

Inspection Record

Check Weekly

Date: _____
 Initials: _____
 Notes: _____

Check Weekly

- Visually inspect the pads for bowing, sagging or dry streaks.
- Inspect the sump, remove any debris and make sure the water level is correct.
- Check the water distribution system for leaks and clogged water distributor holes.

Check Monthly

- Check bleed-off rate and adjust if necessary.
- Check water flow rate and adjust if necessary.
- Check pumps and clean any debris from the inlet.

Check Quarterly

- Drain and disinfect the entire water distribution system.

Check Monthly

Date: _____
 Initials: _____
 Notes: _____

Scale Control

- Maintain a pH between 7 and 9 in the sump and 6 and 9 for make-up water supply.
- Make sure the flow of water is even from one end of the distributor pipe to the other.
- Water flow should be 0.75 gpm per linear foot for a 6" pad.
- Use plenty of Bleed Off.

Algae Control

- Shade the pads and sump.
- Allow the pads to dry out completely every 24 hours.
- Avoid contaminants from contacting the pads and water. Dust, fumes, fertilizer, phosphates, etc. provide nutrients for algae growth.

General Rules

- Do not cycle the pump on and off using 10 minute timers. This causes the pads to wear out prematurely.
- Use chemicals to clean and disinfect ONLY - No chlorine and no bromine allowed! Refer to Care Manual QM1128 for recommended cleaning products.

Bleed Off

- Bleed off water continuously to prevent the concentration of minerals.
- Start with 1 gallon/hour (GPH) for each linear foot of cooling system and adjust as needed
- The following formula and table is to help in calculating your bleed off rate.

$$\frac{60 \text{ min.}}{\text{GPH needed}} \times 5 \text{ gal.} = \text{time to fill bucket in minutes}$$

Cooling Length	Bleed off flow in GPH	Minutes to fill 5-gallon bucket
10 ft.	10	30
20 ft.	20	15
30 ft.	30	10
40 ft.	40	7.5
50 ft.	50	6
60 ft.	60	5
70 ft.	70	4.5



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