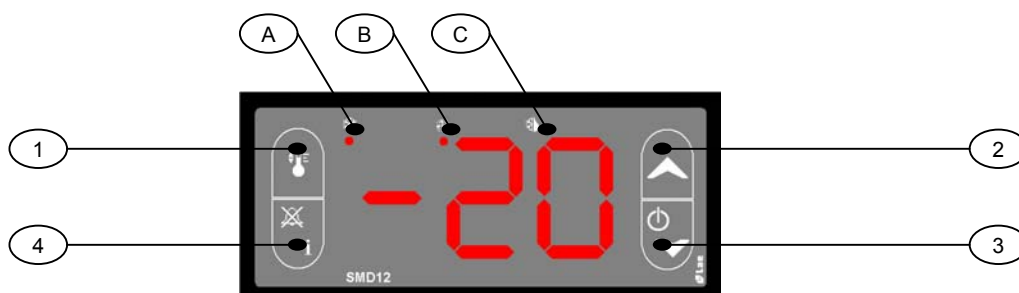


SSD90 / SMD12 USER INSTRUCTIONS

For simplicity of description, the buttons and indicators on the display unit will be designated as shown below:



Operating Buttons



1 – Temperature Set Button



2 – Increment Button



4 – Information / Mute Button



3 – Decrement Button

Function Indicators



A – Compressor Relay Energised



B – Evaporator Fan Relay Energised



C – Defrost Relay Energised

BASIC OPERATION

When mains electrical power is supplied to the controller it will carry out a self-test function. This lasts approximately 3 seconds, and during this item the display will show a single dash in the centre ' - '. The display will then show the internal air temperature. If this temperature is not with-in the pre-set range the controller will activate the refrigeration system.

During normal operation the controller will automatically cause the refrigeration system to perform defrost routines at set intervals.

If mains electrical power is removed from the controller with the unit operational, the refrigeration system will cease. When power is re-connected the controller will then cause the system to re-start.

USER SETTINGS

To Check Storage Temperature Setting

- i) Press button 1 The display will show the temperature set point while button 1 is being pressed.

To Increase Low Point of Storage Temperature (Operating Temperature Raised)

- i) Press and hold button 1 The display will show the temperature set point.
- ii) Press button 2 The display value will increment. Repeat step ii) until required value is shown.
- iii) Release button 1 The controller will display the air temperature as measured by T1. If this is not within the new parameter value the condensing system will start.

To Reduce Low Point of Storage Temperature (Operating Temperature Lowered)

- i) Press and hold button 1 The display will show the temperature set point.
- ii) Press button 3 The display value will decrement. Repeat step ii) until required value is shown.
- iii) Release button 1 The controller will display the air temperature as measured by T1. If this is not within the new parameter value the condensing system will start.

To Initiate a Manual Defrost

- i) Press and release button 4 The display will show 'df'.
- ii) Press and hold button 4 The display flash 'df'.
- iii) Press and release button 2 The controller will commence a defrost routine. The appropriate function indicators will be illuminated. The display will show 'deF'.