

Addendum H0342000 Rev- **AquaPure® Ei® Series Chlorine Generating Device** **120V Plug-in (APURE35PLG)** **Installation and Operation Manual**

Please refer to the following pages for revisions to document H0335900 Rev. A.

This addendum replaces the instructions contained in Section 3.3, *Install the Power Pack, Cell, and Pod* on pages 11-12. The complete pages are included in this addendum.

H0342000 Rev-



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ETL Listed
 Conforms To
 UL STD 1081

Certified to
 CAN/CSA C22.2 NO. 218.1

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3.3 Install the Power Pack, Cell, and Pod

⚠ WARNING

The National Electrical Code (NEC) requires that pool equipment be bonded to each other. Make sure to check your local codes to determine if the NEC, and/or other local installation codes are enforced by the Authority Having Jurisdiction (AHJ). A solid copper bonding wire 8AWG (8.37 mm²) is included with this product for bonding the power pack to a permanent bonding connection. Refer to your locally enforced codes for the acceptable bonding wire gauge.

To avoid property damage, serious injury or death, NEVER use the chassis backplate of the power pack to ground any other equipment.

1. Ensure placement of the cell, the power pack, and the cell will meet all the installation requirements outlined in Section 3.2.
2. Screw the power pack bracket into position on a wall surface where it will mount securely, while ensuring it is no more than 15 ft. (4.6 m) from the cell (see Figure 4 and 5).
3. Position the power pack in place by aligning the bracket with the corresponding thru-holes (see Figure 5).
4. Unscrew the locking ring from the cell and the pod in order to extract them from the lower clamp (see Figure 6).
5. Press the two (2) push-buttons on either side of the upper clamp to separate the upper clamp from the lower clamp (see Figure 6).

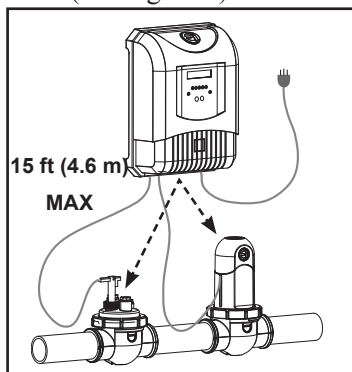


Figure 4. Installation Requirements

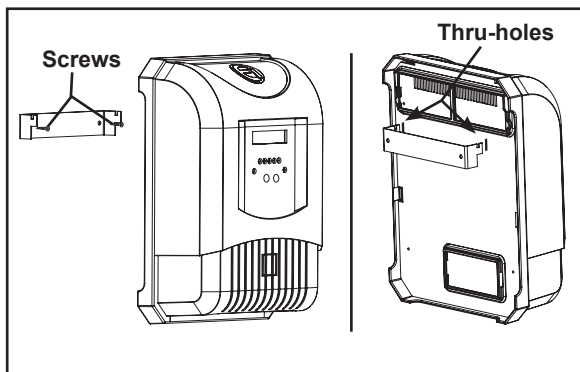


Figure 5. Attaching the Power Pack

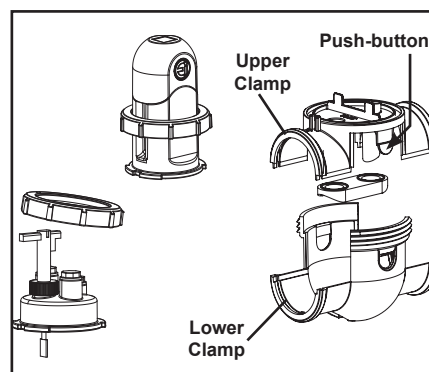


Figure 6. Disassemble the Cell and Pod

6. Invert the lower clamps and place on the pipe. Mark the pipe for drilling the feeder holes (see Figure 7).
7. Drill the feeder holes using the holesaw provided. Ensure holes are clean and smooth (see Figure 8).
8. Use the pipe spacer as shown if mounting on a 1 ½ in. (40mm) pipe (see Figure 9).

NOTE: The pipe spacer is required for 1 ½ in. (40 mm) diameter pipe only. The spacer is not required on 2 in. (50 mm) pipe.

9. Verify the gasket is attached to the upper clamp. The curved side of the gasket must be pointing down so that it will create a seal with the pipe.

