



**Systems  
Controls &  
Instruments, L.L.C.**

# ERS-24-Series

24 Vac Wall Mount Thermostat  
for Heating & Cooling HVAC Systems  
Non Programmable

## General Description:

Wall mount thermostat, 24 VAC, with large display "LCD", with the "Super" option, all in one thermostat, heat pump or not heat pump, multistage, to fit most applications at the last minute installation.  
Build in autochange over as standard feature.  
With automatic compressor short cycle protection (can be removed for fan-coil).  
With set temperature limits, accessible by technician for commercial applications.  
With "unoccupied function" (economy), when leaving your home or office just press a button and the unit will go to the "economy set back", and it's adjustable.

## Application:

The ERT-2S-Series are ideal for residential, commercial or industrial applications.  
This series are designed for use on HVAC systems using electric heat, oil, gas, central or hydronic heat, heat pump air conditioners systems.  
Because the temperature limits functions is easy to install in commercial applications.

## Features and benefits:

- \* "Super™" all in one
- \* Temperature limits
- \* Return to its setting after power outage.
- \* Large display-room and set temperature (LCD)
- \* Unoccupied function - just by pressing one button
- \* Easy to install - 2 pieces with quick connector.
- \* °F / °C button



Easy to install



1

2

3

**We make life more comfortable!**

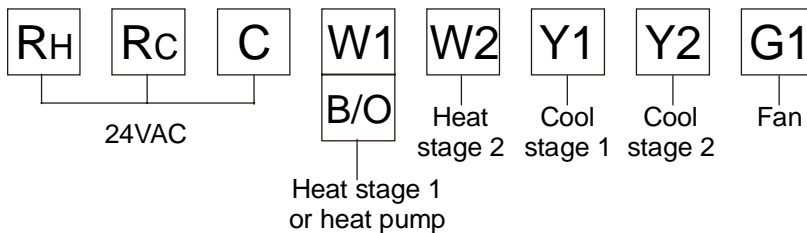
## Specifications:

Product	ERS-24
Range	45° to 88° F (10° - 30°C)
Differential	1,2° F
Auto change over dead band	3° F
Load rating	2 amps
Input	24 Vac 50/60 Hertz - +/- 10%
Wiring connections	screw type connections
Material	PC/ABS
Flammability	CL 94-V-O
Weight net	160 grs

## Models:

ERT-24-HI	Heat only	Rh, Rc, C, W1
ERT-24-CI	Cool only	Rh, Rc, C, Y1, G
ERT-24-HC11	Cool/Heat	Rh, Rc, C,W1, Y1, C, G
ERT-24-HC22	2 cool/2 Heat	Rh, Rc, C,W1, W2, Y1, Y2, C, G
ERT-24-HP21	1 Cool/2 Heat (heat pump)	Rh, Rc, C,Y1,W2, B/O, G
ERT-24-HP32	2 Cool/2 Heat (heat pump)	Rh, Rc, C,Y1,Y2, W2, B/O, G
ERT-24-SUPER	All in one	

## Terminals for the SUPER type:



For retrofit when common wire is missing use SCI split box, 3 wires to 4 wires and 4 wires to 5 wires.

Customers toll free assistance

### Other Quality SCI Products:

- Multi Zone Systems
- BTU Analyzer
- Flush Mount Thermostats
- Communicating Thermostats
- 365 Day Programmable Thermostats
- Modulating Output Thermostats



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