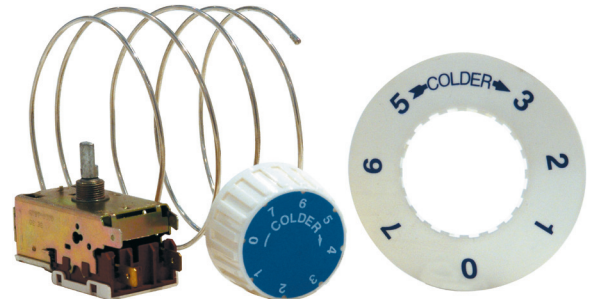


## Introduction

Heldon service replacement thermostats are designed to give equivalent or superior performance to the OEM units they can replace. Twelve variants have been developed with a greater regulating range than standard to suit most common domestic and light commercial refrigeration equipment. Unique to Heldon service thermostats is a wider differential to ensure sufficient compressor stand time between re-starts.

These thermostats feature snap acting contacts rated at 6 amps inductive load at 250V and the 4000-8 16 amps at 250V. All connections are spade terminals for quick easy change over and all kits come with the necessary components for trouble free fitting. The knobs supplied are multi indexed and enable the correct calibration so that the original cabinet design characteristics can be maintained.



## Standards

New Part Number	Old Part No.	Application	Dial Kit	Cold		Warm		Def Term °C	Normal		Signal Op °C	Length
				Out °C	In °C	Out °C	In °C		Out °C	In °C		
4000-01	HTC1-0000	Compressor Refrigerator Single Door	Yes	-23		+2			-4.5	-0.5		1200
4000-02	HTA2-0000	Electric Absorption Refrigerator	Yes	-18		+3.5						2000
4000-03	HTF3-0000	Freezer and Ice Cream Cabinet	Yes	-34		-16.5	-12		-2.4	-18		2000
4000-04	HTP4-0000	Compressor Refrigerator Push button Defrost	Yes	-25		-10.4	-4	+5.5	-18	-9.5		1200
4000-05	HTS5-0000	Freezer with Standard Signal	Yes	-34		-16.5	-12		-24	-18	Cut in 5.5 above Cut In	2000
4000-06	HTR6-0000	Freezer with Reverse Signal	Yes	-34		-16.5	-12		-24	-18	Cut out 5.5 above Cut In	2000
4000-07	HTB7-0000	Bottle or Beverage Cooler	Yes	-3	+2		+12.5				Cut out 5.5 above Cut In	1200
4000-08	HTW8-0000	Window Air Conditioner (Cooling Only)	Yes	+15	+18		+34					1200
4000-09	HTT9-0000	Two Door Cyclic Defrost Refrigerator	Yes	-26		-11	+3.5				Constant Cut In	1200
4000-27	HT27-0000	Suit Email B6043	No	-27.5	+4		-16.5	+4			Constant Cut In	1000
4000-31	HT31-0000	Moist Cold	No	-31	3.5		-17	3.5			Constant Cut In	1150
4000-12	HT12-0000	Suit Commerical B6138	No	-12	5		-5.2	5			Constant Cut In	950

## Thermostat Cross Reference

### Application

Compressor Refrigerator Single Door  
 Electric Absorption Refrigerator  
 Freezer and Ice Cream Cabinet  
 Compressor Refrigerator Push Button Defrost  
 Freezer with Standard Signal  
 Freezer with Reverse Signal  
 Bottle or Beverage Cooler  
 Window Air Conditioner (Cooling Only)  
 Two Door Cyclic Defrost Refrigerator  
 Suit Email B6043  
 Moist Cold  
 Suit Commerical B6138

### Heldon

4000-01  
 4000-02  
 4000-03  
 4000-04  
 4000-05  
 4000-06  
 4000-07  
 4000-08  
 4000-09  
 4000-27  
 4000-31  
 4000-12

### Ranco

VC1  
 VA2  
 VF3  
 VP4  
 VS5  
 VR6  
 VB7  
 VW8  
 VT9  
 KP59-P4914

### Danfoss

077B7001  
 077B7004  
 077B7005  
 077B7002  
 077B7006  
 077B7007  
 077B7003  
 077B6043  
 4000-12

### Robert-Shaw

RC-1  
 RC-6  
 RC-31, RC-5  
 RC-0  
 RC-5  
 RC-5  
 RC-2, RC-9