, ATMEL ATMEGA88 RISC microcontroller.
- Twin LM35 temperature sensors
- Independent 2 channel control loops
- Independent hot, cold & Tap water insulated tanks.
- Independent hot, cold & tap water circulation pumps.
- Twin 45 Amp solid state relay mounted on front face controls input power to heater & chiller compressor
- Dedicated 16 X 2 backlit, alpha numeric liquid crystal display with 4 button keyboard.
- Completely configured system, just need to connect vessel inlet & outlet.

Ordering Options:

SCI-FERM-HT-CL-TP/CAP-HT20L/CL20L/TP20L



Specifications:

Hot water system:

Storage	20L
Heater	1000W
Safety cutoff	Pre settable Thermo control MAX-80°C
Power	AC 220V Single phase
Circulation pump	Centrifugal, 1/2" magnetically coupled, 1440 r.p.m
Control	P.I.D Heater power control by ATMEGA88 Dwell time circulation pump control by EU

Cold water system:

Storage	20L
Compressor	1/3HP
Min temp	10°C
Cooling capacity	300 Watts par Liter
Power	AC 220V Single phase
Circulation pump	Submersible, Flow 2L/Min
Control	P.I.D Compressor control by ATMEGA88 Dwell time circulation pump control by EU

Tap water system:

Storage	20L
Circulation pump	Submersible, Flow 2L/Min
Control	Reactive logic™ Dwell time circulation pump control by EU