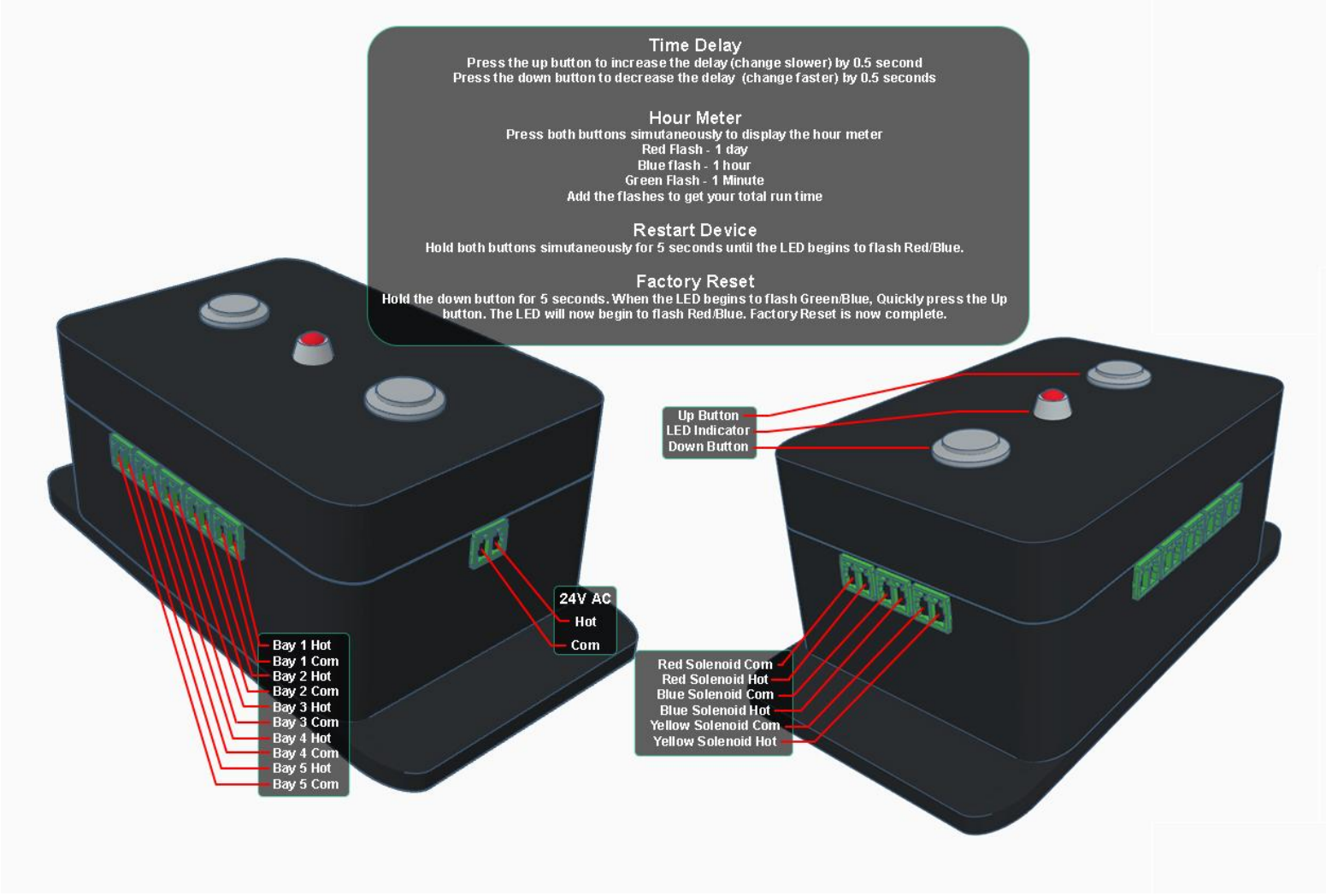


Introduction

Note: We rapidly improve our products, adding small improvements and features that may slightly change the appearance of the product, but this manual will still be relevant unless otherwise stated.

Features

- 24V AC powered
- 5 bay inputs
- Pluggable screw terminals
- RGB LED Indicator
- Push button adjustments
- Adjustable time from 0.5 to 60 seconds per color
- Built-in hour meter to track usage.

Setup

The controller needs continuous 24vac power. The easiest solution is to install a 24vac transformer on your triple foam system that will power the controller. A small 40va transformer is usually sufficient, as long as the 3 color solenoids you use do not require excessive power to operate. Typical 24vac solenoids use around 15va, which leaves more than enough for the controller.

