Plumbing the New 3 Inch Quik LeafVac

Note: This LeafVac canister is to be installed in the equipment area immediately in front of the pump. Pressure testing may be completed though the installed LeafVac canister (see # for special instructions for pressure testing).

1. Run the suction lines from the skimmer and main drains to the equipment area.

2. **NOTE:** This new LeafVac comes with two union fittings (2 pieces each – see Figure 2) allowing the unit to have either a 2", 2 ½" or 3" inlet and outlet. (See Figures 2, 3, 4 and 5 on the back of this page for gluing and configuration instructions.)

3. Plumb a 2", 2 ½" or 3" line from the bottom of the LeafVac canister up to the pump inlet so that the lid of the LeafVac is approximately the same height as the pump lid. It is best to use double 45° fittings, rather than 90° Ells. A 4" CPVC nipple is required at the pump inlet.

4. Install a 2", 2 ½"or 3" three-way valve to the inlet port of the LeafVac canister and plumb both suction lines to the 3-way valve. **Note**: When used in conjunction with a QuikSkim venturi skimmer, it is recommended that this 3-way valve be only slightly opened to the skimmer. This will allow maximum pump suction from the main drains for best debris removal.

5. **CAUTION:** Do not backfill around the LeafVac until after the pressure testing is done to assure there are no leaks at the bottom union.

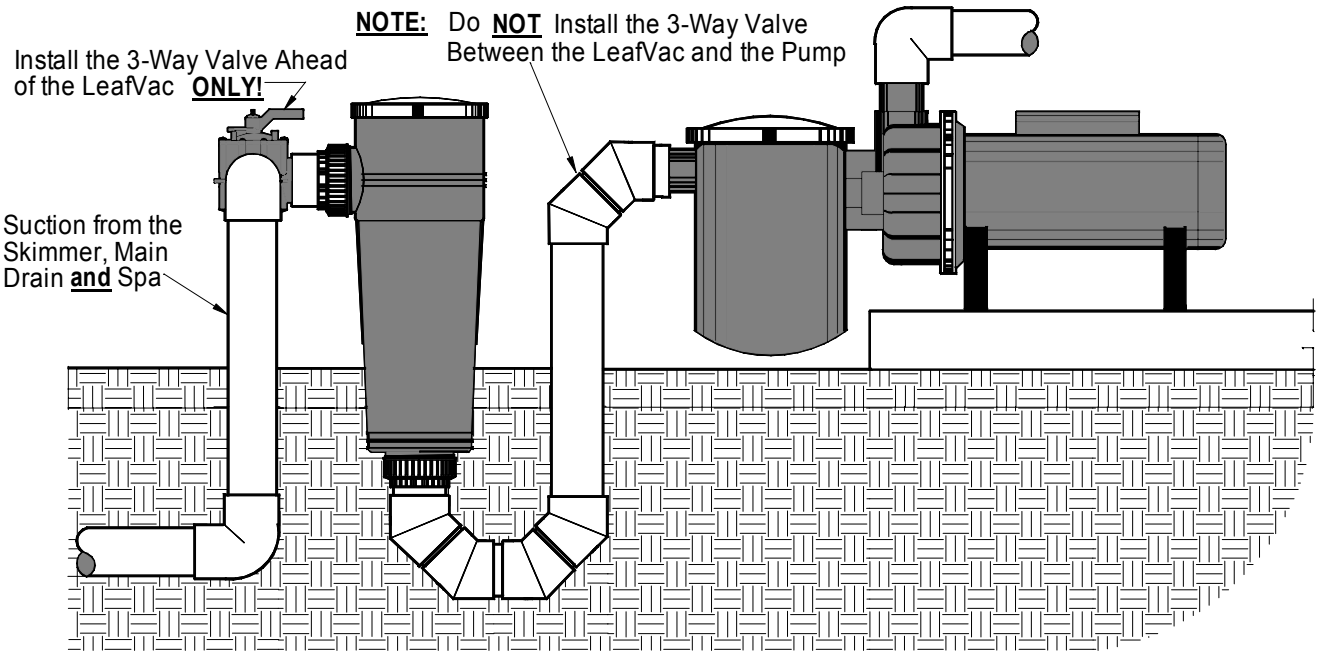

Figure 1

Plumbing the 3” LeafVac Union

The union supplied with the 3” LeafVac allows the system to be plumbed with either a 2”, 2 ½” or 3” suction line. Your A&A layout will designate the required size suction line for each pool application. The following instructions will guide you in the proper use of the union so that the suction side of each system works at maximum efficiency:

1. Determine from the A&A layout, which size suction line is required for this pool and plumb the unions into and out of the LeafVac in the same size configuration.
2. The unions are two pieces each, the *union locking nut* and the *union coupler*. The coupler is designed to accept 2 ½” pipe or a 3” coupling or fitting (see Figure 2).
3. If the A&A layout calls for a 2” suction line, a 2 ½” to 2” reducer fitting must be glued into the Union Coupler (see Figure 3).

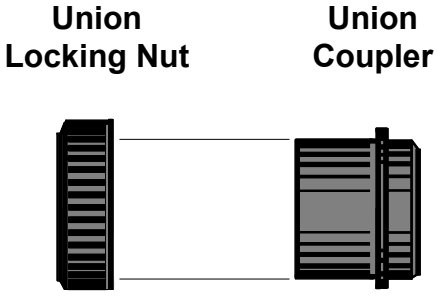

Figure 2

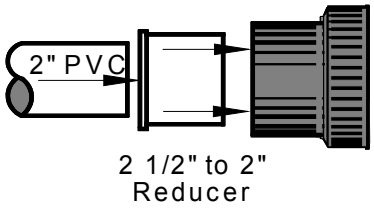

Figure 3

4. If the A&A layout calls for a 2 ½” suction line, the 2 ½” PVC pipe can be glued into the Union Coupler (see Figure 4).

5. If the A&A layout calls for a 3” suction line, a 3” coupling can be glued over the Union Coupler and then a 3” PVC pipe can be glued into the coupling (see Figure 5).

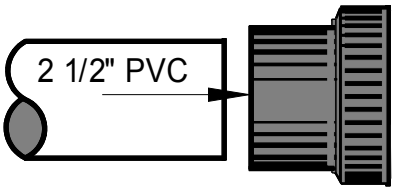

Figure 4

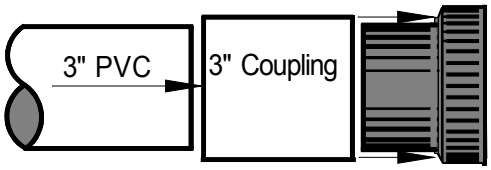

Figure 5

Use ABS to PVC Cement on the Union
and the PVC Pipe
However, Use Primer on the PVC **ONLY!**