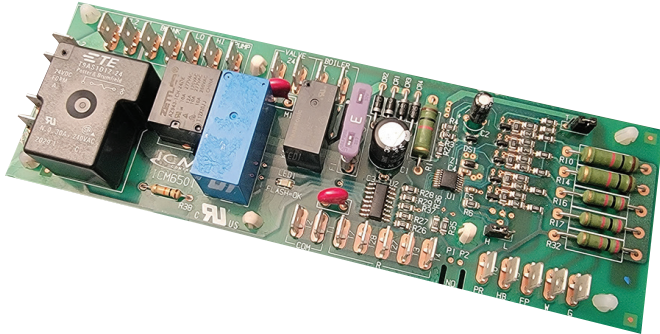




### APPLICATIONS:

APPLIANCE | ELECTRICAL | HVAC/R | MARINE | POOL & SPA | RV



## OVERVIEW

The **ICM6501** air handler control board operates with hot water heating systems to control the water pump, valve, and blower while monitoring safeties including the freeze protection switch and pressure switch. When the thermostat calls for heat, the control will energize the Water Pump, Valve and Boiler. The blower will energize at the selected speed after 90 seconds to allow the coil to preheat.

## REPLACES

- **ClimaTek/ First Company:** CB201

## FEATURES

- ✓ Controls the water pump, valve, fan and boiler in a hot water heating system
- ✓ Jumper selectable high and low speed fan speed selection for 2 speed blower operations
- ✓ Integral fan delays for both heating and standard fan operation
- ✓ Monitors safety switches including the pressure switch and freeze protection switch
- ✓ Test mode feature for system diagnostic purposes
- ✓ LED status Light to aid in diagnosing power issues

## SPECIFICATIONS

- **Voltage:** 24 VAC, 120/240 VAC, 50/60 Hz
- **Valve:** 24 VAC, 50/60 Hz, 5A
- **HI/LO blower:** 120/240 VAC, 50/60 Hz, 9.8 FLA
- **Water pump:** 120/240 VAC, 50/60 Hz, 1.5 FLA
- **Boiler:** 24 VAC, 50/60 Hz, 5A
- **Timing:**
  - **Fan ON delay:** 0 seconds
  - **Fan OFF delay:** 45 seconds
  - **Heat fan ON delay:** 90 seconds
  - **Heat fan OFF delay:** 20 seconds