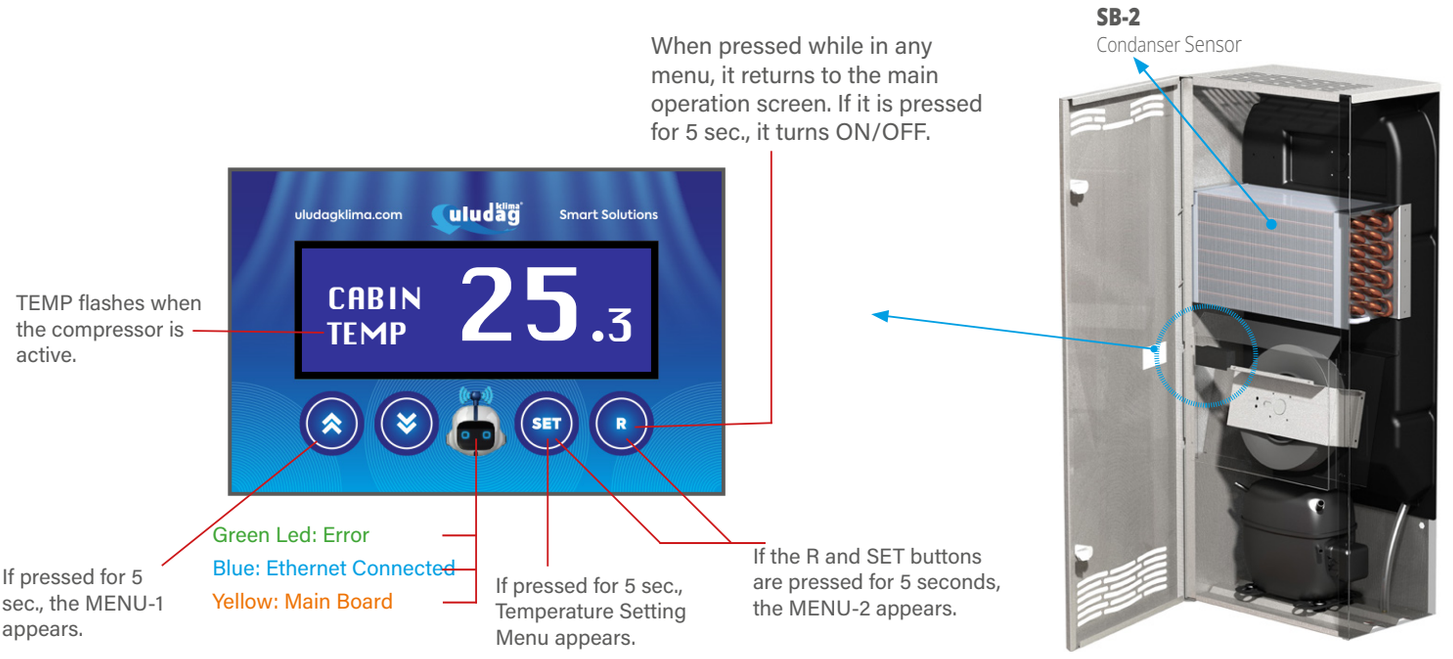
Digital Display
Enclosure **Cooler**



- Cooling (compressor) runs when the enclosure internal temperature is higher than SET value + Hysteresis value.
- When the internal temperature of the cabinet reaches the SET value, the cooling (compressor) stops.

Our air conditioners
have a three-sensor monitoring system.

SB1 Environment Sensor:

Measures the air absorbed through the enclosure and allows the compressor to operate up to the set temperature. Cooling stops when the set temperature is detected in the environment sensor. When the set point + 4° difference is detected, the compressor is activated again and cooling starts.

