



RAINDECK

Basic Splash Pad Maintenance Manual





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MESSAGE FROM RAIN DECK

Rain Deck would like to thank you for purchasing our splash pad products. We feel very fortunate for being a part of your splash pad project and creating a fun environment for you and your family. We want your time with your family and friends to be worry free. Our product line was thought out, constructed, and manufactured with this in mind. This manual provides very specific step by step operating instructions and simple maintenance tips which will make your experience with Rain Deck products long lasting, and enjoyable. Rain Deck is here for you with any needs that we are able to assist in. Please take the time to go through this owner's manual and keep it readily available for future use.

Again, we want to thank you and hope you enjoy your new splash pad!

Very Truly Yours,

The Rain Deck Team

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Water Chemistry

Water chemistry is the way in which you can tell if the proper levels of sanitizers are present, making it safe to interact with. Water chemistry can be very overwhelming --- but don't be confused or intimidated! Water Chemistry is easy. With the purchase of your splash pad kit you should have been given a bottle of test strips that will help make the testing of your water quick and easy. If you do not have test strips or are out, they can be purchased at your local pool supply store. Due to the storage tank in the ground, it is not in direct contact with the sun's rays and other debris that interact harshly with the chemistry of your water. It is important to test your water weekly. With weekly testing and proper chemicals being kept up to par, you can insure the safe play of your new splash pad.

Pump



Your pump motor is your system's heart. It is what pumps the water from the tank and through the filter then to your individual nozzles. Without the pump, your splash pad will not function. Fortunately, it does not require a lot of maintenance by the splash pad owner. Just make sure the pump's strainer basket is free from debris and that the lid is tightly secured. A leaky pump lid can allow air into your system causing it to lose prime.

Check the O-ring periodically and make sure it's properly lubricated so that it makes a tight seal. Also, look for leaks around the pump just to make sure it's working properly. If you see any leaks or feel your pump is not operating properly, please contact us immediately.

Filter

All of our splash pad kits use a cartridge filter to remove debris and clean the water. As the water passes through the filter, a mesh material in the cartridges traps the waste material. You do not back-wash a cartridge filter. To clean the filter, you remove the cartridges and hose them off removing the waste. The cartridges should be cleaned every 4 to 5 weeks. The filter should be cleaned more often during times of heavy use or harsh weather conditions. The cartridges usually last for about 2 years before they will need to be replaced.





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Ozonator

Ozone Generators purify the splash pad water making it sparkling clean and clear, and reduces the need for chemicals up to 90%. They also neutralize harsh, irritating byproducts of all other chemicals. The Ozonator supplied with your splash pad requires little maintenance and should last for many years before requiring replacement. Please remember that a small amount of chemical is still necessary to keep your water in balance. If your system does not have an ozonator, a chlorinator will be supplied with your system which provides a small amount of chlorine to purify the water. Check the chlorinator frequently to be sure a chlorine tablet is present. In most cases, setting the chlorinator output to "1" will be sufficient. During times of heavy use or extreme weather conditions, you may need to turn the chlorine output up.

Maintenance Check List

Daily:

- Run your splash pad at least 1 hour per day to circulate, filter and ozonate/chlorinate the water.

Weekly:

- Test water and adjust chemicals as needed. Your splash pad holding tank may require small amounts of acid. ONLY add 1/4 teaspoon at a time, then run the splash pad through the bypass valve for 20 minutes and recheck the water chemistry. Add additional acid as needed using 1/4 teaspoon at a time. Also, check the chlorine feeder to be sure there is a chlorine or bromine tablet present. If the test strip indicates that there is too little or too much chlorine/bromine, adjust the dial on the chlorine feeder as needed.

Monthly:

- Remove and clean the cartridge filter using fresh hose water.
- Turn the pump on and release the pressure valve on the filter for a minimum of 3 minutes (this will allow fresh water to enter the holding tank ensuring the water remains clean and fresh).
- Check all equipment for leaks or other abnormalities.
- Check holding tank for proper water levels.



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Contact Information

**Please contact Rain Deck anytime for support!
We are available to help in any way we can!**

**Email: info@raindeck.com
Web: www.raindeck.com
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