CLEAR COMFORT: Quick Guide
Ongoing Maintenance

Clear Comfort

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1. CHECK WATER

- pH: 7.2 - 7.6
- Alkalinity: 60 - 120 ppm
- Cyanuric acid: 20 - 40 ppm
- Calcium hardness: 200 - 800 ppm
- Total dissolved solids (TDS): Less than 1,500 ppm
- Phosphates: Less than 200 ppb
- Pump run time: 24/7 or 23/7 for a DE filter
- Run pump: 2,200 - 2,400 RPM

Please Note: Depending on your local climate, cyanuric acid levels over 40 ppm will make shock less effective - additional shock may be required.
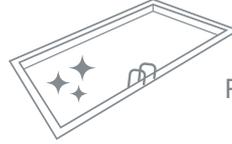
Takes **10 min.**
Perform **weekly**

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2. ADJUST AIR FLOW

- Connect blue Air Tubing from the Clear Comfort System's L-barbed connector to the Manifold's Venturi Air Check Valve
- Install the Valved Flowmeter Kit.
- Turn on circulation pump & adjust the Manifold's knob until the Flowmeter meets the recommended flow rate*.
- If needed, use the Flowmeter's knob for fine tuning.

*Recommended Air Flow Rates:
- *CCW100: 5 - 7 LPM*
- *CCW50: 3 - 5 LPM*

VENTURI

WATER OUT   WATER IN
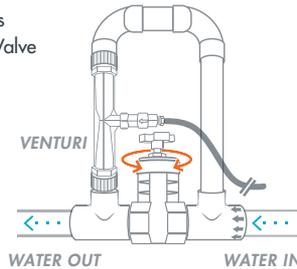
Takes **5 min.**
Perform **monthly**

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3. ALGAE PREVENTION

Use a proactive, non-foaming algae treatment.

1. If needed, at first sign of algae:
   - Brush algae off walls
   - Adjust pH
   - Shock
   - Add algaecide

2. In 24 hours after shock:
   - Backwash your filter
   - Adjust the pH
   - Use a proactive non-foaming algae treatment

Shock
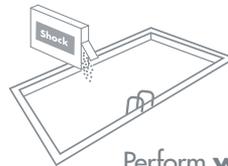
Takes **5 min.**
Perform **weekly to monthly**
(Depending on season & pool usage)

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4. REPLACE CARTRIDGE

1. Turn **OFF** the Clear Comfort system with the front switch.
2. Disconnect the Cartridge Unit's top cable by rotating its base & gently pulling up.
3. Remove Air Tubing from the Cartridge Unit.
4. If using old Air Check Valve, remove it from Air Tubing & install the new Air Check Valve on the Venturi.˙
5. Remove the Cartridge Unit from Control Unit.
6. Remove the Valved Air Flowmeter from the old Cartridge & reinstall on renewed Cartridge Unit.
7. To attach Cartridge Unit, repeat steps in reverse.
8. Return old Cartridge with the shipping label & packaging.

Cable Base

Control Unit

Cartridge Unit

Air Tubing Connection   Old Air Check Valve
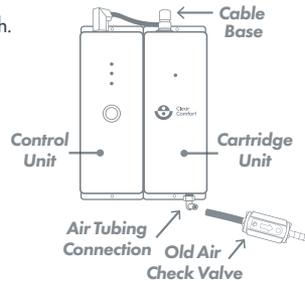
Takes **5 min.**
Perform **annually**

˙For Air Check Valve install instructions, please visit:
clearcomfort.com/acv-guide

📞 303.872.4477   ✉ support@clearcomfort.com   ⊕ clearcomfort.com/help