



KCA Cabinet Heater

Elaborated Description of Options

RT= Remote Thermostat

When a 24 v Thermostat is placed some distance away from the heater for best control or some sort of dry contact remote from the heater (energy Management) is used to activate the heating mode.

R= Relay only

Requires external 24 volt power supply from say a cooling system thermostat is providing the 24 volt to activate the heating so that there is only one transformer in the system.

RV= Remote Ventilation

Remote control of the fan only mode from a thermostat with a fan switch or energy management system.

RHL= Remote High Low Relay

Remote 24 volt control of fan speed by a thermostats fan switch or a light, or toggle switch.

ROO= Remote Off/On

To tie an energy management system into the heater, remotely can tell it to run or stand by, or from a timer control, Light switch or window contacts.

T-AV=Thermostat Single Pole Tamper Proof

Line or low voltage onboard Slotted thermostat shaft hidden behind the grill adjustable through a hole in the grill.

T2S=Thermostat two Stage Tamper Proof

Tamper proofed, Adjustable with a screw driver slot in the thermostats end of shaft and a hole in the grill, Built into the heater and controls the heating elements in a two stage arrangement so that the heater should run on half power during mild temperatures.

DS-40= Disconnect switch 40 Amp max capacity (de-rated less 25%)

DS-80= Disconnect switch 80 Amp max capacity (de-rated less 25%)

Typically a Service Disconnect switch in the heater to repair it without having to find the breaker panel.

IV= Thermostat bypass switch (full on/ or Auto)

A thermostat bypass switch for full on during colder than normal weather were recovery on an entryway is near impossible.

HL= High Low line voltage fan selector switch

Adjusts the fan speed for quieter operation or increased fan speed , can aid in outside air intake volumes required.

OO= On /Off Switch

Disconnects the thermostat from operating.

AF=Air Infiltration

Adjustable solid damper in the back side of the heater to induce fresh air and temper it providing Passive air for code compliance.

AFM=Air Infiltration Motorized

Damper motor opens to preset air percentage requirements in the back side of the heater to induce fresh air, tempers it providing code compliance and then damper closes, 24 volt damper motor with spring return operating during heating only or fan only operation.

Control Options

MODEL	DESCRIPTION
KCA-RT	24V relay with transformer
KCA-R	24V relay without transformer
Product no-RV	Factory installed 24V fan relay
Product no-RHL	Factory installed 24V relay (Hi / Lo)
Product no-ROO	Factory installed 24V relay (On / Stand by)
KCA-T-AV	Single-pole tamperproof thermostat
Product no-T2S	2-Stage tamperproof thermostat (Factory installed Only)
Product no-DIS40	Factory installed disconnect switch, 40A
Product no-DIS80	Factory installed disconnect switch, 80A
Product no-IV	Factory installed On / Auto switch
Product no-HL	Factory installed Hi / Low switch
KCA-OO*	On / Off switch
Product no-AF****	Fresh air inlet
Product no-AFM****	Power operated fresh air inlet

****Do not install built-in thermostat with these options