

Puregas, LLC

P08970F / PVDW32 Series

Interface Kits
P08033W Cycle Module

Installation



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1. Introduction

This guide provides direction for the installation of the PUREGAS P08970F / PVDW32 Series Interface Kits.

This guide will be used during the installation of the Puregas P08970F / PVDW32 Series Interface Kits.

Troubleshooting and maintenance procedures go beyond the scope of this guide and will not be covered.

2. Before You Begin

- Read through this guide entirely to familiarize yourself with the components and procedures.
- Verify all Included Contents (Section 4).

3. Required Tools

- Small size phillips head screwdriver
- Medium size phillips head screwdriver
- Cutters or Snips
- Drill
- 1/4" drill bit
- 3/8" open end wrench

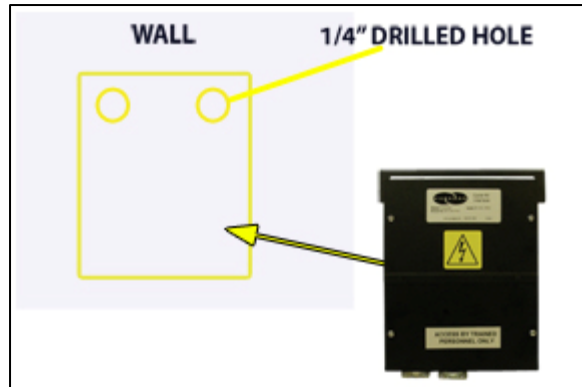
4. Included Contents

- | | |
|--|--------------------------|
| (1) Interface Module Assy | (1) DB9 to DB9 Cable 25' |
| (2) Wall Mounting Anchors | (2) Wall Mounting Screws |
| (2) 10-32 X 3/4" screws | (2) 10-32 Kepnuts |
| (1) Installation Instructions(not shown) | (1) Reset Cable (C) |
| (1) Wire Markers (0-9) | (1) Ring Terminal |

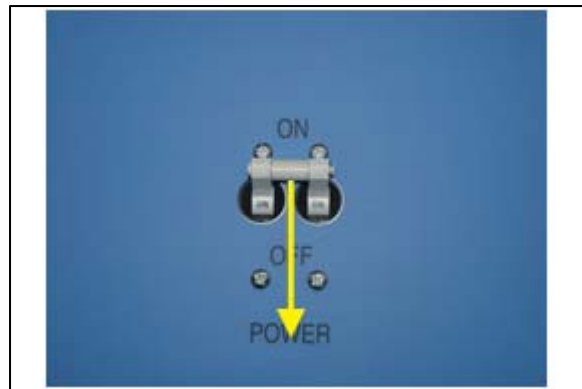


5. Installation

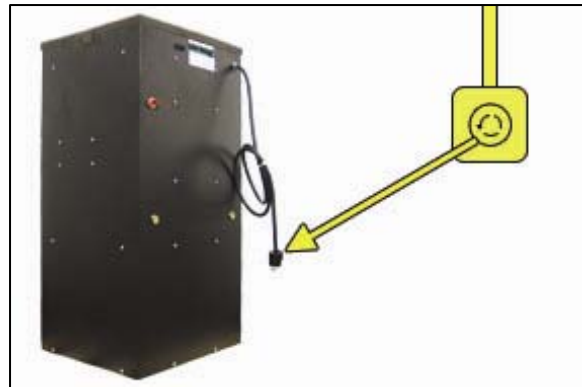
1. Wall mount the Interface module with included hardware.



2. Power the dryer OFF.



3. Disconnect the air dryer from the power source.



4. Label the incoming power wires at the air dryer with the labels provided and disconnect.

NOTE: Refer to the manufacturer's instruction manual for location of incoming power.

5. Remove the lower panel of the Interface module.



6. Route the power wires through the "POWER IN FROM SUPPLY" strain relief.

NOTE: These are the labeled power wires removed in step 4.



7. Install the power wires into the terminal block.

NOTE: For 240 VAC single phase or 120 VAC dryers L3 will not be used.



8. Route the "POWER OUT TO DRYER" cable (attached) and install to air dryer.

NOTE: Refer to the manufacturer's instruction manual for location of incoming power.

9. Remove alarm wires from the air dryer.

NOTE: Refer to the manufacturer's instruction manual for location of alarm wires.

10. Install the alarm wires into the “MAJOR and / or MINOR OUT” connections of interface module’s alarm terminal block.

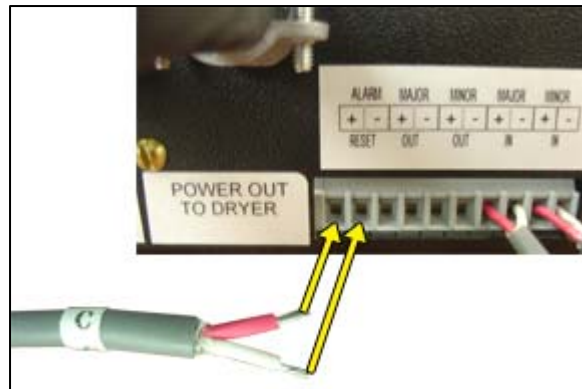
NOTE: If only one common is used remove install the alarm wires into the “MINOR OUT”.



11. Route Alarm cables **A** and **B** into dryer and install to the alarm points. A is “MINOR IN” alarm; **B** is “MAJOR IN” alarm.

NOTE: If only one common is used remove cable **B** and discard.

12. If using the remote reset install cable **C**(supplied) into the “ALARM RESET” connection of the interface module’s alarm terminal block.



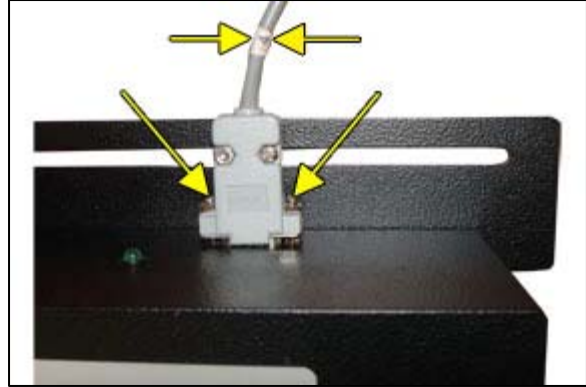
13. Route cable **C** through the air dryer and install into the reset switch.

NOTE: Refer to the manufacturer’s instruction manual for location of the reset switch.

14. Reinstall the lower panel of the Interface kit.



15. Locate the 25' DB9 cable and the cable markers. Label both sides of the cable with the desired marker number.



16. Connect the cable to the top of the Interface module.

17. Route the other end to the P08033W Cycle Module, but do not connect to the cycle module. (See cycle kit installation guide).

18. Plug the Interface Kit into the power source.



19. Power the air dryer ON.