Power Input

The power input is a single 2-pin plug located on a narrow side of the rectangle box. 24vac is required to power your triple foam controller. This power is also passed through to your red, blue, and yellow solenoids.
The triple foam controller is designed to be operated with 24vac power.

Bay Inputs 1-5

The bay inputs are always on the long end of the controller consisting of 5 individual 2-pin plugs. Each plug is intended to receive the “hot” and “com” of that particular bay. As shown in the illustration below, the hot and common wires come from your bay and branch off to power the wax solenoid, air solenoid, and the designated bay input on the triple foam controller.

Solenoid Outputs

The solenoid outputs are alway on the opposite end as the power input and consist of 3 individual 2-pin plugs. With the controller mounted with the solenoid outputs facing down, the plugs from left to right are Red, Blue, Yellow.

LED Indicator

When inactive and waiting for triple foam usage, the controller will fade from Red,Blue,Yellow in a rhythmic pattern to indicate it’s still operating normally and waiting to be activated. When the interval has been changed, the LED will turn a solid color, changing from each color to show you what the current interval is set to. This same solid color pattern is displayed when a customer is using the triple foam system.

Adjustments Buttons

The triple foam controller is equipped with two stainless steel push buttons. These buttons are used for adjusting the interval, viewing your hour meter, restarting the device, and for factory reset.

Adjusting Color Interval

Each adjustment will change the time delay by 0.5 seconds. Pressing the up button will increase the delay, making the colors change slower. Pressing the down button will decrease the delay, making the colors change faster. The maximum speed is 0.5 seconds, and the slowest speed is 60 seconds. After any adjustment the controller will display its speed through the LED indicator for 60 seconds to give a visual representation. Any time a button is pressed you will notice a white flash of the LED to show you it has registered a button press.

Hour Meter

The controller keeps track of its total usage. This can be viewed by pressing both buttons simultaneously. The controller will show a sequence of flashes to display time. The hour meter starts and ends with a white flash. In between the white flashes, the controller will display a red flash for each day, a green flash for each hour, and a blue flash for each minute of runtime. If there are no days, hours, or minutes in the current time, that light will be absent.

Examples:

0 days, 2 hours, 5 minutes will display as WHITE-GREEN-GREEN-BLUE-BLUE-BLUE-BLUE-BLUE-WHITE
(There are no red flashes since days are still at 0)

