

# SEA FRESH SYSTEM

*Marine Elegance, Atlantes Freedom with Vortex-Vac,  
and Sea Era QC*

## INSTALLATION AND OPERATION ADDENDUM



**WARNING:** These instructions are supplemental to the Marine Elegance, Atlantes Freedom with Vortex-Vac and SeaEra QC Installation, Operation and Maintenance Instructions. All applicable warnings, cautionary statements and instructions must be followed.

### INTRODUCTION

The Sea Fresh System allows, at the “flip of a switch”, the choice of using either pressurized freshwater or sea water for flushing the toilet.

### OPERATION

Simply place *intake water selection switch* in desired position and flush toilet.

To use sea/lake water for flushing; place *intake water selection switch* in **SEA** position.

To use pressurized freshwater for flushing; place *intake water selection switch* in **FRESH** position.

For specific instructions on flushing toilet see OPERATION section of toilet manual.

### PLUMBING

#### WARNING

- **Hazard of Flooding:** Refer to Plumbing Section of Installation and Maintenance Instructions for Toilet.
- To prevent contamination of potable water supply, all components must be installed as outlined in these instructions and the toilets instructions.

#### IMPORTANT

**TIP:** To reduce odors and maintenance, installation of a strainer (such as In-Line Strainer [#163000]) in the seawater intake line is recommended.

Refer to appropriate Toilet Water Connection Diagram for connecting Pressurized Water source and Intake Pump to Toilet. (Fig 2, Fig 3, Fig 4 or Fig 5)

### MOUNTING

- Refer to Installation Section of Installation and Maintenance Instructions for Toilet.
1. Mount Intake Pump and Relay to deck or bulkhead. Mount Pump Relay near Intake Pump.

### Intake Water Selection Switch

Width  
1.5" (38)      Inch (mm)



Height 3" (76)

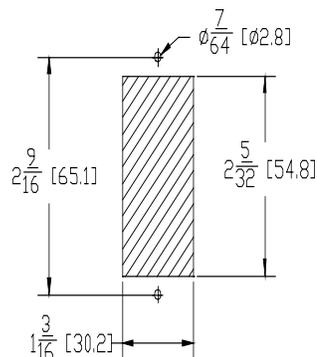
Depth 1.5" (38)

### Intake Water Selection Switch

1. Cut out a rectangle hole in location where switch will be installed, using sizes provided in Fig 1.

**TIP:** It may be desirable to locate Intake Water Selection Switch where it is not readily accessible to anyone who flushes the toilet.

**Fig 1** Selector switch cutout sizes inches(mm)



Do not use as template

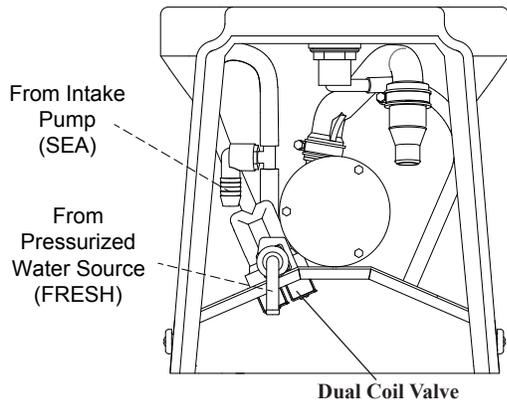
### ELECTRICAL

**WARNING:** Hazard of electrical shock and burn. Be certain that electrical power is off before proceeding.

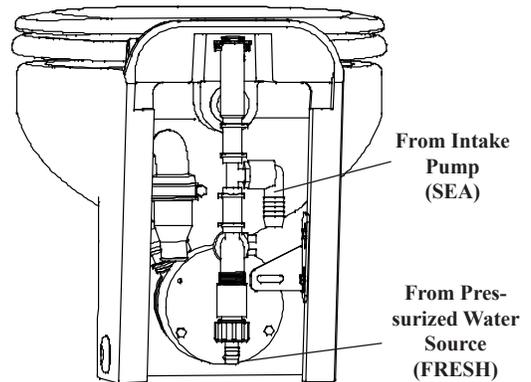
#### WIRING

- Refer to respective Toilet Control installation and wiring instructions for proper wiring and wire sizes. Contact Raritan Customer Service if you no longer have the Toilet Control manual.

