

# iLeaf<sup>2</sup> Core Operating Instructions



## Instructions

### iLeaf<sup>2</sup> Core 91-221



Compressor Running



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



Service required / In settings mode

**PF**

Probe Fault

**ALERT to Hot**

Ice bath is to warm


**Probe FAULT**

Check the probe

**CLEAN running**

In Clean Mode

### Changing calibration value (probe match)

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

**LEAF-2 Core**




**r 1.0**

**CAL**

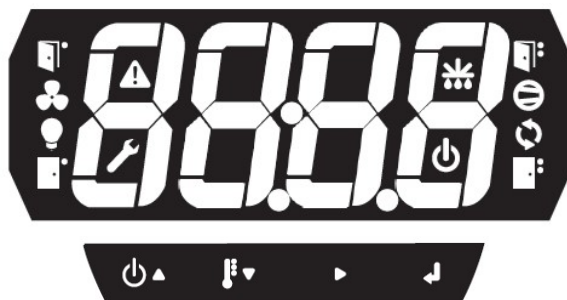
**285**

**CAL**

Release the button to change the value

Press  and  to change the value, press  to exit and store the new value.

Note: The probe calibration value can be found on the probe.



### Electrical

Input Voltage: 230V ac +/-10%

Inrush Current: 80A

Holding Current: 16A (resistive)

Connections: Live, Neutral, Compressor Live

### Mechanical

Dimensions: H34 x W76 x D68 (mm)

Cut Out: W71 x H29 (mm)

### Environmental

Front IP65, Rear IP54\* (\*using rubber boot)

Operating Temperature: 0° to 50°C

Storage Temperature: -20° to 70°C

Relative Humidity: 0% to 90% non-condensing

### Material

Parts: Polycarbonate body and lens, clips POM

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.




Un-calibrated probe +/-0.6 Deg C @ 25 Deg C


## Configuration of settings

Press  for 3 sec and release to configure

Set point: **E-2.0** press  /  to adjust,  to proceed.


Hysteresis: **H 1.5** press  /  to adjust,  to proceed.

Diagnostics: **d 189** press  /  to view max and min readings,  to proceed.

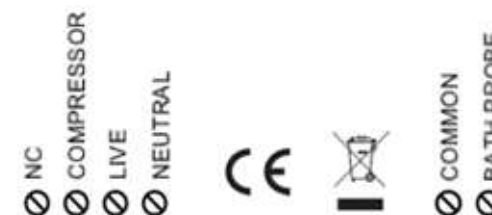
Reset - **r 5t** Press  to reset to factory default,

Press  to exit menu and return to the temperature display.

Note: Settings will automatically revert to displaying the temperature after 30 seconds, any changes 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 **CLEAN** 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-Leaf<sup>2</sup> controller from adverse conditions.

Do not drop the i-Leaf<sup>2</sup> controller.

Do not expose the i-Leaf<sup>2</sup> controller to solvents.

Clean the exterior of the i-Leaf<sup>2</sup> controller by removing dust and dirt with a dry cloth.

Do not use abrasives or chemical cleaning agents to clean the i-Leaf<sup>2</sup> controller.