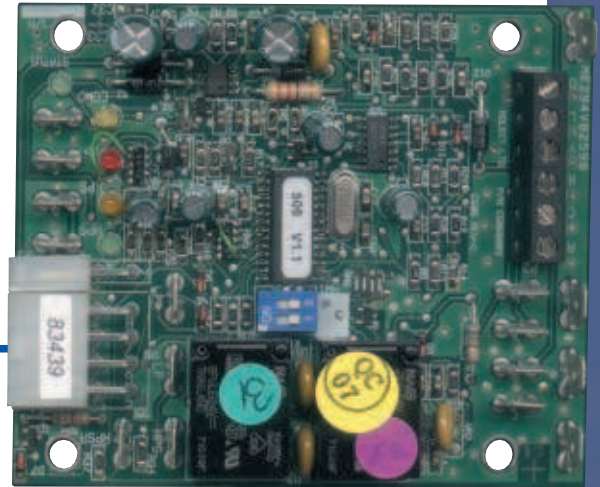


C506 Heat Pump Controller



**HEAT - PUMP AND W.S.H.P.
 CONTROLLER**

- ANTI- SHORT AND RANDOM STARTS DELAYS**
- DIAGNOSTIC LED'S INDICATORS**
- 24 VOLTS A.C. OPERATION**

- ▶ Solid-State lockout Circuit. (H.P.S, LPS, FP, COND.).
- ▶ Lock-out indication output relay.
- ▶ 5 diagnostics LED'S.
- ▶ Test mode.
- ▶ L.P.S by-pass timer.
- ▶ Intelligent automatic fault reset.
- ▶ Under/Over voltage protection.
- ▶ Fault memory indication.

The C506 is a micro processor controller board specifically designed for use with HEAT PUMP and WATER SOURCE HEAT PUMP products. The C506 is equipped with two relays for compressor control and fault remote indication. It has 5 inputs for monitoring the fault sensors and compressor input.

SPECIFICATIONS:

Dimensions (LWD)	3.75" x 3.00" x 1.00"
Power supply	24 VOLTS AC
Thermostat inputs	24 VOLTS AC
Fault sensors inputs	24 VOLTS AC TO GROUND
Test input	DIP. SWITCH NO. 1
Relays rating (24VAC)	10 AMPS, 250 VOLTS AC
Operation environment	40°F/5.3°C TO 140°F/60°C 90% R.H non-condensating
Storage environment	0°F/-18°C TO 158°F/70°C 90% R.H non-condensating
ON-board failsafe device	OVER/UNDER VOLTAGE Protection
Freeze set-point selection	33°F OR 23°F (DIP.SW.#2)
Built according to U.L.,CE applicable standards.	

HEAT PUMP Thermostats