



**\*\*\*PLEASE READ BEFORE INSTALLING YOUR CLEANER\*\*\***

## **DIRT DEVIL CLEANER HELPFUL HINTS**

### **IN GROUND AND ABOVE GROUND POOL CLEANERS**

1. **REQUIRED FLOW RATE** - The cleaner requires 25 GPM to operate properly. If your pump delivers less than 25 GPM to the cleaner, the cleaner will move very slowly or not at all. The bypass valve is designed to automatically adjust to give the minimum required 25 GPM flow to the cleaner. If on initial start-up the cleaner is not moving and the bypass valve is completely closed, manually open the valve underwater several times and see if the cleaner begins to move. If the cleaner is still not moving and the valve is not open you may not have enough flow to the cleaner.

### **2. HOW TO TEST FOR PROPER FLOW TO THE CLEANER -**

Test Procedure –

- Turn your pump off.
- The bypass valve, included with your cleaner, comes with a plug installed in one end. If you have already removed the plug, reinstall the plug into the end where it fits tightly.
- Install the open end of the bypass valve directly into the pool wall vacuum connection or install two lengths of hose in the skimmer and insert the open end of the bypass valve in the end of the hose. Make sure the bypass valve is submerged or it will suck air when you turn the pump on.
- Turn the pump on.
- The bypass valve should open to expose at least the second bar of the triangular opening. The second bar is noted as the “Ideal Range” on the bypass valve label.

Evaluating the flow rate test results -

- If the valve does open to at least this “Ideal Range” setting then your pump is delivering enough water to operate the cleaner properly. You can install the cleaner.
- If the valve does not open to expose at least the “Ideal Range” setting, then the cleaner will not get enough water to operate properly. You must increase the flow to the cleaner.

How to increase the flow to the cleaner –

- **Above Ground Pools** - Check the pressure gauge on your filter. If the pressure is high, remove the bypass valve and backwash the filter. Reinstall the bypass valve to see if the flow has opened it to at least the second bar of the triangular opening “Ideal Range”. If it has, you can install your cleaner. If not, then remove the bypass valve, install your cleaner and see if the cleaner starts moving.
- **In Ground Pools** - Check the pressure gauge on your filter. If the pressure is high, remove the bypass valve and backwash the filter. Reinstall the bypass valve to see if the flow has opened it to at least the second bar of the triangular opening “Ideal Range”. If it has, you can install your cleaner. If not, then you need to restrict the flow to the main drain or other pool skimmers by closing valves to those suction devices. Once you achieve flow at the bypass valve in the “Ideal Range”, you can install your cleaner.

## **IN GROUND AND ABOVE GROUND POOL CLEANERS (CON'T)**

3. BEST LOCATION FOR BYPASS VALVE DURING NORMAL OPERATION – Even though the bypass valve can be installed between any two sections of hose, the best location is directly into the pool wall vacuum connection or in the bottom of the skimmer. When installed in the skimmer, make sure that the triangular opening is pointed downward, to reduce the chance of sucking air into the system when the pool water level drops.

4. NORMAL BYPASS VALVE OPERATION – The bypass valve is designed to automatically adjust to give the minimum required 25 GPM flow to the cleaner. When your cleaner is operating properly with the bypass valve installed, it is acceptable if the valve is only open slightly.

5. HOW TO MAKE THE CLEANER MOVE TO OTHER AREAS OF THE POOL – Replace the existing return fitting eyeballs with the flow control eyeballs, included with your cleaner (One is provided with above ground cleaner and two are provided with in ground cleaners). Adjust the flow control eyeball(s) to change the direction and/or volume of water returning to the pool, to affect the currents that move the hose. Note: If you have an in ground cleaner, you can also control the movement of the cleaner by moving the weight on the hose.... see LOCATION OF THE WEIGHT for in ground cleaners below.

### **IN GROUND POOL CLEANERS ONLY**

1. INSTALLING THE LARGE GRAY DISK – For easier installation of the large gray disk, you can remove the clear footpad from the bottom of the cleaner. Reinstall the footpad after installing the disk

2. INSTALLING THE WEIGHT - The weight is designed to be installed between 2 lengths of hose, and NOT slide onto the hose. Notice the small end of the hole in the weight. With the female end of the hose in your hand, place the large end of the weight onto the hose, then insert the male end of the next hose into the female end of the hose with the weight on it. This will complete the connection and the weight is then captivated loosely between those two sections of hose.

3. LOCATION OF THE WEIGHT - Start your cleaner with the weight located between the 3rd and 4th sections of hose from the cleaner head. Since the cleaner follows the hose when operating, the weight is designed to help lead the cleaner around the pool. All pools are different and you may find that the weight needs to be moved between other sections of hose or removed completely. The cleaner should sit on the floor of the pool at a 45-degree angle with the large gray disk flat against the pool floor. The weight is instrumental in keeping the cleaner working on both the walls and the floor of the pool.

### **ABOVE GROUND POOL CLEANERS ONLY**

1. CLEANER IS GETTING STUCK ON THE LADDER – There is an accessory for the cleaner called a HALO that can be purchased separately – part # 46001095R. The price for HALO is \$26.85 USD and \$29.80 CDN. The HALO easily clips onto the cleaner head and will assist in eliminating this condition.