

SELF-PRIMING EXTERNAL PUMPS



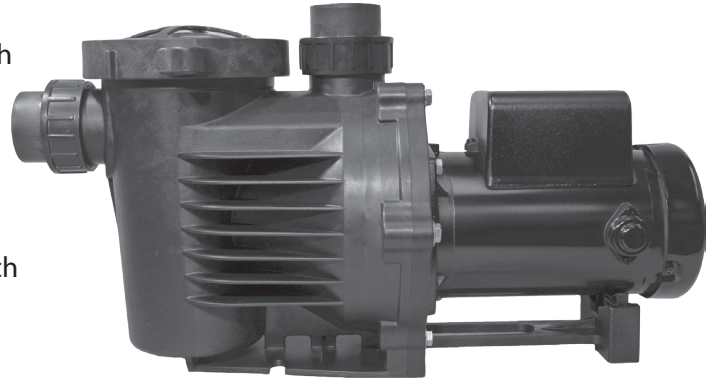
General Installation Tips

for EXP4000, EXP5500, EXP6500, EXP7500, EXP6500HP, EXP9500HP

Before Installation

Open the pump box when received and inspect for evidence of rough handling or damage to the pump and verify the product ordered. If damage is found, notify the freight carrier and contact the vendor purchased from immediately. For order discrepancies, contact the dealer purchased from immediately.

Be sure your installation location is no higher than 9 feet above the water surface level. If using smaller than 2" pipe, excessive fittings such as elbows, sweeps or reducers, using an excessively long pipe run, using additional strainers or any other water flow restriction device, can increase the prime cycle time and reduce flow.



GENERAL INSTALLATION TIPS

1. Position the pump as near to the water and as low as is practical. This will help reduce priming time, avoid cavitation, and maximize your pumps performance.
2. Minimize friction loss by using the appropriate diameter pipe determined by gallons per minute flow, reducing run length, and minimizing the number of elbows and fittings as much as possible.
3. Maximize your pumps service life by protecting the motor from the elements by ensuring it is well covered and adequately ventilated. Exposing your pump to excessive heat or moisture will shorten the life of the motor.
4. **WARNING:** Protect the motor against dirt, water, and all foreign matter. If the motor has been flooded, do not operate it until it has been checked by an authorized motor technician and has been found to be safe to operate. If the motor is damaged by dirt, moisture, foreign matter or corrosion it is not covered by the warranty.
5. Mount the motor to a stable base where it will not get submerged. Use caution when installing in a vault. Be sure proper drainage is in place to prevent flooding. A sturdy pedestal under the pump is beneficial in a vault application to maximize space to the ground. Ensure the vault is properly ventilated.
6. The pump ports are 2" slip on both the inlet and discharge ports. The fittings included with your pump should connect to PVC or flexible PVC pipe plumbing. All plumbing lines should be self supported and properly aligned. This will prevent undue stress to the housing and fittings. We recommend using a good primer and PVC cement to glue the pipe to the tailpiece fittings.
7. Installations in which the water level is elevated above the pump it is highly recommended to use a ball or swing type check valve to prevent back flow and possible reverse rotation. A ball valve will supplement a swing check valve and allow flow adjustments.
8. **FILL THE PRIMING POT WITH WATER BEFORE STARTING THE PUMP.**
9. When determining pump placement, it is important to consider the distance and height from the water source. To ensure reasonable prime time without an inline swing type check valve, position the pump no higher than 9 feet from the water source. Positioning is also important to maintain the pumps ability to stay primed and minimize cavitation. Do not use spring loaded check valves!



***Proper installation of your
EasyPro EXP Self-Priming External Pump
will help ensure years of trouble free service.***

**SCAN
THE CODE**
for more
installation tips and
pump information.



9182-GI-01/23

