



Retro - Installation Instructions

A&A's PDR 10" VGB Retro drain is designed to be installed on an existing (Non-VGB Compliant) A&A 10" drain.

The PDR 10" VGB Retro drain (a submerged suction outlet) must be installed on multiple drains on the same suction line (minimum of 2 drains) 3 feet apart or on different planes.

The maximum allowable system flow rate for PDR 10" VGB Retro drain is 88GPM. If one fitting becomes clogged, the second must be capable of handling maximum system flow. Changing pump size will affect system flow rate. **CAUTION: DO NOT EXCEED MAXIMUM ALLOWABLE FLOW RATE.**

Fitting condition, including fasteners, should be inspected regularly. Any loose or damaged fittings must be replaced prior to using the pool.

The adapter ring provided in the kit (see image below) will slide into the existing lower frame. The adapter ring will extend below the lowest portion of the existing lower frame by $\frac{3}{4}$ of an inch, and it may be necessary to remove some of the material below the frame to provide clearance.

Apply the glue provided in the kit to the inside of the existing lower frame and/or the outer perimeter of the adapter ring. Align the adapter ring holes with the lower frame screw bosses, and press the adapter down until the upper edge of the adapter and frame are flush to one another. The fit of the adapter ring is intended to be tight, and must be pressed down straight.

For underwater installations Devcon Epoxy (available at several local retailers) should be used in place of the glue packet provided.

Install the cover using the supplied Torx safety screws, and do not exceed 30"/lbs of torque. ***DO NOT USE POWER TOOLS TO TIGHTEN THE SCREWS*.**

Read, and then keep these instructions for future reference.

