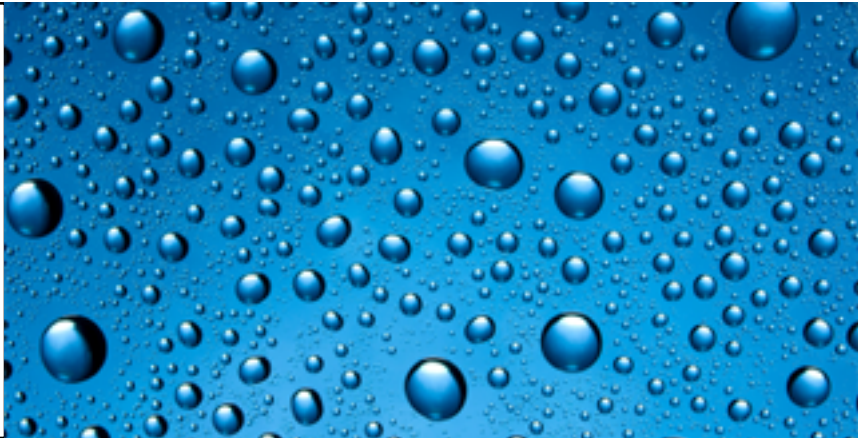


Humidity Expansion Manual





Important Safety Instructions

PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS BEFORE PROCEEDING

DANGER Discontinue use if any signs of water are present in any electronic/electrical device.

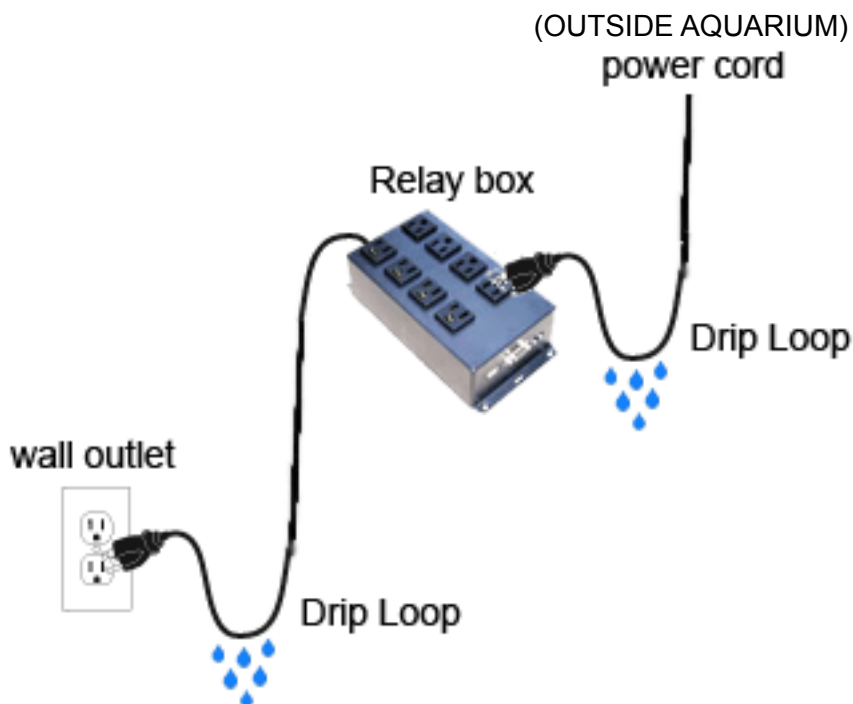
WARNING – To avoid injury to yourself and others, safety precautions should always be observed.

DANGER – Never attempt to service any electronic /electrical equipment before unplugging the device from the outlet. Risk of electrical shock if care is not taken. Special care should always be taken when operating any aquarium equipment. If the plug or receptacle gets wet, NEVER unplug it from the outlet. Always use the fuse or circuit breaker that supplies power to the device. Disconnect it and then examine for water presence.

- If device shows any sign of abnormal appearance, discontinue use.
- Never operate the device if plugs or cords are damaged, torn, ripped or malfunctioning.

NOTE: A “drip loop” should be arranged and position your aquarium stand and tank to the side of the aquarium to avoid the device or power receptacle from getting wet power receptacle. Please refer to Figure 1 below.

