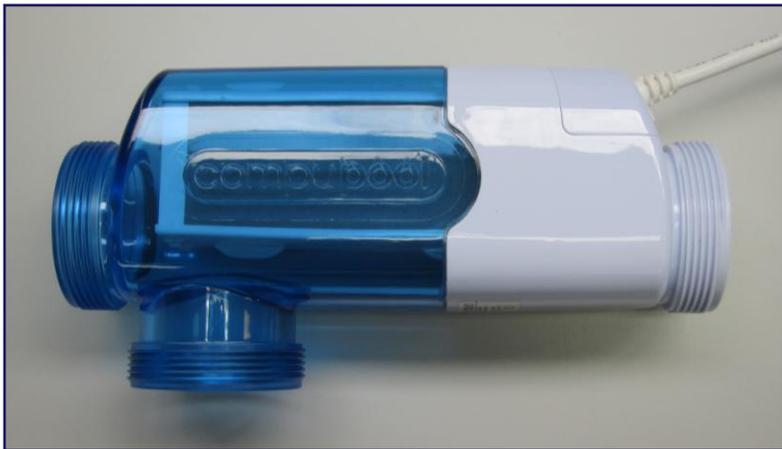




Generic Replacement Cell for Jandy Aqua Pure - 3 Port Instruction Manual

Part Number: GRC/J1400-3, JRC/J700-3
Old Part Number: APURE1400, APURE700 (3 port cells only)
Specifications: 40K gallons, 12K gallons,
Compatible Systems: Aqua Pure



For assistance please contact the Compu Pool technical and warranty hotline.

Toll free number: (888)-989-7258 9:00am - 5:00pm EST

Compu Pool Products USA
126 Semoran Commerce Place,
Apopka FL, 32703 USA
Phone: (888)-989-7258
Fax: (407)-880-6483
www.compu pool products.com

1.0 Installation

1.1 Generic Replacement Cell Installation

To install the generic replacement cell for your Aqua Pure or other compatible saltwater chlorinator system, follow this procedure.

- 1.1.1 Turn power to the filter pump and chlorinator system off.
- 1.1.2 The Compu Pool GRC comes complete with a built in DC cell cable. The old cell cable will need to be disconnected from the circuit board in the power module. To do this remove the front cover off the power module and disconnect the two connectors for the cell cable. Pull the old cable out of the power module and replace with the new cable, push on the two connectors to the circuit board firmly.
- 1.1.3 Remove the old cell from its position in the plumbing by loosening the union collars on both ends of the cell. Also remove the Flow/Temp/Salinity sensor by loosening the third collar.
- 1.1.4 Inspect the o-rings on the two unions and the sensor, if they are damaged or worn they should be replaced before installing the new replacement cell. If they are dry apply a suitable o-ring lubricant.
- 1.1.5 Position the new replacement cell within the plumbing area. Tighten the two union collars BY HAND for a watertight seal. Over-tightening with tools may damage the unions or the replacement cell.
- 1.1.6 Install the Flow/Temp/Salinity sensor into the new cell and tighten the collar. The sensor will have a slightly firmer fit in the new cell, this is normal and is to ensure a watertight fitting. The Compu Pool GRC does not have keyways in the cell ports, they are not required.
- 1.1.7 The power to the filter pump and chlorinator system can now be turned on.
- 1.1.8 The chlorinator system can now be operated as instructed in the manufacturers installation and operation manual.

2.0 Maintenance

2.1 Cell Maintenance

To maintain optimal cell performance, it is recommended the cell is visually inspected every 3 months or after cleaning your filter.

The electrolytic cell has a self cleaning feature incorporated in the controller system. In most cases this self cleaning action will keep the cell working at optimum efficiency. In some areas where the water is hard (high mineral content) and in pools where the water chemistry has been allowed to get "out of balance", the cell may require periodic cleaning.

2.2 Procedure for Inspecting a Cell

- 2.2.1 Turn power to the filter pump and chlorinator system off.
- 2.2.2 Conduct a visual inspection of the cell plates through the translucent blue housing.
- 2.2.3 If further inspection is required remove the cell from its position in the plumbing by loosening the unions on both ends of the cell.
- 2.2.4 Look into both ends of the cell. A clean cell will have no white deposits on the plastic baffles or the metal plates. A dirty cell will have white chalky deposits which limit the flow of water through the cell.
- 2.2.5 If the cell is dirty follow the cleaning procedures, otherwise re-install the cell.

2.3 Procedure for Cleaning a Cell

- 2.3.1 Turn power to the filter pump and chlorinator system off.
- 2.3.2 Remove the cell from its position in the plumbing by loosening the unions on both ends of the cell.
- 2.3.3 With the cell removed use a high pressure hose nozzle to spray off as much loose scale and debris as possible.

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- 2.3.4 Do not use any sharp or metallic objects to remove scale. Scraping or scratching the cell plate's edge or surface will allow chemical attack of the plate, cause premature failure of the cell and will void the warranty.
 - 2.3.5 If further cleaning is required the cell needs to be cleaned in a mixture of one (1) part Hydrochloric (Muriatic) Acid into four (4) parts water (always add acid to the water). When using the acid ensure to use rubber gloves and appropriate eye protection.
 - 2.3.6 Plug the two adjacent ports with the blanking caps provided from the manufacturer. Use the appropriate blanking caps on the ports, do not use the sensor as damage can result.
 - 2.3.7 Fill the cell with the acid solution. Clean the cell until the foaming action stops (typically 5 to 10 minutes). Rinse the cell with fresh water and re-install into the plumbing line.

3.0 Warranty

- 3.1.1 This generic cell carries the following warranty should fault occur due to faulty manufacture or materials.
- 3.1.2 Compu Pool Products warrants the original purchaser of the unit for a period of 2 full years (commercial installations for a period of 12 months) on the cell from the date of purchase should examination disclose to its satisfaction the unit has failed due to faulty manufacture or materials.
- 3.1.3 The warranty may be void if the following occurs:
- Damage to the unit beyond Compu Pool Product's control.
- If correct pool chemistry is not maintained.
- The cell is not cleaned regularly or cleaned by any other method other than by the method recommended by the manufacturer.
- 3.1.4 This warranty is applicable to workmanship and materials only. Compu Pool Products or its agent will replace at no charge all parts return freight paid, which display faulty workmanship or materials.
- 3.1.5 Compu Pool Products or its agent accept no responsibility for loss, damage or injuries to person or property arising from warranty failure of equipment, or installation of that equipment. This warranty shall not extend to any expenditure otherwise incurred.





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