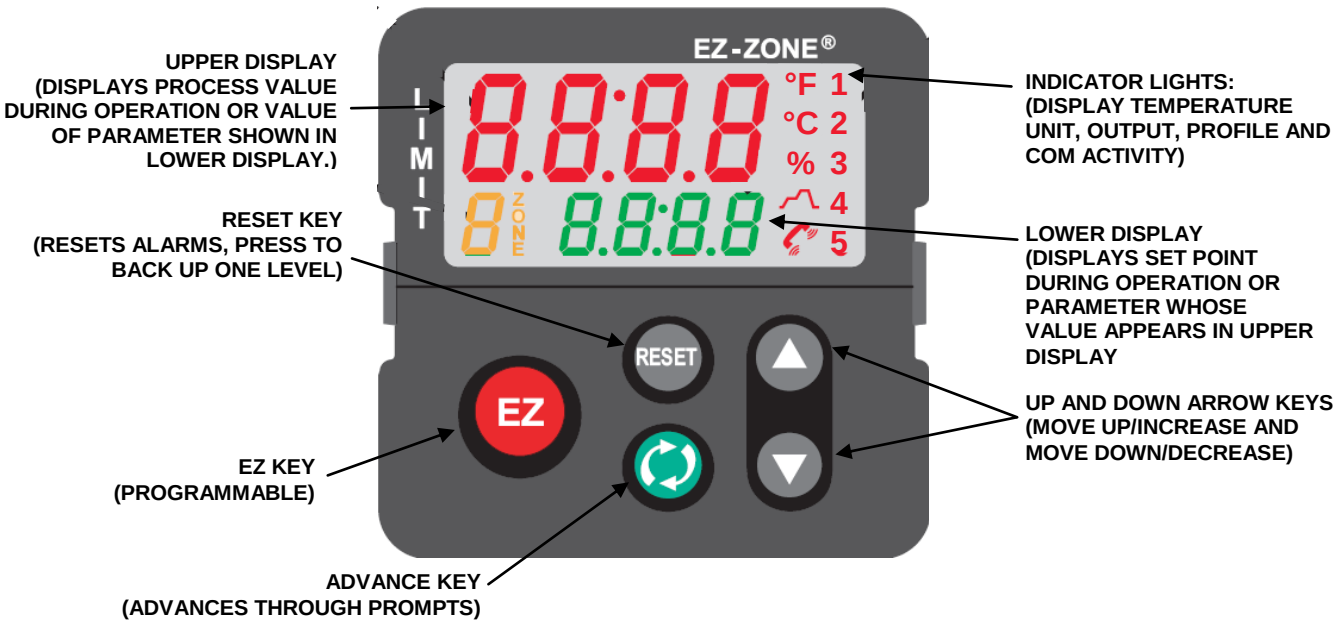
WATLOW PM LIMIT KEYS



A. BASIC OPERATION

1. If you ever reach a point on the controller where you do not want to be, press and hold RESET for 2 seconds to return to the **HOME PAGE**.

B. CHANGE SET POINT

1. From the **HOME PAGE**, press ▲ or ▼ to change the set point.

C. CLEAR EXCESS ALARM

1. To clear an excess temperature alarm from the **HOME PAGE**, wait for the temperature to reach below set point and then press RESET.

D. UNLOCK CONTROLLER FOR READ ACCESS

*****NOT REQUIRED FOR NORMAL OPERATION**

1. From the **HOME PAGE**, press and hold RESET and to enter the **FACTORY PAGE**. **UloC** is shown on the upper display and **FCtY** is shown on the lower display.
2. Press until **PASS** is shown on the lower display.
3. Press until **156** is shown on the upper display.
4. Press and hold RESET for 2 seconds to exit **FACTORY PAGE**. You will now have READ access to the **SETUP** and **OPERATION PAGES** of the Controller.
5. The menus will be locked out again after powering down the controller.

E. UNLOCK CONTROLLER FOR WRITE ACCESS

*****NOT REQUIRED FOR NORMAL OPERATION**

1. Follow steps 1-4 from **UNLOCK CONTROLLER FOR READ ACCESS.**
2. From the **HOME PAGE**, press and hold RESET and to enter the **FACTORY PAGE**. **UloC** is shown on the upper display and **FCtY** is shown on the lower display.
3. Press or until **LoC** is shown on the upper display and **FCtY** is shown on the lower display. Press to enter the **LoC** Menu
4. Press until **1** is shown on the upper display and **SLoC** is shown on the lower display. Press to change to **5**.
5. Press and hold RESET for 2 seconds to exit Factory Page. You will now have WRITE access to the **SETUP** and **OPERATION PAGES** of the controller.

F. LOCKOUT CONTROLLER

*****NOT REQUIRED FOR NORMAL OPERATION**

1. Follow steps 1-3 from **UNLOCK CONTROLLER FOR WRITE ACCESS**
2. Press until **5** is shown on the upper display and **SLoC** is shown on the lower display. Press to change to **1**.
3. Press and hold for 2 seconds to exit Factory Page.
4. The menus will be locked out again after powering down the controller.

G. CHANGE TEMPERATURE UNITS

*****NOT REQUIRED FOR NORMAL OPERATION**

1. Perform steps to **UNLOCK CONTROLLER FOR WRITE ACCESS**.
2. From the **HOME PAGE**, press and hold and for 6 seconds to enter the **SETUP PAGE**. **Ai** is shown on the upper display and **SEt** is shown on the lower display.
3. Press until **gLbL** is shown in the upper display. Press to enter **gLbL** menu.
4. Press until **C_F** is shown on the lower display.
5. Press or to change to the desired temperature unit.
6. Press and hold for 2 seconds to exit **SETUP PAGE**. The process value, set point, upper and lower limits will automatically change according to the temperature unit selected.

H. CHANGE SET POINT LIMITS

*****NOT REQUIRED FOR NORMAL OPERATION**

1. Perform steps to **UNLOCK CONTROLLER FOR WRITE ACCESS**.
2. From the **HOME PAGE**, press and hold ▲ and ▼ for 6 seconds to enter the **SETUP PAGE**. **Ai** is shown on the upper display and **SEt** is shown on the lower display.
3. Press ▼ until **LiM** is shown in the upper display. Press ⟳ to enter **LiM** menu.
4. Press ⟳ until **SP.Lh** is shown on the lower display.
5. Press ▲ or ▼ to change to the set point upper limit.
6. Press ⟳ until **SP.LL** is shown on the lower display.
7. Press ▲ or ▼ to change to the set point lower limit.
8. Press and hold RESET for 2 seconds to exit **SETUP PAGE**.