1 day, 4 hours, 3 minutes
WHITE-RED-GREEN-GREEN-GREEN-GREEN-BLUE-BLUE-BLUE-WHITE

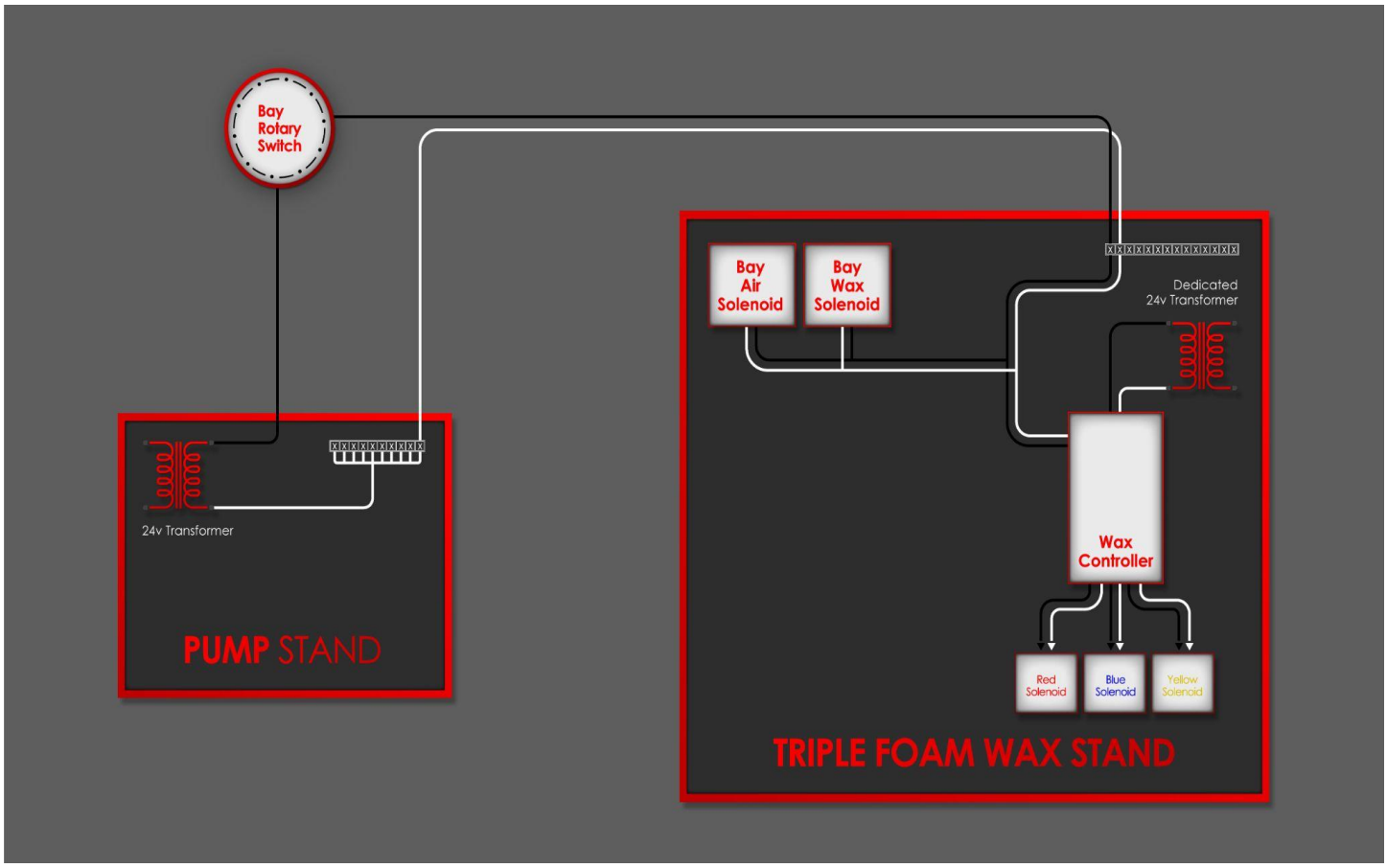
Save & Restart The Device

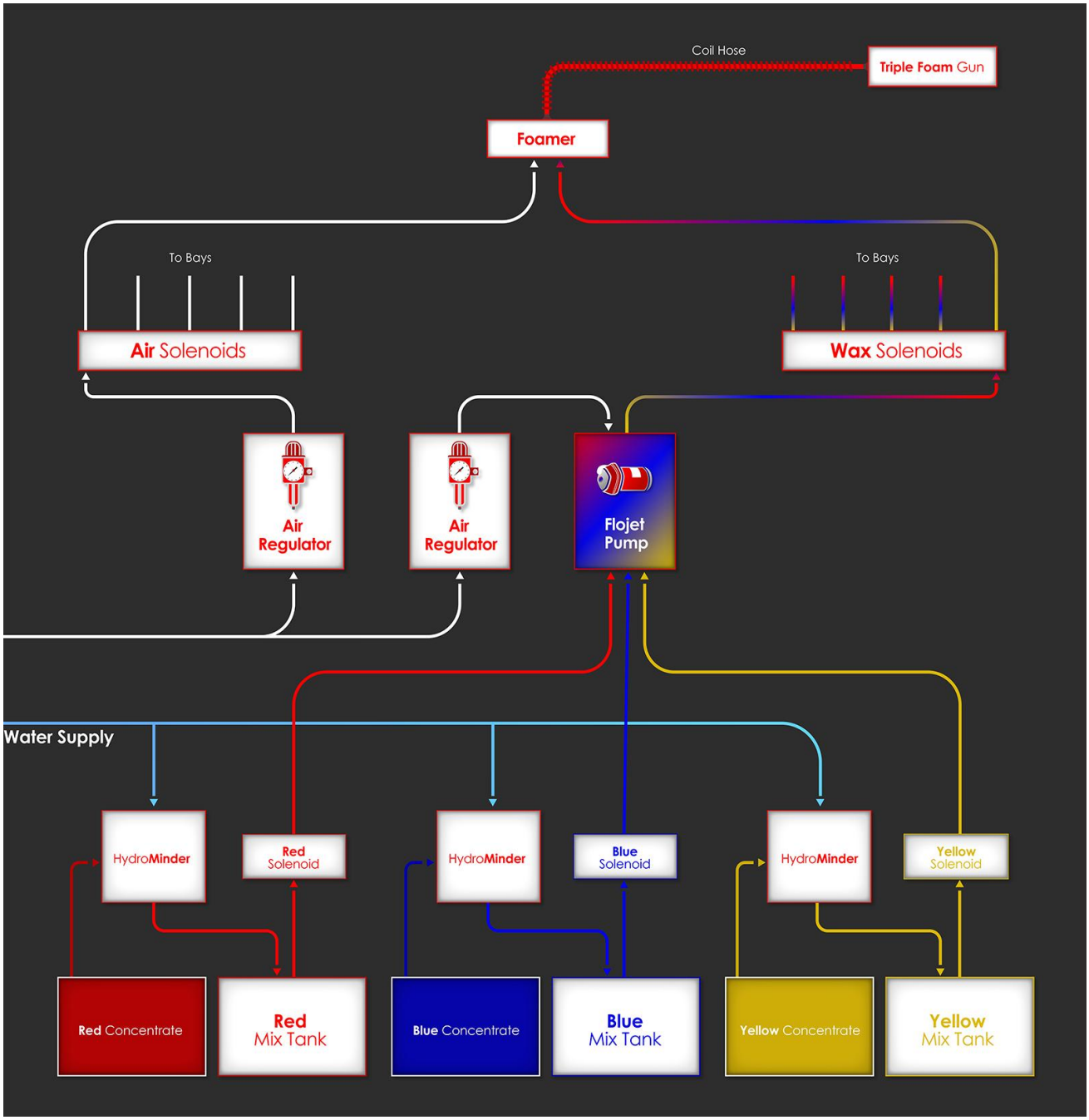
The controller automatically saves all settings and new usage once per hour. If you wish to manually save it (such as before removing power for servicing) you can hold BOTH buttons down for 5 seconds. After 5 seconds the LED will begin to flash green/blue. When it stops flashing and goes back to normal operation. Your device has saved all information and restarted.

