



Remote vs. Submersible Pump Systems Advantages & Disadvantages

COSTS

Submersible pump systems

- Typically less expensive (on a first dollar cost basis) to purchase and install
- Less expensive than remote 'dry type' pumps
- No requirement to excavate for and run suction and discharge piping to/from pool to pump room
- No requirement for a remote pump room
- Fewer fittings are required in the pool floor in a submersible application.

MAINTENANCE

Submersible pump systems

- Typically require more extensive and intensive maintenance and servicing
- More susceptible to clogging resulting in system needing to be drained, pumps removed, cleaned and/or repaired, then replaced.

Remote pump systems

- Can be 'isolated' from the pool water and serviced 'in place' *if* necessary.

WINTERIZING

Submersible pump systems

- Pumps must be disconnected (unwired) and removed to a protected location. The process is repeated in reverse when the system is re-started.

Remote pump systems

- Primarily a matter of draining all water from the piping and equipment for the winter.

SAFETY

Submersible pump systems

- More vandalism and theft prone due to equipment exposure and accessibility in the pool
- Not conducive to adding water filtration systems. To do so requires the addition of external piping and the installation of more fittings, which a submersible pump system attempts to minimize
- There is more of an intrinsic safety concern with submersible pump equipment *if* not properly installed and electrically protected.

Remote pump systems

- Remote systems can be installed into lockable or secure pump pits, rooms or vaults
- It is very easy, and not much more expensive, to add a filter and water treatment system to a remote pump system
- When properly installed and wired, it does not pose the concern of 'electricity in water' issue.