

ECF3 Electric Furnace Thermodisc Sequencer Replacement Kit Instructions

Kit installation shall be completed by qualified agency.

⚠ WARNING

Fire, explosion, asphyxiation and electrical shock hazard. Improper installation could result in death or serious injury. Read this instruction and understand all requirements, including requirements of authority having jurisdiction, before beginning installation. Installation not complete until appliance operation verified per Installation, Operation & Maintenance Manual provided with furnace.

⚠ WARNING

Electrical shock hazard. Turn OFF electrical power supply at service panel.

- Remove front panel.
- Locate sequencers, See Figure 1
 - 10kW has one sequencer
 - 15/18/20kW has two sequencers
 - 23/27 kW has three sequencers

Figure - 1 Sequencer Location

15kW Unit with
two sequencers
and three heating
elements shown



- All Zettler sequencers can be replaced with corresponding Thermodisc replacement sequencers

Sequencer Usage per Element Assembly						
Capacity	10 kW	15 kW	18 kW	20 kW	23 kW	27 kW
Assy Part No.	240008472	240008473	240008474	240008475	240008476	240008477
Sequencer 1	08-3111-00	08-3111-00	08-3111-00	08-3111-00	08-3111-00	08-3111-00
Sequencer 2	-	08-3113-00	08-3112-00	08-3112-00	08-3112-00	08-3112-00
Sequencer 3	-	-	-	-	083113-00	08-3112-00

Figure - 2 Typical Zettler Sequencer (08-3112-00 shown)

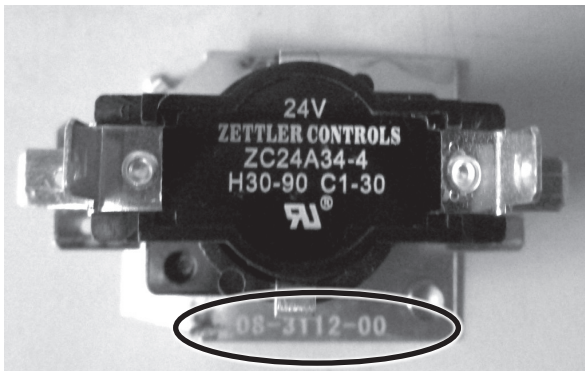
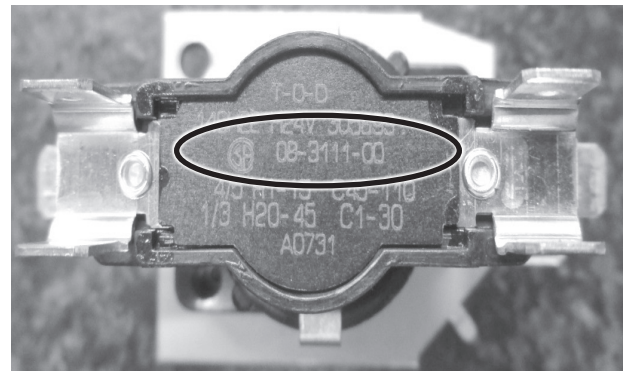


Figure - 3 Typical Thermodisc Sequencer (08-3111-00 shown)



- Replace one sequencer at a time.
 - With wires still connected, remove old sequencer from element assembly base plate.
 - Install new sequencer on element assembly base plate.
 - Remove wires one at a time from old sequencer and install on corresponding terminal on new sequencer.
- Replace IOM and Parts Manual
 - IOM 240008482 REV B [07/2013]
 - Parts Manual 240008578 Rev B [07/2013]
- Replace wiring diagram label with latest revision
 - ECF310 10kW use 2400010221 Wiring Diagram Label
 - ECF315 15kW use 2400010222 Wiring Diagram Label
 - ECF318 18kW use 2400010223 Wiring Diagram Label
 - ECF320 20kW use 2400010223 Wiring Diagram Label
 - ECF323 23kW use 2400010224 Wiring Diagram Label
 - ECF327 27kW use 2400010225 Wiring Diagram Label