

SERVICE REPLACEMENT THERMOSTATS

Introduction

Heldon offer a complete range of service replacement thermostats designed to give equivalent if not superior performance to the OEM units that they are designed to replace.

Quality Heldon and Ranco Invensys service replacement thermostats are available to cover the requirements of domestic, light commercial and commercial refrigeration and air conditioning applications.

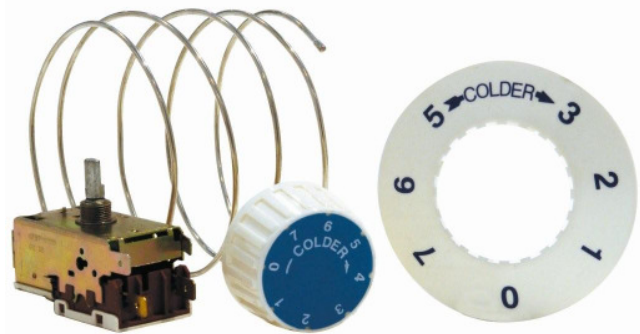
Ranco Invensys also offer more specialised temperature related controllers such as ice bank thickness and ice bin level controls.

Simply contact Heldon for all your service replacement thermostat needs.

For domestic and light commercial refrigeration

Twelve models of replacement thermostats have been developed by Heldon, featuring greater regulating ranges than other brands suited to common domestic and light commercial refrigeration equipment. In addition, the Heldon 4000 series thermostats feature a wider differential ensuring sufficient compressor 'off-time' between restarts.

Heldon also offer a comprehensive range of Ranco service replacement thermostats so as to provide its customers with a complete solution for temperature control requirements.



Features

1. Snap action contacts rated to 6 amps inductive load at 250V (16 amps for 4000-08).
2. All connections are spade terminals.
3. All kits come with the necessary components for trouble free fitting.
4. The knobs supplied are multi indexed.

Benefits

1. Components designed to deliver long service life.
2. For quick and easy change over.
3. Everything you need comes with the kit.
4. Enables correct calibration so that original cabinet design characteristics can be maintained.

Standards												
Heldon Part No.	Ranco Part No.	Application	Dial Kit	Cold		Warm		Def. Term °C	Normal		Signal Op °C	Length (mm)
				Out °C	In °C	Out °C	In °C		Out °C	In °C		
4000-01	VC-1	Compressor Refrigerator Single Door	Yes	-23			+2		-14.5	-5		1200
4000-02	VA-2	Electric Absorption Refrigerator	Yes	-18			+3.5		-4.5	-0.5		2000
4000-03	VF-3	Freezer and Ice Cream Cabinet	Yes	-34		-16.5	-12		-2.4	-18		2000
4000-04	VP-4	Compressor Refrigerator Push button Defrost	Yes	-25		-10.4	-4	+5.5	-18	-9.5		1200
4000-05	VS-5	Freezer with Standard Signal	Yes	-34		-16.5	-12		-24	-18	Cut in 5.5 above	2000
4000-06	VR-6	Freezer with Reverse Signal	Yes	-34		-16.5	-12		-24	-18	Cut out 5.5 above	2000
4000-07	VB-7	Bottle or Beverage Cooler	Yes	-3	+2		+12.5				Cut out 5.5 above	1200
4000-08	VW-8	Window Air Conditioner (Cooling Only)	Yes	+15	+18		+34					1200
4000-09	VT-9	Two Door Cyclic Defrost Refrigerator	Yes	-26		-11	+3.5				Constant Cut In	1200
4000-12	-	Suit Commerical B6138	No	-12	5	-5.2	5				Constant Cut In	950
4000-27	-	Suit Email B6043	No	-27.5	+4	-16.5	+4				Constant Cut In	1000
4000-31	KP59-P4914	Moist Cold	No	-31	3.5	-17	3.5				Constant Cut In	1150

Thermostat Cross Reference

Application	Heldon	Ranco	Danfoss	Robert-Shaw
Compressor Refrigerator Single Door	4000-01	VC-1	077B7001	RC-1
Electric Absorption Refrigerator	4000-02	VA-2	077B7004	RC-6
Freezer and Ice Cream Cabinet	4000-03	VF-3	077B7005	RC-31, RC-5
Compressor Refrigerator Push Button Defrost	4000-04	VP-4	077B7002	RC-0
Freezer with Standard Signal	4000-05	VS-5	077B7006	RC-5
Freezer with Reverse Signal	4000-06	VR-6	077B7007	RC-5
Bottle or Beverage Cooler	4000-07	VB-7		
Window Air Conditioner (Cooling Only)	4000-08	VW-8		
Two Door Cyclic Defrost Refrigerator	4000-09	VT-9	077B7003	RC-2, RC-9
Suit Email B6043	4000-27		077B6043	
Moist Cold	4000-31	KP59-P4914		

Ranco Invensys

For commercial refrigeration applications

“O” Series Commercial Refrigeration Temperature Controls 2000mm capillary IP44 rating, 17amp inductive load, SPDT

Part No.	Description	Order Q'ty
O16-6950	Thermostat -35°C/-7°C adj diff	1
O16-6951	Thermostat -18°C/13°C adj diff	1
O16-6954	Thermostat -5°C/25°C adj diff	1

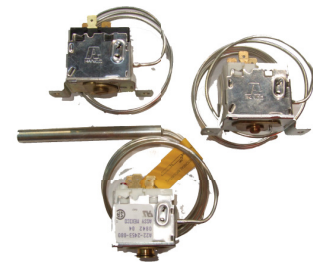


Ranco Invensys

Specialised temperature controls

Adaptable Cold Controls

Part No.	Description	Order Q'ty
A22-1129-00	Ice bin level control	1
A22-2217-057	Crystal tips harvest control	1
A22-2453	Air conditioner adaptable cold control, SPDT	1
C17-177	Air conditioning auto heat cool switch	1



Commercial Ice Bank Controls

Part No.	Description	Order Q'ty
O18-100-080	Ice bank control mechanical aftermarket	1
E37-M1201	Ice bank & liquid level control electronic	1
VTD9	Ice maker harvest general replacement	1

