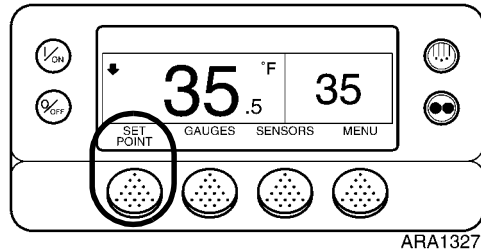


Optiset Plus

The controller can be programmed with OptiSet Plus temperature profiles that allow the user to select named products and/or numeric setpoints. See the appropriate Operator's Manual for more detailed information about using OptiSet Plus.

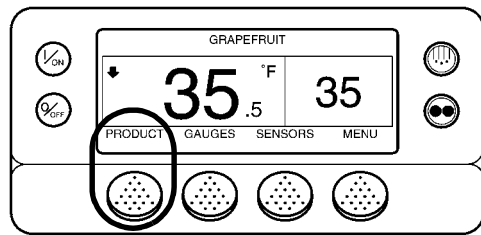
- **Numeric Setpoint** - If the controller does not have named products loaded, the far left soft key will display **SETPOINT** as shown below. This is the factory default setting. Change the numeric setpoint like you normally would on an SR-2 Controller.



ARA1327

- **Named Products** - The controller can be programmed to allow only named products to be selected. In which case the far left soft key will display **PRODUCT** as shown below.

Named products can have a single setpoint, or they can have a setpoint range that allows the user to select a setpoint within that range.

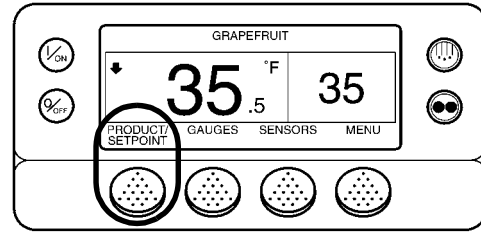


ARA1335

NOTE: In OptiSet Plus the terms “numeric setpoint” and “setpoint” mean the same thing and are displayed as numbers. The terms “named product” and “product” mean the same thing and are displayed as words.

NOTE: Alarm Code 127, Setpoint Not Entered, may be generated if the + or - soft keys are used to change the numeric setpoint or named product, but the YES or NO soft keys are not used to accept or decline the new setting within 10 seconds.

- **Named Products or Numeric Setpoint** -The controller can be programmed to allow named products or numeric setpoints to be selected. In which case the far left soft key will display **PRODUCT/SETPOINT** as shown below.

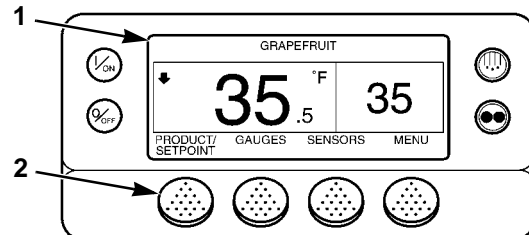


ARA1336

Selecting a Numeric Setpoint

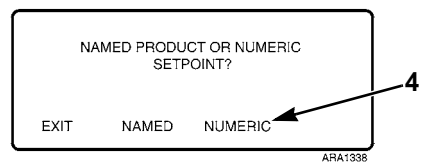
To select or change a numeric setpoint complete the following steps. This example shows the Standard Display with the **PRODUCT/SETPOINT** soft key. Using the Standard Display with the **SETPOINT** soft key is basically the same but some of the screens differ slightly.

1. Begin at the Standard Display. If the Temperature Watch Display is showing, press the **MENU** soft key once to return to the Standard Display.
2. Press the **PRODUCT/SETPOINT** (or **SETPOINT**) soft key on the Standard Display.



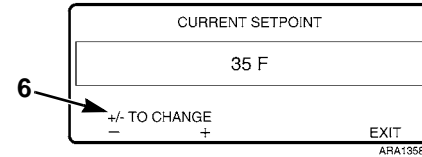
ARA1336

3. The “Named Product / Numeric Setpoint?” Screen briefly appears, then the “Named Product or Numeric Setpoint?” Screen will appear.
4. Press the **NUMERIC** soft key.

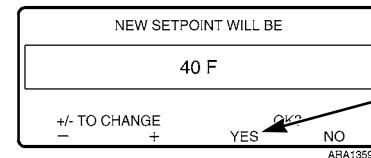


ARA1338

5. The “Setpoint” Screen briefly appears, then the “Current Setpoint Is” Screen will appear.
6. Press the **+** or **-** soft keys to change the setpoint.