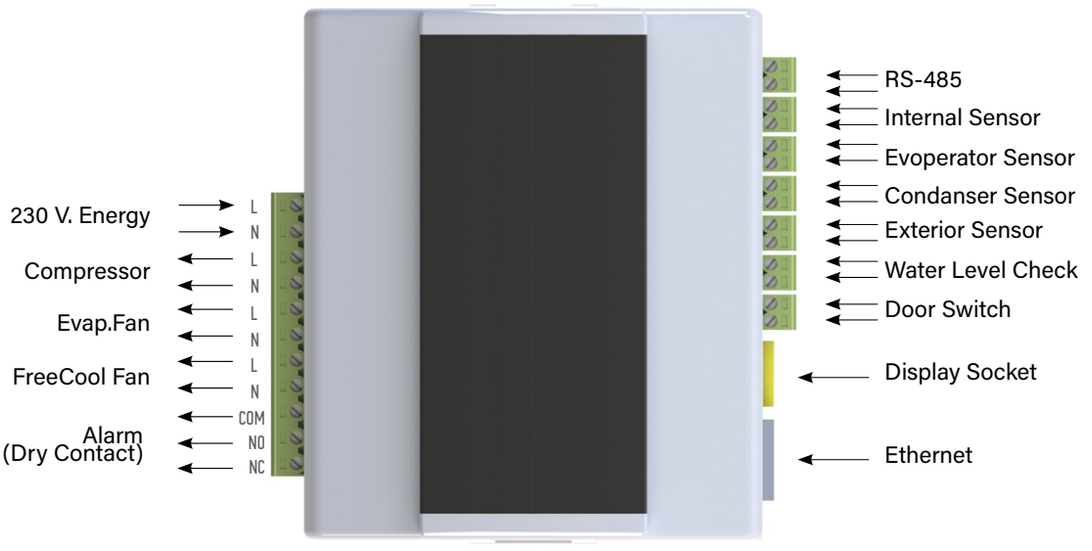
SB2 Condanser Sensor:

The enclosure cooling system continuously checks the condenser surface by measuring it. Dusting on the condenser surface or if there is an extreme increase in outdoor temperature and the unit surface temperature exceeds 75°C, the system will turns off cooling to protect the compressor. Automatically fix the error if the condenser surface drops below 75°C and the enclosure cooling system resumes normal operation.

SB3 Evaporator Sensor:

The control unit continuously checks the evaporator surface by measuring it. If there is dust on the evaporator surface or a problem with the fan and the unit surface temperature drops below 3°C, it stops cooling to protect the compressor.

CONTROL UNIT



MENU-1

–> SET ALARM ALARM ON	Indicates Alarm Active / Disabled Status.
–> LIMIT TEMP LIMIT ON	Set Lower Lock Changes State. (Lock: 26 °C)
–> BUZZER TONE TONE ON	Changes The Key Sound. On / Off
–> SERIAL NO EA15XXXXXX	The serial number of the unit Appears
–> TEMP SYMBOL Celcius	The temperature unit appears.
–> SET DEFAULT PRESS OK KEY	Returns to Default Settings
–> RESTART SYS PRESS OK KEY	Restarts the System.
–> EXIT PRESS OK KEY	Exit

MENU-2

Changes Operating Mode. Cabinet / FreeCool / Tem / Heater / Water	–> CHANGE MODE TEMP.MON.
On Door Switch, Stop Evap Fan (ON)	–> DOOR EVP STATUS
Door Switch Relay, Open/Close NO/NC (OFF)	–> DOOR SWIT STAT
Hysteresis for Set Value (4 °C)	–> HYSTERS
Show EVAP Value on Main Screen (OFF)	–> SHOW EVAP SENS
Show Condenser Value on Main Screen (OFF)	–> SHOW KOND SENS
Sensors 2 and 3 are ON	–> SENSOR CONTROL
Create High Temperature Alarm (OFF)	–> HIGH TEMP SET
High Temperature Alarm Point (SET+20 °C)	–> HIGH TEMP POINT
Modbus Communication Rate (9600)	–> MODBUS BAND
Modbus ID Select (1)	–> MODBUS ID
Automatic Reset on Failure (ON)	–> AUTORESET STATUS
Setpoint in Freecool and Heater Mode	–> FC SET VALUE
Compressor Activates Manually	–> SERVICE MODE
Ethernet Mode (Online / Offline)	–> ETHERNET MODE
When Ethernet Mode is OFFLINE; Ethernet can be used for Modbus TCP communication	
Language Türkçe/English/Deutch	–> SET LANGUAGE ENGLISH
Exit	–> EXIT PRESS OK KEY

Important Note: Use the **SET** key to change the value while in the parameter.

Failure Messages

WATER SENSOR ERROR: Sensor Break / No Contact

FREECOOLING SENSOR ERROR: Break / No Contact

CONDANSER SENSOR ERROR: Break / No Contact

EVAP SENSOR ERROR: Sensor Break / No Contact

CABINET SENSOR ERROR: Sensor Break / No Contact

DOOR OPEN ERROR: Door Switch (NO)

CF FAILURE : Cooling Error, Gas Leakage or Compressor Failure

HTC Failure : High Condenser Surface Temperature (>72 °C)

HTP Failure : High Temperature (Set + High Temp.Point) °C

LTE Failure : Low Evaporator Surface Temperature (<3 °C)

WATER Failure: It occurswater contact + 1 minute