



ACH045 TO ACH085

Dryout / New Construction Thermostats



Scan to see a full
specifications, installation
and agency certification
information.

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



FEATURES

- ✓ Two-wire installation
- ✓ Seven fixed set point models to choose from: 45°F to 85°F
- ✓ Temporary use for dryout applications
- ✓ Can be used as a low ambient cutoff switch

SPECIFICATIONS

- **Input:** 18-30 VAC
- **Output:** 2 amp maximum
- **Temperature control range:** 45°F to 85°F ($\pm 9^\circ F$)

OVERVIEW

The **ACHo45** to **ACHo85** series thermostats are low-cost, single set point thermostats intended for use as temporary devices to provide heating or cooling to allow drywall to dry during construction. They also can be used as a low ambient cutoff switch.

Heat/Cool Thermostat

The heating models will close when the ambient temperature drops below the respective set point and open when the ambient temperature is above the respective set point. The cooling models will close when the ambient temperature is above the respective set point and open when the ambient temperature drops below the respective set point.

Low Ambient Cutoff: Condenser Fan Motor

The **ACHo45** and **ACHo55** models can be used as a low ambient cutoff switch for a condenser fan motor. When the ambient temperature drops below the set point, the unit will open the fan signal and turn the fan motor off. It will not allow the fan to turn back on until the temperature rises above the set point.

Low Ambient Cutoff: Compressor

The **ACHo45** and **ACHo55** models can also be used as a low ambient cutoff switch for the compressor when wired in series with the Y circuit from the thermostat. When using with the compressor circuit, an anti-short cycle timer is recommended to prevent possible damage to the compressor from short cycling.

REPLACES

Part Number	ACHo45	ACHo55	ACHo60	ACHo65	ACHo70	ACHo75	ACHo85
Temperature Range*	45°F $\pm 9^\circ$	55°F $\pm 9^\circ$	60°F $\pm 9^\circ$	65°F $\pm 9^\circ$	70°F $\pm 9^\circ$	75°F $\pm 9^\circ$	85°F $\pm 9^\circ$
2-Wire	✓	✓	✓	✓	✓	✓	✓
Heat			✓	✓	✓		
Cool	✓	✓				✓	✓

* Consult factory for other set points

Content and specifications on sell sheets subject to change without notice.



7313 William Barry Blvd. North Syracuse, NY 13212

www.icmcontrols.com | 1-800-365-5525 | info@icmcontrols.com