



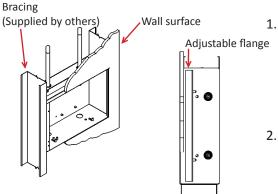


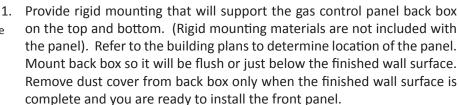
Gas Control Panel Installation

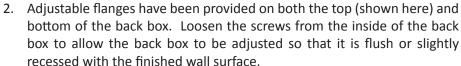
Installation of the Gas Control Panel involves installing the rough-in box and making the necessary piping connections in accordance with NFPA 99.

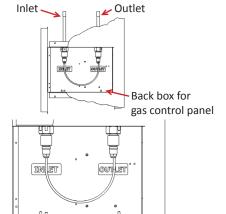


This device should only be installed by qualified personnel. Installation should not be attempted by anyone not having general experience with the installation of devices of this nature.

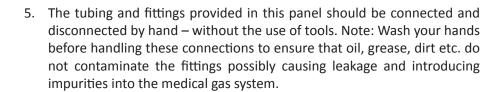


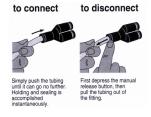




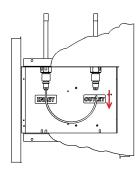


- 3. Connect the inlet & outlet copper extension tubes to the gas piping system. Make sure drop is for the proper gas service. Using a purge gas to insure cleanliness in the tubes, silver braze the joints. Do not use soft solder! (See NFPA 99 for recommended silver braze alloys). Conduct heat away from the back box. It is recommended that gas piping system tubing be connected from the outlet copper extension tube to the ceiling and capped, even though a continuation of this system may not be intended at this time. Note: The inlet and outlet extension tubes have been pre-piped together at the factory to allow for the required 150 psi standing pressure test.
- 4. Remove the dust cover when the finished wall surface is complete and you are ready to install the front panel.

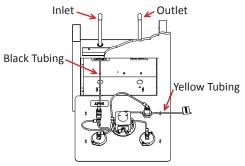




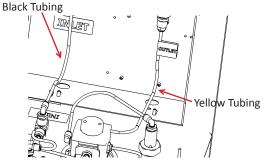
6. Disconnect the gas outlet tube from the fitting inside the back box.



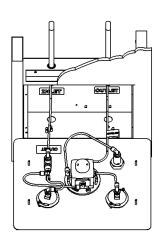




- 7. Insert the end of the black tube that you just disconnected from the gas outlet fitting into the gas inlet fitting on the back of the valve on the front panel.
- 8. ensure tubing connections are properly made by tugging on the tubing with slight pressure.

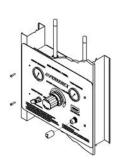


- 9. Insert the unconnected yellow tube (coming off the bottom of the regulator) into the gas outlet fitting in the back box.
- 10. Again, ensure tubing connections are properly made by tugging on the tubing with slight pressure.

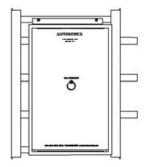


11. Finished tubing connections should look like this.

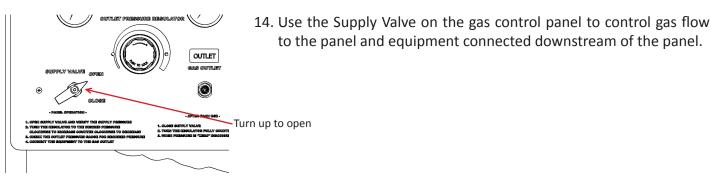




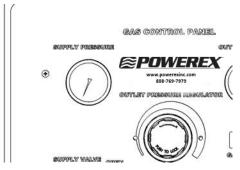
12. Attach the front panel to the back box (using the 4 long screws provided). Be careful not to pinch or damage tubing. The tubing connectors swivel to ease installation. Remove shipping cap.



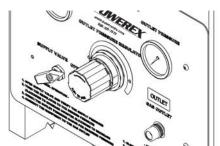
13. The Gas Control panel should now be ready for testing and use. To restore gas service to the panel, locate and open the zone valve providing gas to the gas control panel.







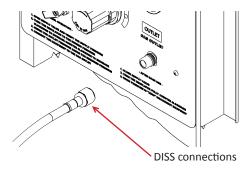
15. A Supply Pressure Gauge (or Inlet Pressure Gauge) is provided to allow monitoring of the pressure being supplied to the gas control panel. The pressure shown on this gauge will match the pressure shown at the zone valve box provided the Supply Valve on the gas control panel is ON or open.



16. The Outlet Pressure Regulator adjusts or regulates the delivery pressure of the gas. Turning the knob clockwise increases the delivery pressure. Turning the knob counterclockwise decreases the delivery pressure. The regulator is self venting which means a small amount of gas will be allowed to escape through the regulator bonnet when the delivery pressure is decreased.