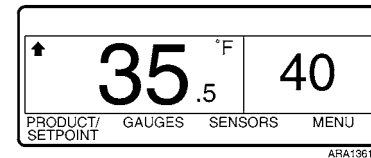


7. Press the **YES** soft key to select the new setpoint.



ARA1359

- If the **No** key is pressed the setpoint change selected with the **+** or **-** soft keys **will not** be accepted, the setpoint will not be changed and the display will return to the Standard Display.
 - If the **YES** soft key is pressed, the setpoint change selected with the **+** or **-** soft keys will be accepted, and the following screens will appear.
8. The “Programming New Setpoint” Screen will briefly appear.
 9. The “New Setpoint Is 40” Screen briefly appears.
 10. The Standard Display appears with the new setpoint.



ARA1361

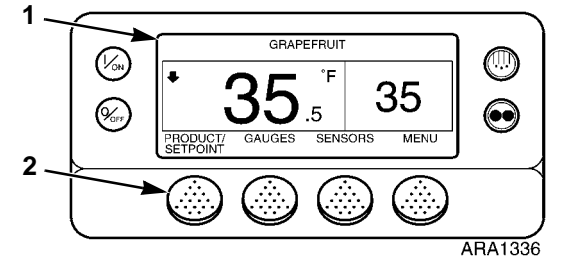
NOTE: Pressing the EXIT soft key at any point will return to the Standard Display.

NOTE: If no keys are pressed for 30 seconds while in the Named Product Changer Screens, the HMI will return to the Standard Display.

Selecting a Named Product

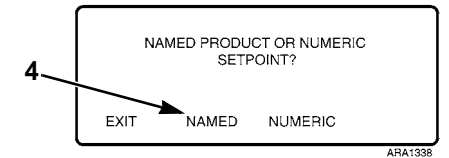
To select or change a named product complete the following steps. This example shows the Standard Display with the **PRODUCT/SETPOINT** soft key. Using the Standard Display with the **PRODUCT** soft key is basically the same but some of the screens differ slightly.

1. Begin at the Standard Display. If the Temperature Watch Display is showing, press the **MENU** soft key once to return to the Standard Display.
2. Press the **PRODUCT/SETPOINT** (or **PRODUCT**) soft key on the Standard Display.



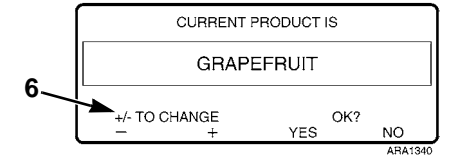
ARA1336

3. The “Named Product / Numeric Setpoint?” (or Named Product) Screen briefly appears, then the “Named Product or Numeric Setpoint?” (or Named Product) Screen will appear.
4. Press the **NAMED** soft key.



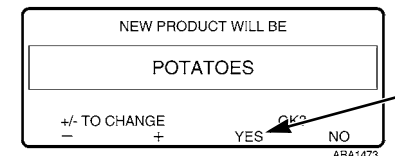
ARA1338

5. The “Product” Screen briefly appears, then the “Current Product Is” Screen will appear.
6. Press the **+** or **-** soft keys to change the named product.



ARA1340

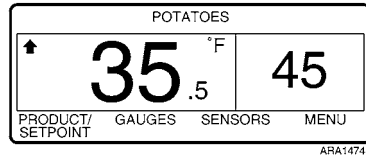
7. Press the **YES** soft key to select the new named product.



ARA1475

- If the **No** key is pressed the named product change selected with the **+** or **-** soft keys **will not** be accepted, the named product will not be changed and the display will return to the Standard Display. (Over)

- If the **YES** soft key is pressed, the named product change selected with the + or - soft keys will be accepted, and the following screens will appear.
- The “Programming Named Product” Screen will briefly appear.
- NOTE: If the “Change Setpoint for Potatoes” Screen briefly appears, the named product has been programmed with a setpoint range. See “Selecting the Setpoint for a Named Product” below.
- The “New Named Product Is Potatoes” Screen briefly appears.
 - The Standard Display appears with the new named product.



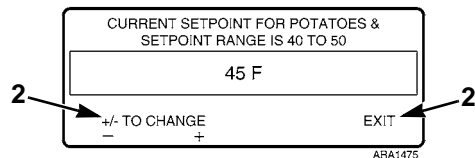
NOTE: Pressing the **EXIT** soft key at any point will return to the Standard Display.