Figure 1



Humidity Expansion Module Unit



Contents:

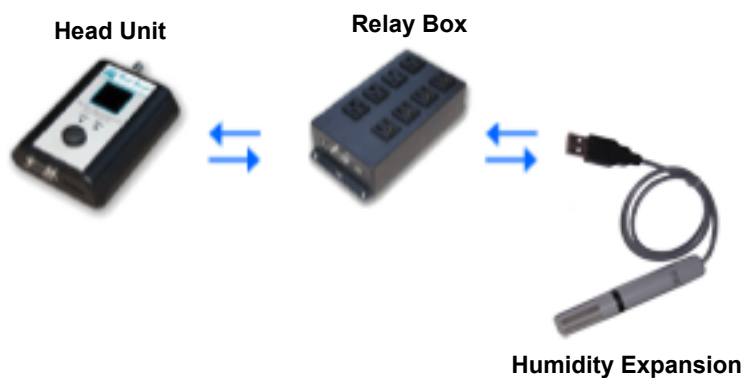
- Humidity Expansion Module
- Plastic Bracket
- Monting screws

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Adding your Humidity Expansion Module directly on your Reef Angel Relay Box

1. Plug the Humidity expansion module straight into the expansion port of the main relay box.
Please refer to Figure 3 below.

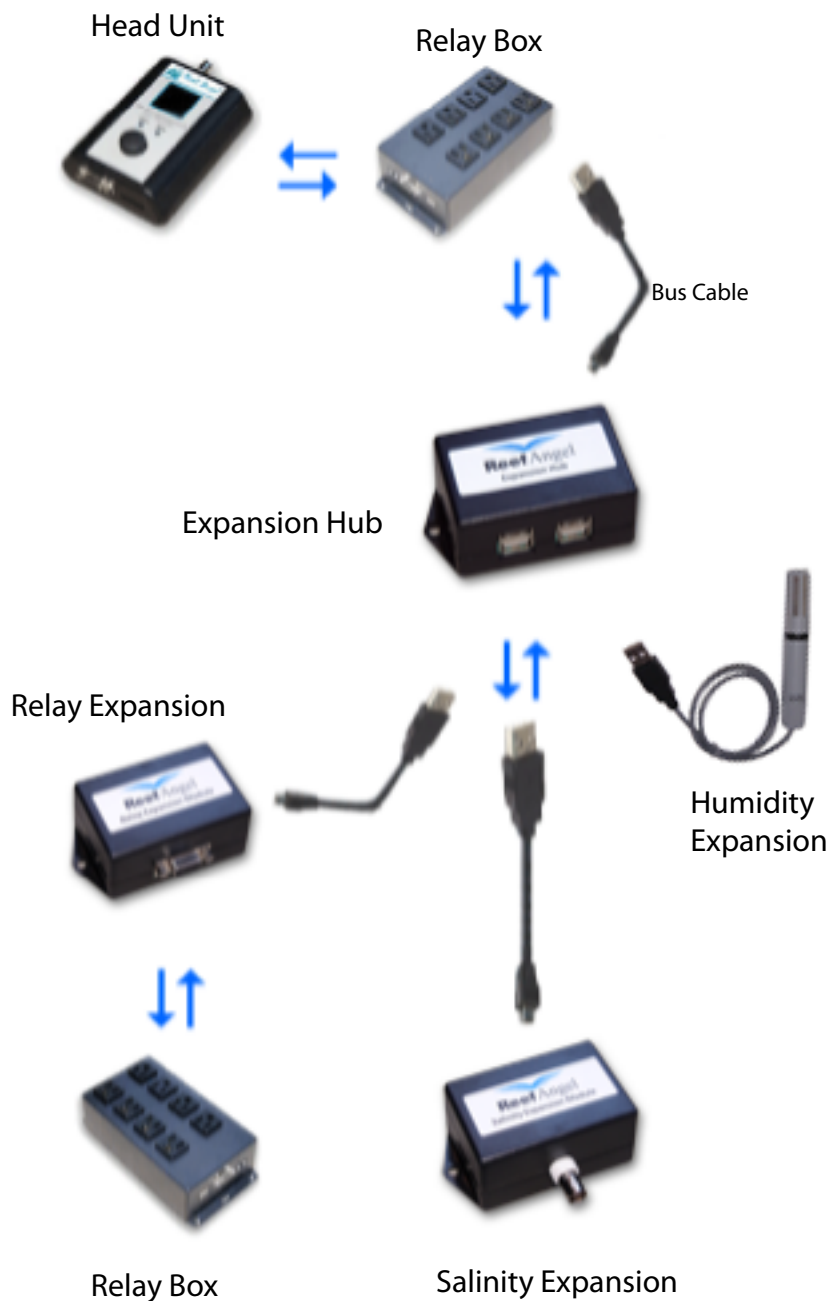
Figure 3



Adding your Humidity Expansion Module with other Reef Angel Devices.

3. If you are connecting more than one expansion module, you will need an expansion hub, which offers 8 additional usb ports to connect more expansion modules. Please refer to Figure 4 below.

Figure 4



Preparing and uploading the code to the Reef Angel controller.

1. Start your Arduino Software using your computer.
2. Open the Humidity Expansion test code by going to the menu **File -> Example Codes** and selecting **CustomMainScreen_Humidity**.
3. Upload the code to your Reef Angel Controller.