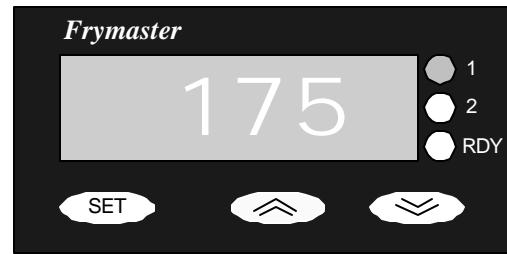


Kit 826-1783, Programming Watlow Controller for PHD

Follow these instructions to configure, program and lock the settings for a replacement Watlow controller in a Frymaster PHD. All steps must be followed in the order presented.



Configuration Programming

1. Install controller in required slot.
2. Turn unit on.
3. Computer displays temperature.
4. Press and hold UP and Down keys for three to four seconds
5. Unit displays **AUT** or similar text.
6. Release
7. Press UP arrow key until **Cnfg** is displayed and release.
8. Press and hold SET key.
9. **No** is displayed
10. Press UP arrow key until **yes** is displayed and release.
11. Press UP key until TAG is displayed and release.
12. Press and hold SET key.
13. **PCOA** is displayed.
14. Press UP key until display is blank and release.
15. **TAG** appears
16. Press UP arrow until **SLOC** appears.
17. Press and hold Set button.
18. Press UP arrow until **no** appears and release.
19. Press UP arrow until **FAIL** appears.
20. Press and hold SET button.
21. Press UP arrow until **bPLS** appears and release.
22. Press UP key.
23. **DISP** appears.
24. Press and hold SET key.
25. Press UP key until **AC** is displayed and release.



All programming is done with the three onboard keys.

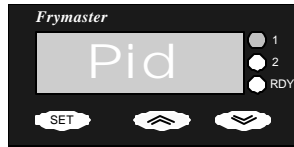
In Kit 826-1783		
Part No.	Quantity	Description
807-3234	1	Controller
819-5884	1	Instructions

26. Press UP key until **ot2** appears.
27. Press and hold SET key.
28. Press up key until **none** appears and release.
29. Press UP arrow until **ot1** appears.
30. Press and hold SET button.
31. Press UP key until **heat** appears and release.
32. Press UP arrow until **RH** appears.
33. Press and hold SET button.
34. Use UP and Down keys to change display to 195 and release.
35. Press UP key until **rL** appears.
36. Press and hold SET button.
37. Press UP or DOWN keys to change the display to 32 and release.
38. Press UP key until **C-F** is displayed.
39. Press and hold SET key.
40. Press UP or DOWN key to toggle between °C and °F and release. (Leave °C displayed for Celsius temperature display, °F displayed for Fahrenheit temperature display.)
41. Press UP key until **IN** is displayed.
42. Press and hold SET key.
43. Press UP key until **H** is displayed and release.
44. Press and hold UP and Down keys for three to four seconds.
45. Display returns to temperature.

Kit 826-1783, Programming Watlow Controller for PHD

Operations Programming

1. Computer is on and displaying temperature.
2. Press and hold UP and Down keys for three to four seconds.
3. Display shows **AUT**.
4. Release.
5. Press UP arrow key until **PiD** is displayed and release.
6. Press and hold SET key.
7. Press UP arrow key until **YES** appears and release.
8. **PbH** appears.
9. Press and hold SET key.
10. Press UP arrow until **10** appears and release.
11. Press UP key.
12. **CAL** appears.
13. Press and hold SET key.
14. Press UP key until **O** appears and release.
15. Press UP key until **DE** appears.
16. Press and hold SET key.
17. Press UP key until **0.00** appears and release.
18. Press UP key until **1T** appears and release.
19. Press and hold SET key.
20. Press UP key until **0.00** appears and release.
21. Press UP key until **CTH** appears.
22. Press and hold SET key.
23. Press UP key until **5.0** appears and release.
24. Press UP key until **Pbh** appears.
25. Press and hold SET key.
26. Press UP or Down key until **10** appears and release.
27. Press and hold UP and DOWN keys for three to four seconds.
28. Display returns to temperature.



Locking in Programming

1. Controller is on and displaying temperature.
2. Press and hold UP and DOWN keys for three to four seconds.
3. Display changes to **AUE**.
4. Release.
5. Press UP arrow until **Cnfg** appears.
6. Press and hold SET key.
7. Press UP key until **YES** is displayed and release.
8. Press UP key until **tAG** appears.
9. Press and hold SET key.
10. Press UP key until **PCOA** is displayed and release.
11. Press and hold UP and DOWN keys for three to four seconds.
12. Temperature is displayed.

Computer is ready for operation on the PHD.

Establish Setpoint for Unit

1. Controller is on and temperature is displayed.
2. Press and hold SET key.
3. Press UP or DOWN key to set desired setpoint.
4. Release.