

WAKEMAKERS BALLAST PUMP TIMER MODULE

INSTALLATION

Our Ballast Pump Timer Module is compatible with any of our Plug-and-Wake equipped reversible pump ballast systems. To install, disconnect the wiring harness at the ballast pump and simply plug in the Timer Module.

CONFIGURATION

The Timer Module can be set to run from three to 25 minutes. The speed of your pump as well as the capacity of the ballast bag(s) you are filling/draining will determine how long to set the module for. Refer to the chart below for more information.

Ballast (lbs)	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
Jabsco Ballast Puppy	5 min	6 min	7 min	8.5 min	10 min	11 min	12 min	13.5 min	14.5 min	15.5 min	17 min	18 min
Jabsco Ballast King	3 min	4 min	4.5 min	5 min	6 min	7 min	7.5 min	8 min	9 min	10 min	10.5 min	11 min
WakeMAKERS Premium	4 min	4.5 min	5.5 min	6.5 min	7.5 min	8.5 min	9.5 min	10 min	11 min	12 min	13 min	14 min
Johnson Ultra Ballast	4 min	4.5 min	5.5 min	6.5 min	7.5 min	8.5 min	9.5 min	10 min	11 min	12 min	13 min	14 min

*Use caution to not turn the adjustment dial too far when setting the time.

USE

The timer is essentially invisible in its operation; just use your ballast system exactly like you normally would and the Timer Module will automatically turn the pump off to reduce the likelihood of damage.

- **Filling:** To fill your ballast, put the switch in the Fill position; there will be a 2.5 second delay and then the Timer Module will turn on the pump, running for the set amount of time. Once the time limit has been reached the Timer Module will turn the pump off.

- **Draining:** To drain your ballast, put the switch in the Drain position and let the Timer Module run until it is complete.

**Note: The light indicator on the switch will continue to stay lit even after the pump shuts off after its run cycle.*

Make small adjustments to the settings and test the fill/drain times to ensure your bag(s) completely fill and drain. After the initial setup you should not need to access or adjust the Timer Module again.

To interrupt the Timer Module, set the switch to the Off position. This will stop the pump in its cycle and reset the Timer Module. You are always able to run the pump for another full cycle, which prevents you from being stuck with a full ballast bag.

**Note: Wait at least two seconds when changing from fill to drain or drain to fill to avoid damaging the pump.*

TROUBLESHOOTING

Minimum voltage for the system to function is 8V. If you install the timer module and the system doesn't turn on, check the battery voltage.