

**MODEL
R100A SERIES**

VTRONIX

**ELECTRONIC INTEGRATED A/C CONTROL
FOR AIR CONDITIONER BLOWER & COMPRESSOR
OPERATION**

NEW

**FREEZE
PROTECTION**

**SYSTEM
CONSISTS OF
BLOWER
RELAY
COMPRESSOR
CONTACTOR
RELAY**

**Two
Status
LED's**

**Field
Adjustable
Delay
Timings**



FEATURES:

- LED Status Lights
- Freeze Protection
- High Pressure Safety Cut Out
- Low Pressure Safety Cut Out
- Delay On Make Adjustable 0.03 to 10 Min
- Delay On Break, 3 Minute Compressor Protection
- By-Pass Time
- Post Purge Adjustable 10-90 Seconds
- Lockout Mode
- Test Mode
- Alarm Relay

Increase Efficiency

Dual function adjustable ON delay timer allows air to reach proper comfort level prior to energizing the compressor. Adjustable OFF delay purges air ducts of residual air. Blower remains energized after call for cooling ends until the adjustable 10-90 seconds post purge expires.

-OEM CUSTOM MODIFICATIONS AVAILABLE-

VTRONIX

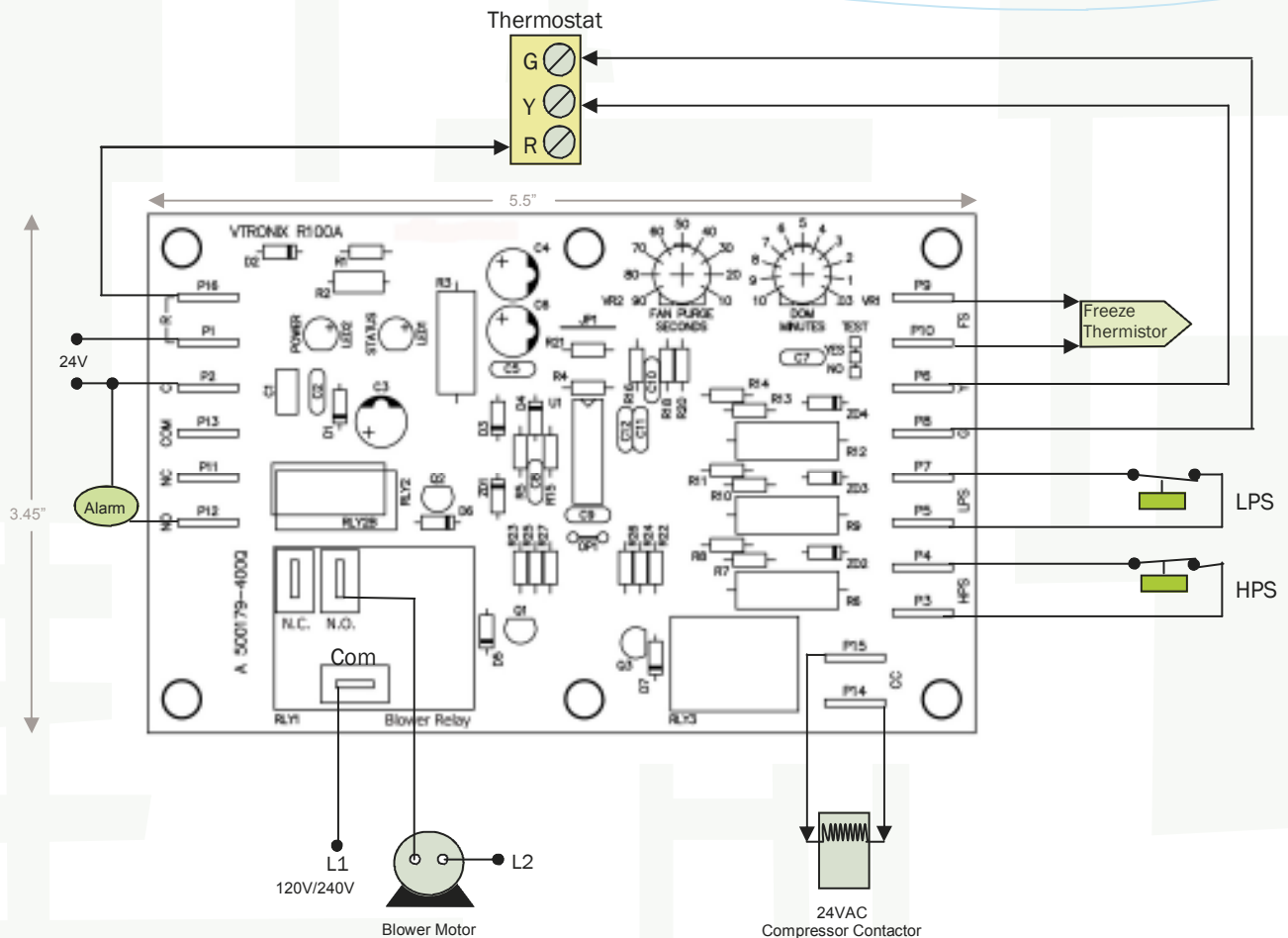
318 Indian Trace #327
Weston, Florida 33326

Quality & Reliability!

305-471-7600
www.vtronix.com

ELECTRONIC INTEGRATED A/C CONTROL

FOR AIR CONDITIONER BLOWER & COMPRESSOR OPERATION



OPERATING VOLTAGE: 18-30 VAC
OPERATING TEMPERATURE: -40c—75c
BLOWER RELAY: SPDT, 50LRA/16FLA @ 120VAC
COMPRESSOR RELAY: SPST, 24VAC, 1 AMP
ALARM RELAY: DPDT, 24VAC, 1 AMP
PCB MATERIAL: CEM1

DIAGNOSTICS:

GREEN LED: POWER

RED LED: 1 BLINK—HPC HAS OPENED TWICE
 2 BLINKS—LPC HAS OPENED TWICE
 3 BLINKS—FREEZE STAT LOCKOUT

TIMING:

DELAY ON MAKE: 0.03-10 MINUTES ADJUSTABLE
 (INITIAL Y CALL ONLY)

DELAY ON BREAK: 3 MINUTES

LOW PRESSURE BY-PASS: 3 MINUTES

POST PURGE: 10-90 SECONDS ADJUSTABLE