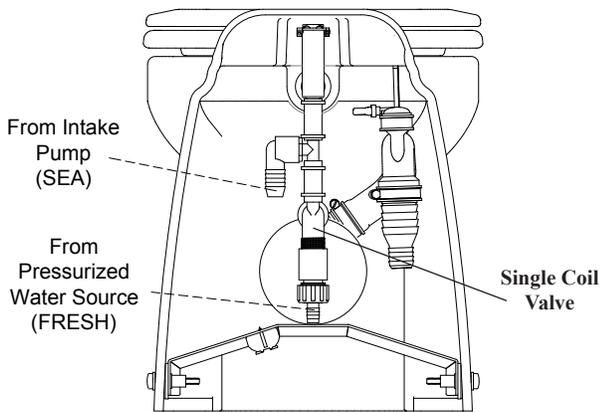
**Fig 2** Atlantes Freedom Water Connections Dual Coil Intake Valve



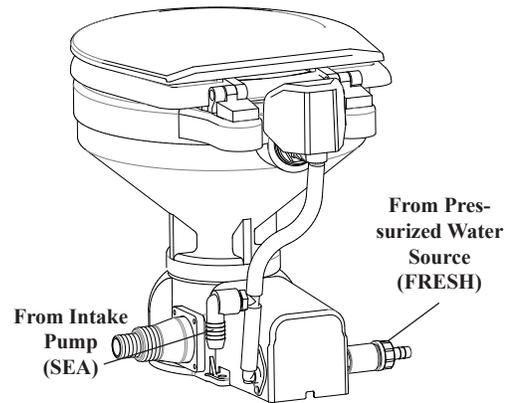
**Fig 3** Marine Elegance Water Connections



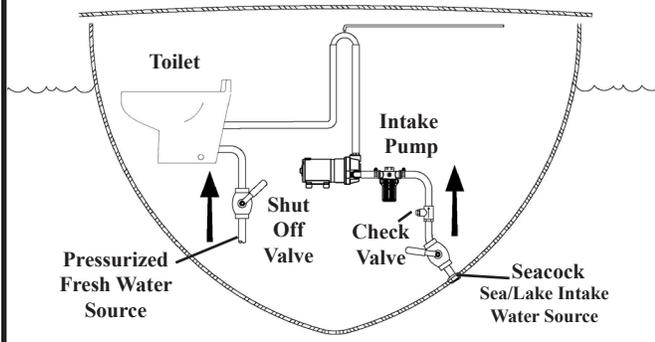
**Fig 4** Atlantes Freedom Water Connections Single Coil Valve



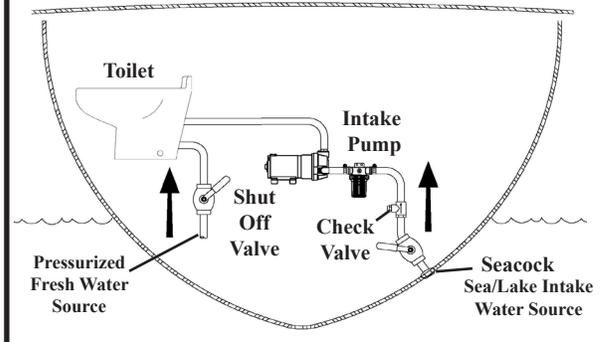
**Fig 5** SeaEra QC Water Connections



**Sample Plumbing Diagram for Below Waterline Installations**



**Sample Plumbing Diagram for Above Waterline Installations**



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