17. The Outlet Pressure Gauge displays the delivery or outlet pressure as controlled by the regulator.



18. The Gas Outlet allows connection of DISS Gas hose assemblies. The outlet connection provides a demand check valve which automatically stops the flow of gas when the hose is disconnected. The Gas Control Panel is now ready for use!



Gas Control Panels – PX-CP100, PX-IP100, & PX-NP100 Series

Notes							



Buyer's purchase order is subject to the following conditions of sale:

Powerex Limited Warranty

Warranty and Remedies. (a) Standard Period of Warranty – Parts and Labor. Powerex warrants and represents all Products shall be free from Defects for the first twelve (12) months from the date of shipment by Powerex. During such warranty period, Powerex shall be fully liable for all Defects in the Products (the "Product Defects"), i.e., all costs of repair or replacement, which may include "in and out" charges, so long as the Products are located in the United States or Canada, and the Products are reasonably located and accessible by service personnel for removal. "In and out" charges include the costs of removing a Product from buyer's equipment for repair or replacement.

- (b) Additional Period of Warranty Parts Only (No Labor). In addition to the above, Powerex warrants the products described herein to be free from defects in material and workmanship for forty-eight (48) months from end of Standard Period of Warranty with the exception of any components which are recommended to be replaced in less than sixty months in our Installation/Operation manuals. Within said period Powerex will repair or replace any part or component which is proven to be defective in either material or workmanship. This warranty covers parts only. Labor is not included. This warranty is valid only when the product has been properly installed according to Powerex specifications, used in a normal manner and serviced according to factory recommendations. This warranty does not cover failures due to damage which occurs in shipment or failures which result from accidents, misuse, abuse, neglect, mishandling, alteration, misapplication or damage due to acts of nature.
- (c) General. Powerex warrants each Powerex branded Pipeline Accessory (collectively "Products", individually each a "Product") to be free from defects in material and workmanship ("Defects") at the date of shipment. EXCEPT AS SET FORTH BELOW, NO OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF SUCH PRODUCTS. TO THE EXTENT PERMITTED BY LAW, ANY AND ALL IMPLIED WARRANTIES ARE EXCLUDED. All warranty claims must be made in writing and delivered to Powerex in accordance with the procedures set forth on its website (www.powerexinc.com), or such claim shall be barred. Upon timely receipt of a warranty claim, Powerex shall inspect the Product claimed to have a Defect, and Powerex shall replace any Product which it determines to have had a Defect; provided, however, that Powerex may elect, upon return of the Product, to refund to buyer any part of the purchase price of such Products paid to Powerex. Freight for returning Products to Powerex for inspection or for shipping warranty parts shall be paid by buyer where permitted by applicable law. Powerex is not responsible for any import fees, taxes, duties, licenses or other fees imposed by any governmental authority upon the production, sale, shipment and/or use of Products covered hereunder. The warranties and remedies herein are the sole and exclusive remedy for any breach of warranty or for any other claim based on any Defect, or non-performance of the Products, whether based upon contract, warranty or negligence.
- (d) Coverage. The warranty provided herein applies to Powerex pipeline products only.
- (e) Exceptions. Notwithstanding anything to the contrary herein, Powerex shall have no warranty obligations with respect to Products:
- (i) That have not been installed in accordance with Powerey's written specifications and instructions;
- (ii) That have not been maintained in accordance with Powerex's written instructions;
- (iii) That have been materially modified without the prior written approval of Powerex; or
- (iv) That experience failures resulting from operation, either intentional or otherwise, in excess of rated capacities or in an otherwise improper manner.

The warranty provided herein shall not apply to: (i) any defects arising from corrosion, abrasion, use of insoluble lubricants, or negligent attendance to or faulty operation of the Products; (ii) ordinary wear and tear of the Products; or (iii) defects arising from abnormal conditions of temperature, dirt or corrosive matter; (iv) any OEM component which is shipped by Powerex with the original manufacturer's warranty, which shall be the sole applicable warranty for such component.

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that no repairs, alterations or replacements have been made by others without Powerex's written approval, and that Buyer notifies Powerex in writing within fifteen (15) days after the defect becomes apparent and promptly furnishes full particulars in connection therewith; and provided further that in no event shall the aggregate liability of Powerex in connection with breach of any warranty or warranties exceed the purchase price paid for the product purchased hereunder. Powerex may, at its option, require the return of any product, transportation and duties prepaid, to establish any claim of defect made by Buyer. Unless otherwise agreed in writing (a) Powerex will not accept and shall have no responsibility for products returned without its prior written consent, and (b) Powerex will not assume any expense or liability for repairs to products made outside of its plant by third parties. In the event Powerex elects to replace a defective product, costs of installation, labor, service, and all other costs to replace the product shall be the responsibility of Buyer.

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