

## *Resetting factory default programming and service settings on +4°, -20°, & -30°C IntrLogic Refrigerator/Freezer*



There are a few reasons a factory default may be required:

- If a unit control starts behaving improperly
- To get a baseline for troubleshooting unit
- Save time in setting defaults instead of changing every parameter one by one
- When new board is installed this may be required (follow installation instructions that come with new board).

|                                       |
|---------------------------------------|
| <b>Product Serial # or model #</b>    |
| <b>Revision Date: August 22, 2016</b> |
| More text: Here                       |

OLD



NEW!



1. Turn key switch to the off position.
2. Press and hold up and down arrow while turning key switch to the on position. Continue to hold for 3 seconds, then release.
3. All parameters have returned to factory default. To verify default settings press and hold the center button until "PRG" (program mode) is shown. Once in program mode, release the button and press the center button once again until "SER" (service mode) is displayed.
4. Refer to factory default chart on page 3.

### IntrLogic Mnemonics in Programming / Service Modes

| Mnemonic          | Parameter                           | Value  |                 | Explanation  |
|-------------------|-------------------------------------|--|-----------------|--|
|                   |                                     | Range  | Typical         |  |
| —                 | Cold Alarm <sup>3</sup>             | 0 to (SP-1)  | 1.5             | Cold alarm threshold (refrig only)   |
| —                 | Warm Alarm                          | (SP+1) to 16°<br>(SP+1) to -10°                    | 5.5<br>-10 /-20 | Warm alarm threshold – Refrig<br>Warm alarm threshold – Freezers   |
| —                 | Display Offset                      | -3 to +3C<br>-10 to +10                            | 0.0C            | To adjust display to match an internal thermometer   |
| —                 | Line Voltage <sup>1,2</sup>         | 110v or 230v                                       |                 | Indicates current line voltage; adjusted by R1 on the power supply board (set for +/-2volts from actual)   |
| Cut On (Setpoint) | Compressor threshold <sup>3</sup>   | 1 – 15C  | 5-6C            | Because compressor operation is based upon evaporator temperature, this value may be adjusted as necessary to achieve the desired chamber condition. |
| dIF               | Differential <sup>3</sup>           | 1 – 8C   | 3C              | Adjusts On/Off cycling of the compressor.  |
| DEF Int           | Defrost Interval                    | 1 - 5 hours  | 1               | Number of hours between defrost cycles   |
| DEF dur           | Defrost Duration <sup>3</sup>       | 0 – 30 minutes                                     | 15              | Limits length of defrosts to prevent exceeding Warm Alarm.   |
| DEF HI            | Defrost Hi temp limit <sup>3</sup>  | 1 – 10C  | 4C              | Limits temperature excursion during defrosts.  |
| SHO CYC           | Short Cycle prevention <sup>3</sup> | 0 – 15   | 1               | Limits short-cycling.  |
| Cnt Prb           | Control Probe value <sup>3</sup>    | 2C - 8C typical                                    |                 | Displays control probe temperature.  |
| nET Adr           | RS485 Network Address <sup>2</sup>  | 0 or 255   |                 | Used to permit monitoring multiple units on same monitoring system   |
| DEF Prb           | Defrost Probe value                 | 0 – 8C typical – refrig<br>-22 or -35 for freezers |                 | Displays defrost probe (evaporator) temperature.   |

<sup>1</sup> Not on all models  
<sup>2</sup> Applicable only to units built after 4/14/99 (Service mode)  
<sup>3</sup> Only on +4C cabinets

This procedure applies to the models listed below:

|          |          |         |         |          |           |
|----------|----------|---------|---------|----------|-----------|
| BB124    | FRBB2304 | IUF3023 | LF2330  | PPL5030  | RX423     |
| BB234    | FRBB3004 | IUF3030 | LF3030  | PR234    | RX430     |
| BB304    | FRBB404  | IUF3050 | LF430   | PR504    | RX450     |
| BB46     | FRBB5004 | JBB2304 | LF5030  | REB1204  | TSFMS2305 |
| BB504    | FRCR2304 | JBB3004 | LR124   | REB2304  | TSFMS2320 |
| CC234    | FRCR3004 | JBB3004 | LR234   | REB3004  | UEN2320   |
| CC304    | FRCR4504 | JBB404  | LR304   | REB404   | UEN3020   |
| CC454    | FRCR5004 | JBB5004 | LR412   | REB5004  | UFP1230   |
| CC504    | FRCR7504 | JLF1230 | LR423   | REC2304  | UFP2330   |
| CC754    | FRGG404  | JLF2330 | LR430   | REC3004  | UFP3030   |
| FC423    | FRGG1204 | JLF3030 | LR44    | REC4504  | UFP430    |
| FC430    | FRGG2304 | JLF430  | LR445   | REC5004  | UFP5030   |
| FC445    | FRGG3004 | JLF5030 | LR450   | REC7504  | UGL2320   |
| FC450    | FRGG5004 | JLR2304 | LR454   | REL1204  | UGL3020   |
| FC475    | FRGG7504 | JLR3004 | LR46    | REL2304  | ULT1230   |
| FFEN2320 | FRGL1204 | JLR3004 | LR475   | REL3004  | ULT2330   |
| FFEN3020 | FRGL2304 | JLR404  | LR504   | REL404   | ULT3030   |
| FFGL1230 | FRGL3004 | JLR5004 | LR754   | REL4504  | ULT430    |
| FFGL2320 | FRGL404  | JPL1230 | LRG46   | REL5004  | ULT5030   |
| FFGL2330 | FRGL4504 | JPL2330 | LRG124  | REL7504  | UPF1230   |
| FFGL3020 | FRGL5004 | JPL3030 | LRG234  | RFMS2305 | UPF2330   |
| FFGL3030 | FRGL7504 | JPL430  | LRG304  | RFMS2320 | UPF3030   |
| FFGL430  | FRPH1204 | JPL5030 | LRG504  | RGL404   | UPF430    |
| FFGL5030 | FRPH2304 | JPR2304 | LRG754  | RGL1204  | UPF5030   |
| FFMS2305 | FRPH3004 | JPR3004 | PBB404  | RGL2304  | VCR2304   |
| FFMS2320 | FRPH5004 | JPR5004 | PBB1204 | RGL3004  | VCR3004   |
| FFPF1230 | IEN2023  | JRG404  | PBB2304 | RGL5004  | VCR4504   |
| FFPF2330 | IEN2030  | JRG1204 | PBB3004 | RGL7504  | VCR5004   |
| FFPF3030 | IGL2023  | JRG2304 | PBB5004 | RPR1204  |           |
| FFPF430  | IGL2030  | JRG3004 | PPL1230 | RPR2304  |           |

FFPF5030

IUF3004

JRG5004

PPL2330

RPR3004

FRBB1204

IUF3012

LF1230

PPL3030

RPR5004