NOTE: If no keys are pressed for 30 seconds while in the Named Product Changer Screens, the HMI will return to the Standard Display.

Selecting the Setpoint for a Named Product

If the “Change Setpoint for Potatoes” Screen appears after pressing the **YES** soft key to select a named product, the named product has been programmed with a setpoint range. Complete the following steps to select a setpoint for the named product.

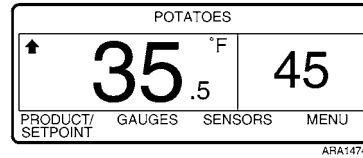
- The “Change Setpoint for Potatoes” Screen briefly appears, then the “Current Setpoint of Potatoes & Setpoint Range Is 40 to 50” Screen will appear.
- Press the +/- or **EXIT** soft keys accordingly as described below.



- Press the + or - soft keys to change the current setpoint for the named product. Go to step 6 under “Changing the Setpoint for a Named Product” to continue.

OR

- Press the **EXIT** soft key to accept the current setpoint for the named product. The Standard Display will appear with the named product and setpoint.



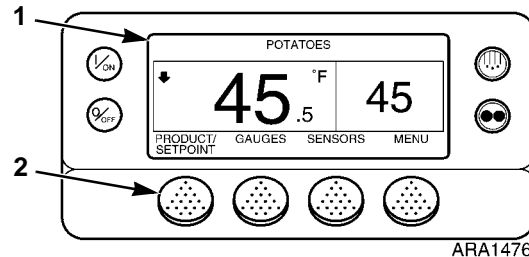
NOTE: Pressing the **EXIT** soft key at any point will return to the Standard Display.

NOTE: If no keys are pressed for 30 seconds while in the Named Product Changer Screens, the HMI will return to the Standard Display and the setpoint will remain at the displayed setpoint.

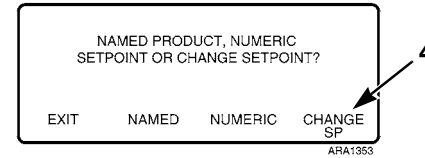
Changing the Setpoint for a Named Product

If the named product has been programmed with a setpoint range, the setpoint for the named product can be changed. This example shows the Standard Display with the **PRODUCT/SETPOINT** soft key.

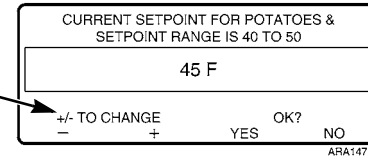
- Begin at the Standard Display. If the Temperature Watch Display is showing, press the **MENU** soft key once to return to the Standard Display.
- Press the **PRODUCT/SETPOINT** soft key on the Standard Display.
- The “Named Product, Numeric Setpoint or Change Setpoint?” Screen will appear.



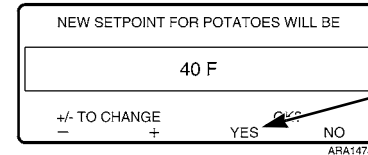
- Press the **CHANGE SP** soft key.



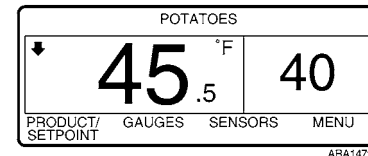
- The “Change Setpoint for Potatoes” Screen briefly appears, then the “Current Setpoint for Potatoes & Setpoint Range Is 40 to 50” Screen will appear.
- Press the + or - soft keys to change the setpoint.



- Press the **YES** soft key to accept the new setpoint.



- If the **No** key is pressed the named product setpoint change made with the + or - soft keys **will not** be accepted, the named product setpoint will not be changed and the display will return to the Standard Display.
 - If the **YES** soft key is pressed, the named product setpoint change made with the + or - soft keys will be accepted, and the following screens will appear.
- The “Programming New Setpoint for Potatoes” Screen will briefly appear.
 - The “New Setpoint Is 40” Screen briefly appears.
 - The Standard Display appears with the new setpoint.



NOTE: Pressing the **EXIT** soft key at any point will return to the Standard Display.

NOTE: If no keys are pressed for 30 seconds while in the Named Product Changer Screens, the HMI will return to the Standard Display.

SR-2 Smart Reefer 2 Microprocessor



Driver Guide to OptiSet Plus Operation