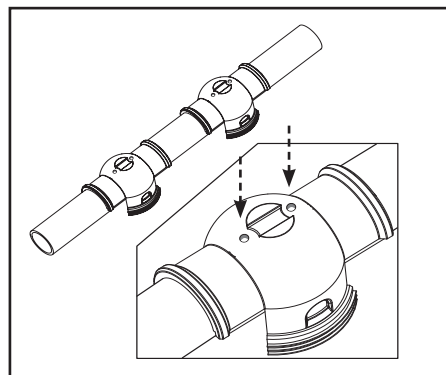


Figure 7. Marking Pipe for Drilling Feeder Holes

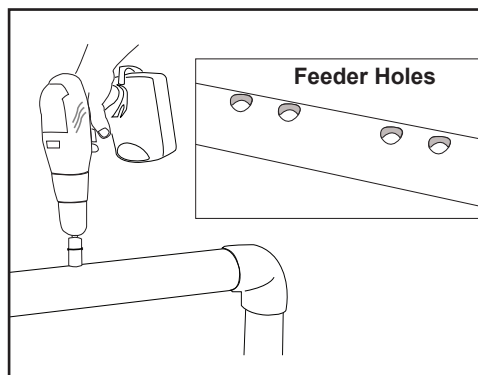


Figure 8. Drilling Feeder Holes

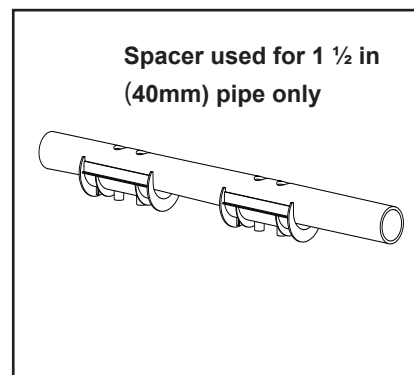
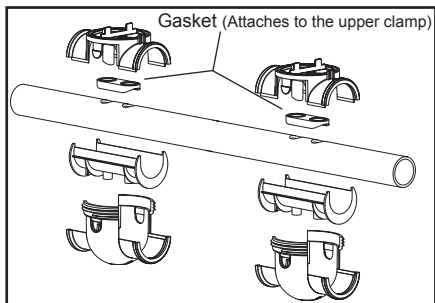
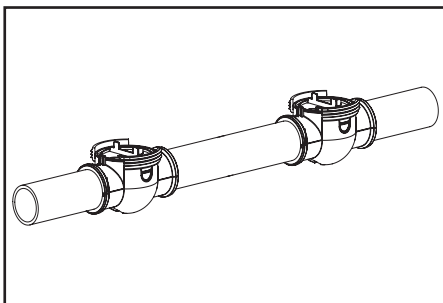
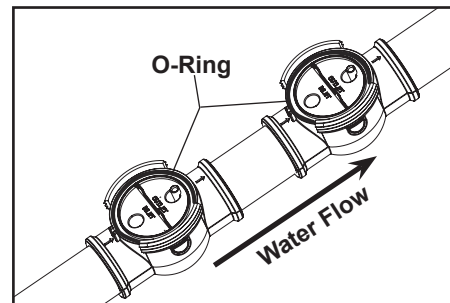


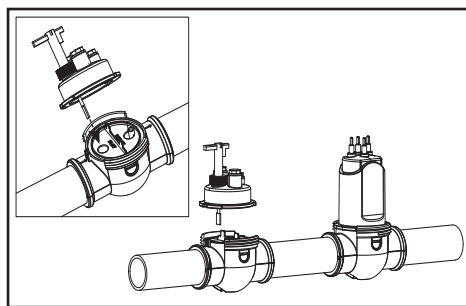
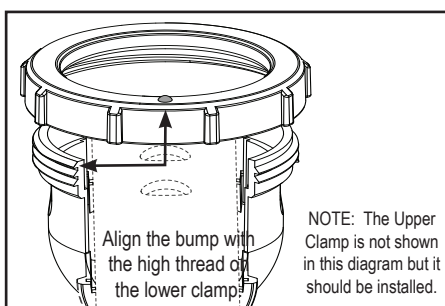
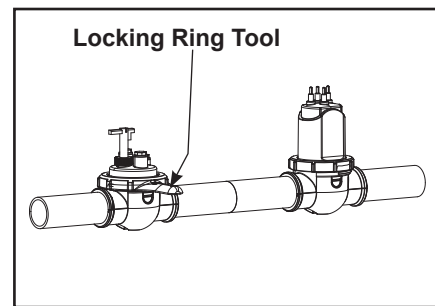
Figure 9. Pipe Spacer

10. Secure the clamps, pipe spacer, and gasket around the pipe as shown (see Figure 10) making sure the flow arrows on the clamp point in the direction of the water flow (see Figure 11 and 12). Make sure the two (2) clips on the sides of the clamp are snapped into place.
11. Insert the o-ring into the channel on each of the clamps (see Figure 12).

