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COMMERCIAL POOL EQUIPMENT **REPLACEMENT** GUIDE

When to repair, replace or upgrade key pool systems.

Commercial pool equipment works hard year-round, and aging components can lead to higher operating costs, inconsistent performance, and unexpected downtime. This guide helps facility managers identify when major pool equipment may be nearing the end of its useful life and what to consider before replacing it.

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SECTION 01 SIGNS IT MAY BE TIME TO REPLACE EQUIPMENT

Equipment does not always need to fail completely before replacement makes sense. Declining performance and rising maintenance costs can be early indicators that an upgrade should be considered.

WATCH FOR

- | | |
|--|--|
| ☐ Frequent repairs | ☐ Corrosion, leaks, or unusual noise |
| ☐ Rising energy or water costs | ☐ Difficulty sourcing replacement parts |
| ☐ Reduced flow or filtration performance | ☐ Equipment that no longer meets facility needs |
| ☐ Inconsistent water temperature or chemistry | |



TIP

Track recurring repairs and operating costs. Repeated service expenses can make replacement more economical than continued repair.

SECTION 02 COMMERCIAL POOL PUMPS

Pumps are central to circulation and filtration, making reliability especially important in commercial facilities. Poor pump performance can affect the entire pool system.

CONSIDER REPLACEMENT WHEN

- ◆ The motor requires frequent repairs
- ◆ Flow remains inadequate despite maintenance
- ◆ Energy consumption is increasing
- ◆ The pump is improperly sized
- ◆ Replacement parts are becoming difficult to find

UPGRADE OPPORTUNITY

A newer pump or variable-speed solution may also provide opportunities to reduce energy use.



SECTION 03 COMMERCIAL POOL FILTERS

Filters should maintain clear water and proper system flow without excessive maintenance. Aging or undersized filtration systems may struggle as facility demands increase.

● CONSIDER REPLACEMENT WHEN

- ◆ Filter pressure remains unusually high
- ◆ Water clarity is consistently poor
- ◆ Internal components are damaged
- ◆ Backwashing or maintenance becomes excessive
- ◆ The system uses more water than desired

WHEN REPLACING A FILTER

Compare capacity, maintenance requirements, water consumption, and long-term operating costs.

SECTION 04 CHEMICAL CONTROLLERS & FEED SYSTEMS

Reliable chemical-control equipment helps commercial pools maintain consistent water conditions throughout the day. Older controls may become less accurate or require increasing maintenance.

● CONSIDER REPLACEMENT WHEN

- ◆ Sensors or controllers frequently malfunction
- ◆ Feed equipment requires repeated repairs
- ◆ Replacement components are obsolete
- ◆ Chemical levels are difficult to maintain
- ◆ Existing controls lack needed monitoring capabilities



REMEMBER

Automated chemical systems should still be supported by routine manual testing and inspections.

SECTION 05 COMMERCIAL POOL HEATERS

Aging heaters can become less reliable and more expensive to operate. Replacement may be worthwhile when repairs no longer provide dependable performance.

● WARNING SIGNS INCLUDE

- ◆ Slow or inconsistent heating
- ◆ Frequent shutdowns
- ◆ Leaks or corrosion
- ◆ Increasing fuel or energy costs
- ◆ Difficulty finding replacement parts

BEFORE REPLACING A HEATER

Review pool volume, operating schedule, desired temperature, climate, and available fuel source.

SECTION 06 REPAIR, RETROFIT OR REPLACE?

Not every equipment issue requires full replacement. Use the condition of the equipment, repair history, efficiency, and long-term cost to guide the decision.

REPAIR	RETROFIT	REPLACE
Issue is isolated	Core equipment is still sound	Failures are frequent
Parts are available	Efficiency can be improved	Parts are obsolete
Equipment is relatively new	Controls need modernization	Operating costs are high
Performance remains acceptable	A VFD or automation could help	Equipment no longer meets demand

**SECTION 07****BEFORE YOU ORDER REPLACEMENT EQUIPMENT**

Collecting system information beforehand can help avoid compatibility and sizing problems.

● **HAVE THE FOLLOWING READY**

- | | |
|---|---|
| ☐ Equipment manufacturer and model | ☐ Existing equipment specifications |
| ☐ Pool volume | ☐ Photos of equipment and labels |
| ☐ Required flow or turnover rate | ☐ Recent performance or maintenance issues |
| ☐ Plumbing size | ☐ Facility operating requirements |

PLAN REPLACEMENT BEFORE FAILURE

Proactive equipment replacement can help commercial pool facilities reduce downtime, control operating costs, and avoid emergency purchasing decisions. Evaluating aging equipment before it fails also gives operators more time to compare repair, retrofit, and replacement options.



NEED HELP IDENTIFYING THE RIGHT REPLACEMENT?

Halogen Supply can help commercial pool operators, contractors, schools, municipalities, hotels, and aquatic facilities identify replacement equipment and components for existing systems.

Contact Halogen Supply to discuss your commercial pool equipment replacement needs or request a quote.

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