MCII®

Tempatrol® Microprocessor Control and Diagnostic Settings

Control Settings

Power Up Temperature

Unit reds box temperature.
To read set temp, press temp.
To change temp, press temp up/down.
Temp setting can be:
Refrigerator 34°F to 45°F (recommended 36°F to 40°)
Freezer - 5°F to 10°F
(recommended setting at 0°)
Press reset or temp to return to normal display

Defrost

A, 3, 4, 6 or 8 will display. A=Auto (Light Usage Only)

- 3,4,6 or 8 = # of defrosts per 24 hour period.

- Control will space evenly over a 24 hour period.

- Factory sets defrost at "4"

To Change:

1. Press Defrost

2. Press up/down

3. Id you selected #, press defrost again.

4. Time of first defrost will appear

5. Press up/down to change time.

6. Press defrost/reset.

To stop a defrost press reset

For manual defrost press defrost time at the same time

Time of Day

1. Press time

2. Press up/down

3. Press time/reset.
   Time of day should be reset anytime there is a power interruption.

Clean Condenser Light

- Lights ever 90 days.

- Press reset to clear

Door Ajar Light

- Light on immediately, after one minute

- Temperature flashing

- Beep - after three minutes

Flashing Temp Display
Overtemp

- Freezer reaches 32°F

- Refrigerator reaches 65°F

- Check product

Long Duty Cycle

- One hour continuous compressor run, without opening doors.

- Condition will stop if reset is pressed, door is opened, compressor shuts off.

- Check product.

Check System
If "Check Systems" light comes on, call Delfield's Service Department at **1-800-733-8821**.

Diagnostic Control Settings

STAGE ONE (down=time then temp)

000-No problem
001-Check refrigerant (press time)
002-Turn on compressor (press time)
003-Turn on lights (press time)
004-Turn on defrost heater (press time)
005-Preset factory code (press time)
006-Preset factory code (press time)
007-Check control

STAGE TWO(defrost) (use up/down)
000-Temp scale F or C
001-Turn evaporator fan (press time)
002-Turn on compressor (press time)
003-Turn on lights (press time)
004-Turn on defrost heater (press time)
005-Preset factory code (press time)
006-Preset factory code (press time)
007-Preset factory code (press time)
008-Clear old fail codes (press time)
009-Preset factory code (press time)
010-Clear old fail codes (press time)
011-Clear old fail codes (press time)
012-Clear old fail codes (press time)
013-Clear old fail codes (press time)
014- 015-Clear old fail codes (press time)
016-Check VFD (press time to light entire display)

STAGE THREE
Changing factory codes while holding "time" Use up/down to change numbers

FACTORY CODES (as seen in Stage Two)
Always consult factory before adjusting Factory Codes
005-Defrost temp limit (40° to 70° to no limit)
006-Defrost time limit (15-19 minutes to no limit)
007-Fan delay cut-in temp (10° to 50° to no delay)
009-Control lock (lock or unlock)
010-Over temp alarm (over set point for 60 minutes or 5°, 10° or 15° over the set point)
011-Power up display (temp, flashing temp or flashing time)
012-Basic function (refrigerator or freezer)
013-Differential (±3, ±2, ±1)
015-Temp range limits (between -20° to 60°F)

By adjusting these codes, control can be adapted for almost any application.

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