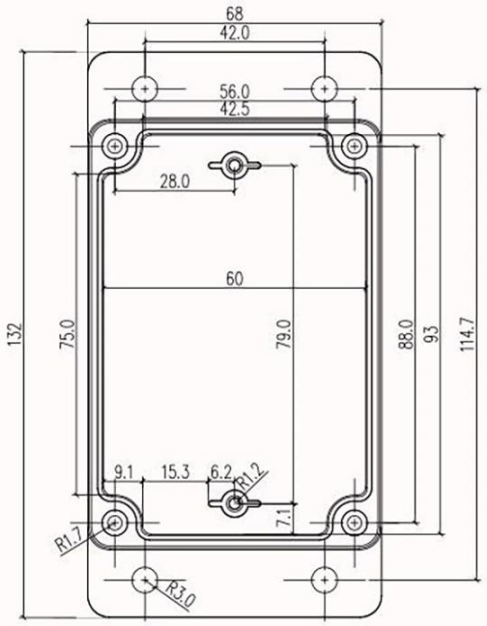
Factory Reset

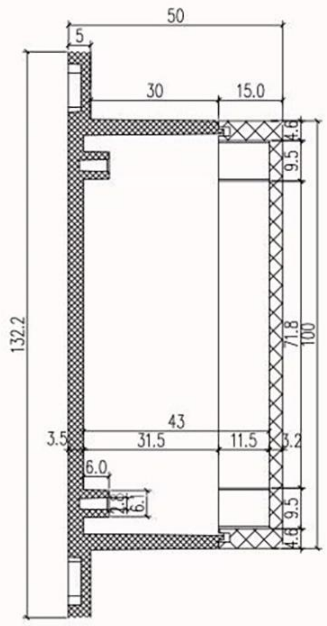
WARNING: This is permanent. Once your hour meter is reset, it cannot be restored.

Some may choose to track usage on a monthly basis and want to reset their hour meter for whatever reason. This can be done by holding the down button for 5 seconds. When the LED begins to flash green/blue, let go of the down button and quickly press the UP button. the LED will now begin to flash red/blue. When your device returns to its normal operating state, it is now reset. You will notice the hour meter now reads as 0 days, 0 hours, and 0 minutes, and your time delay has been reset.


Bay
Rotary
Switch
Bay
Air
Solenoid
Bay
Wax
Solenoid
Dedicated
24v Transformer
Wax
Controller
Red
Solenoid
Blue
Solenoid
Yellow
Solenoid
TRIPLE FOAM WAX STAND
24v Transformer
PUMP STAND


Coil Hose
Triple Foam Gun
Foamer
To Bays
Air Solenoids
To Bays
Wax Solenoids
Air Regulator
Air Regulator
Flojet Pump
Water Supply
HydroMinder
Red Solenoid
HydroMinder
Blue Solenoid
HydroMinder
Yellow Solenoid
Red Concentrate
Red Mix Tank
Blue Concentrate
Blue Mix Tank
Yellow Concentrate
Yellow Mix Tank





3.94x2.68x1.97inch(100X68X50mm)

Unit: mm