

Key Functions

	Press and Release to Display Alarms (if active), Open Machine Status menu to view and change Set Point and to view Probe Values.
	Press and Hold 5 Sec to Activate Standby
	Press and Release to Increase Parameter and Set Point Values Press and Hold 5 Sec to Activate Manual Defrost
	Press and Release to Decrease Parameter and Set Point Values

LED Functions

LED	Function	Model
	Fully Lit: Cool output active Flashing: Delay, protection or locked start-up	961/974
	Fully Lit: Defrost active Flashing: Manual or DI activation OR protection	961/974
	Fully Lit: Fan output active	974
	Fully Lit: Energy saving active Flashing: access to inst parameters	961/974
	Fully Lit: Cool output active Flashing: Delay, protection or locked start-up	961/974
1	Fully Lit: Heat output active	961
2	NOT USED	961
°F	Fully Lit: Degrees Celsius (dro=0)	961/974
°C	Fully Lit: Degrees Fahrenheit (dro=1)	961/974
AUX	Fully Lit: Auxiliary output active	974

Alarm Codes and Troubleshooting

Label	Fault	Action
E1	Room probe fault	Probe type, check probe wiring or replace probe
E2	Evap probe fault	Probe type, check probe wiring or replace probe
E3	Probe 3 fault	Probe type, check probe wiring or replace probe
AH1	High Temperature	Monitor for automatic reset
AL1	Low Temperature	Monitor for automatic reset
EA	External Alarm (DI)	Check cause of external digital input
OPd	Door open alarm	Close door or use delay function via parameter OAO
Ad2	Defrost end on time-out	Check Defrost device
COH	Probe 3 over temperature	Monitor for automatic reset

-Alarm labels are recorded into AL folder in Machine Status Menu

Operation

Machine Status and Set Point

To access the set point:

1. Press and release the **set** key. The screen will display "SE"
2. Press the **set** key to display the current set point value
3. To change the set point push the **↑** or **↓** keys within 15 sec
4. Accept the value by pressing **set** or **power**, or wait 15 sec for return to display

To view alarms and probe values:

1. Press and release the **set** key. The screen will display "SE"
2. To scroll push the **↑** or **↓** keys within 15 sec to find labels Pb1", "Pb2" or "AL"
3. Press **set** on the required label to view the value or alarm code

Parameter Programming

Quick Menu of parameters and are accessed as follows:

1. Press and hold for 5 sec the **set** key. The screen will either display "diF" (1st parameter on list) or PA1 if the User password is set (not set as default)
2. Using **↑** or **↓** scroll to the required parameter and press **set**.
3. The parameter value will display and can be changed by using **↑** or **↓**.
4. Accept the value by pressing **set** or **power**.



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Default Parameter Reset

If resetting of default parameters is required:

1. Power OFF the controller.
2. Press and hold the **set** key then power ON. The label "AP1" will display after lamp test.
3. Press **set** to accept. If the procedure is a success, "y", will appear on the display otherwise "n" will appear. The main display will appear after 5 seconds.



NOTE: To exit machine status and programming menus, press **power** until main display appears

For more detailed information refer to the operators manual or contact your local Eliwell Distributor