

Retrofitting Samsung Compressor to RR Model Coolers

OASIS now uses the Samsung CD124Q L1Z2 compressor (Oasis part number 034549-001) in place of the Danfoss TL2.5F unit. If you need to install a new compressor in a cooler that you are refurbishing, then OASIS recommends that you disconnect **all** of the wiring and install new wiring. Follow the instructions given below.

Note - Compressor comes supplied with relay, relay cover and overload.

COOK & COLD RR COOLERS

- Remove Danfoss relay cover and disconnect following wires:
 - White wire from IEC inlet
 - Black wire from IEC inlet
 - Two black wires from cold control
- Trace each of the 4 wires and disconnect the other end – these wires can now be discarded
- Remove the Danfoss compressor
- Install the Samsung compressor and solder into the refrigerant circuit
- Connect the new lead wires as detailed in the table below:

Part Number	Colour	From	To	Length (mm)	Terminal 1	Terminal 2
017340-569	Black	IEC	T1 on C/Control	762	F	R
017340-563	Black	T2 on C/Control	T1 on Relay	889	R	R
022883-267	White	IEC	T2 on Relay	254	F	R

Fit the relay to the compressor

Use cable ties to attach wires to the strut and heat exchanger

HOT & COLD RR COOLERS

- Remove Danfoss relay cover and disconnect following wires:
 - White wire from IEC inlet
 - Black wire from IEC inlet
 - Two black wires from cold control
 - Red wire from hot tank switch
 - White wire from hot tank
- Trace each of the 6 wires and disconnect the other end – these wires can now be discarded
- Remove the Danfoss compressor
- Install the Samsung compressor and solder into the refrigerant circuit

Part Number	Colour	From	To	Length (mm)	Terminal 1	Terminal 2
017340-569	Black	IEC	T1 on C/Control	762	F	R
017340-563	Black	T2 on C/Control	T1 on Relay	889	R	R
022883-267	White	IEC	T2 on Relay	254	F	R

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021929-234	Red	HT Switch	IEC (Black)	914	F	N
022883-306	White	HT	IEC (White)	711	F	N

Notes:

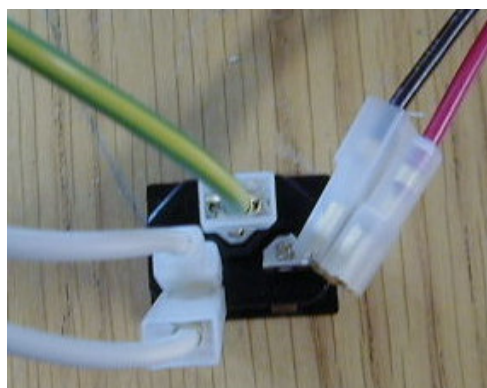
- Connect the straight end of 022883-267 to the “double” end of 022883-306 & then connect the assembly to the IEC inlet
- Connect the straight end of 017340-569 to the “double” end of 021929-234 & then connect the assembly to the IEC inlet

Key:

F	1/4" straight receptacle (insulated)
R	1/4" flag receptacle (insulated)
G	Ring terminal
N	1/4" straight receptacle (insulated) + male tab



Connection of Wires to Relay



Connection of Wires to IEC (Hot Model)