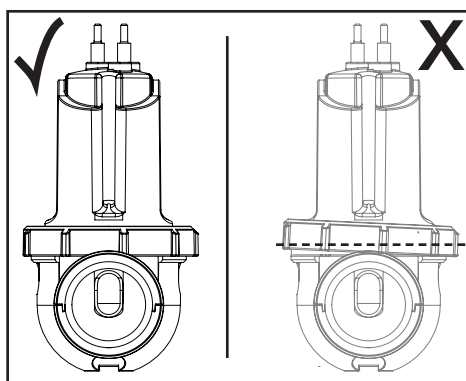
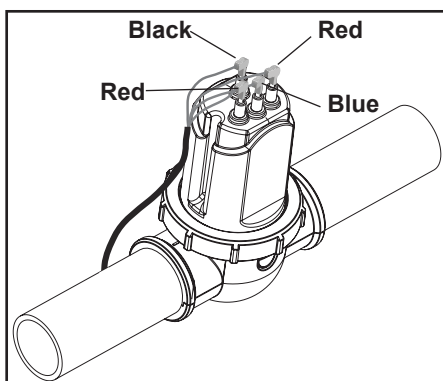
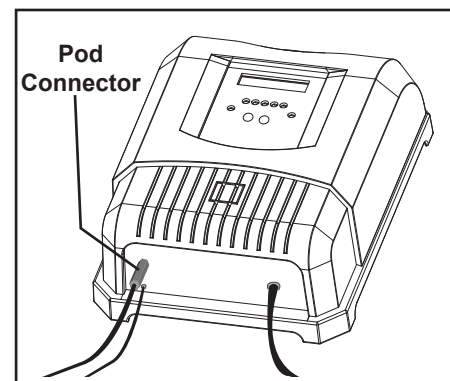
**Figure 10. Cell Clamps****Figure 11. Water Flow Arrows****Figure 12. Cell Attached**

12. Install the cell and the pod making sure the pod is installed upstream from the cell. When installing the pod, make sure the flow switch is inserted into the inlet port on the clamp (see Figure 13).
13. Position the locking ring in proper alignment, making sure the bump aligns with the top thread (see Figure 14).
14. Screw down the locking ring to the threaded clamp using the locking ring tool (see Figure 15).

NOTE: Ensure the locking ring is level when engaging the threading housing (see Figure 16).

**Figure 13. Installing Pod and Cell****Figure 14. Locking Ring Alignment****Figure 15. Locking Ring Tool**

15. Securely connect the cell leads to the like colored terminals (see Figure 17).
16. Attach the terminal cap.
17. Plug the pod connector into the power pack (see Figure 18).

**Figure 16. Locking Ring Level****Figure 17. Connecting Cell Leads****Figure 18. Pod Connector**

18. Attach one end of the bonding wire to the bonding lug located on the bottom of the chassis backplate on the power pack. (see Figure 19 and 20). Attach the second end to a common bonding point such as the pool pump or heater. Make sure to refer to the pump or heater manual for the location of the bonding lug connection prior to making this connection. See Figures 21 and 22 for examples of bonding lug locations. Do not use the power pack as the common bonding point. There should only be one bonding connection to the power pack. Each piece of non-related pool equipment requiring a ground should also be bonded to the common, approved bonding point.
19. Plug the power pack into the electrical outlet. Turn the power pack on.

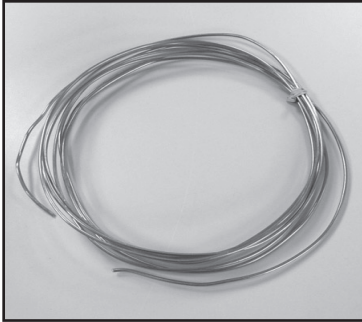


Figure 19. Bonding Wire

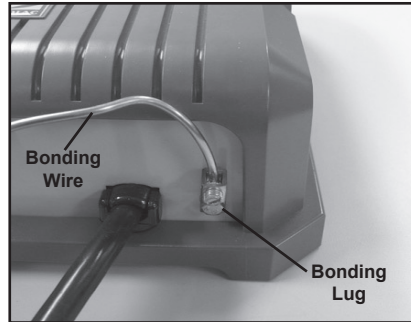


Figure 20. Bonding Wire Attached to Power Pack

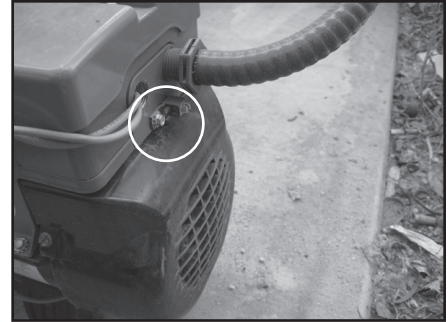


Figure 21. Pump Bonding Lug

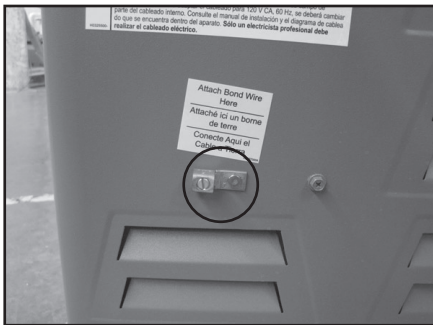


Figure 22. Heater Bonding Lug