

Instructions

iLeaf² Plus 91-223



Compressor Running



Warning: Temperature is too warm (display flashing) / fault if service is illuminated




Service required / In settings mode

PF

Probe Fault

Changing calibration value (probe match)

Power up unit pressing  to set probe calibration after the unit displays the following,

LEAF-2 PLUS




r 1.0

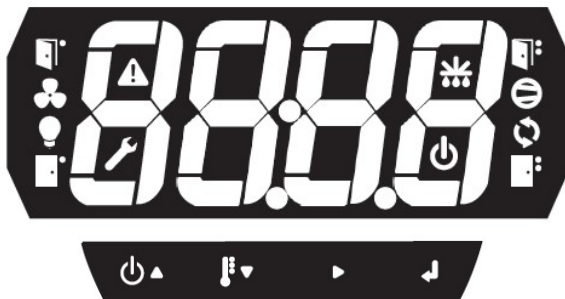
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Release the button to change the value

Press  and  to change the value and press  to exit and store the new value. NB The probe calibration value can be found on the probe.



Electrical

Input Voltage: 12V DC +/-10%
Inrush Current: 80A
Holding Current: 16A (resistive)
Connections: Live, Compressor Live, Low Voltage 485 Plug-in

Mechanical

Dimensions: H34 x W74 x D77 (mm)
Cut Out: W71 x H29 (mm)

Environmental

Front IP65, Rear IP54
Operating Temperature: 0° to 40°C
Storage Temperature: -20° to 60°C
Relative Humidity: 0% to 90% non-condensing

Material

Parts: Polycarbonate body and lens, clips POM,
Flame Retardant
Gasket: Neoprene Rubber


Design & Manufacture

Designed & Manufactured to ISO9001:2015 / ISO14001:2015
CE Compliant, RoHS Compliant
MTBF 5 years

Probe Accuracy



Calibrated probe +/-0.2 Deg C @ 0 Deg C. (Ice Bath Only)
Un-Calibrated probe +/-0.6 Deg C @ 0 Deg C. (3 Probes)


Configuration of settings

Press  for 3 sec and release to configure

Set point: $t-2.0$ press  /  to adjust,  to proceed.

Hysteresis: $h 1.5$ press  /  to adjust,  to proceed.

Reset - $r 5t$ Press  to reset to factory default,  to exit menu. This will automatically revert to displaying the temperature after 30 seconds, any changes to settings that have been made will be lost.

Clean Mode - Press  for 2 seconds to place in standby for 2 hours the standby symbol will be display on the screen during this period and the words [Ln. The compressor will not run during this period.

Connection details



WARNING: ISOLATE THE COOLER UNIT FROM ALL POWER SUPPLIES BEFORE CARRYING OUT INSTALLATION. REMOVE THE PLUG FROM THE WALL.

Protect the i-Leaf² controller from adverse conditions. Do not drop the i-Leaf² controller. Do not expose the i-Leaf² controller to solvents. Clean the exterior of the i-Leaf² controller by removing dust and dirt with a dry cloth. Do not use abrasives or chemical cleaning agents to clean the i-Leaf² controller.