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TecTake 800580

User Manual: tectake® Complete Garden Pool Kit

Model: 800580

1. Safety Information

Please read and understand all safety instructions before assembling, installing, or using this product. Failure to follow these instructions could result in serious injury or death.

- **Adult Supervision Required:** Always supervise children in and around the pool. Never leave children unattended.
- **No Diving or Jumping:** This pool is not designed for diving or jumping. Serious injury, paralysis, or death may result.
- **Pool Placement:** Set up the pool on a firm, level surface, free of sharp objects. Ensure adequate clearance around the pool.
- **Electrical Safety:** Ensure all electrical components (filter pump) are connected to a grounded outlet with a Ground Fault Circuit Interrupter (GFCI). Do not use extension cords.
- **Chemical Handling:** Handle pool chemicals with care. Follow manufacturer's instructions for safe storage and use. Keep out of reach of children.
- **Safety Ladder:** Always use the provided safety ladder for entry and exit. Remove or secure the ladder when the pool is not in use to prevent unsupervised access.
- **Drainage:** Ensure proper drainage away from the pool area to prevent water accumulation.
- **Local Regulations:** Check with your local authorities for any specific regulations regarding pool installation, fencing, or safety barriers.

2. Product Overview

The tectake® Complete Garden Pool Kit provides a spacious and durable solution for family swimming enjoyment. This oval above-ground pool features a robust steel frame and a resilient PVC liner, designed for easy setup and long-lasting use.

Included Components:

- Pool Liner (PVC with integrated polyester mesh)
- Steel Frame Components

- Safety Ladder
- Sand Filter System
- Protective Pool Cover
- Ground Sheet
- Skimmer Net
- Pool Vacuum
- Inflatable Mattress



Figure 2.1: Overview of all included components in the tectake® Complete Garden Pool Kit.

3. Setup and Assembly

Careful assembly is crucial for the stability and longevity of your pool. Follow these steps in order.

3.1 Site Preparation

1. Choose a flat, level area in your garden, free from sharp objects, roots, or debris.
2. Ensure the ground is firm and can support the weight of the filled pool (approx. 17,500 liters).
3. Clear the area of any overhead obstructions like power lines or tree branches.

3.2 Ground Sheet Placement

1. Unfold the ground sheet and lay it flat on the prepared site. This protects the pool liner from punctures.



Figure 3.1: Pool liner placed on the ground sheet, ready for frame assembly.

3.3 Frame Assembly

1. Unpack all steel frame components and identify them according to the assembly diagram in your separate instruction manual.
2. Assemble the horizontal and vertical support beams, ensuring all connections are secure.
3. Carefully insert the pool liner into the assembled frame, ensuring it is centered and evenly distributed.

3.4 Safety Ladder Assembly

1. Assemble the safety ladder according to its specific instructions. Ensure all steps and handrails are securely fastened.
2. Attach the ladder to the pool frame. The ladder is designed to be accessible from both sides and can be secured or removed when not in use for safety.



Figure 3.2: The safety ladder can be pivoted up and secured to prevent unsupervised access.

3.5 Sand Filter System Setup

1. Place the sand filter on a stable, level surface near the pool.
2. Fill the filter tank with the appropriate amount and type of filter sand (not included).

3. Connect the hoses from the pool's inlet and outlet ports to the corresponding ports on the sand filter. Ensure all connections are tight to prevent leaks.
4. Connect the filter pump to a GFCI-protected electrical outlet.



Figure 3.3: Detailed view of the sand filter system connections.

4. Operating the Pool

4.1 Filling the Pool

1. Before filling, ensure the drain plug is securely closed.
2. Begin filling the pool with water. As the water level rises, smooth out any wrinkles in the pool liner from the center outwards.
3. Fill the pool to the recommended level, typically just below the filter inlet/outlet ports. The pool has a capacity of approximately 17,500 liters (at 90% full).

4.2 Operating the Sand Filter

The sand filter is essential for keeping your pool water clean. Refer to the separate sand filter manual for detailed operating instructions.

- **Filter Mode:** This is the standard operating mode for daily filtration.
- **Backwash Mode:** Used to clean the filter sand by reversing water flow. Perform when pressure gauge indicates high pressure or water flow is reduced.
- **Rinse Mode:** Used after backwashing to settle the sand before returning to filter mode.
- **Waste Mode:** Used for draining water directly from the pool, bypassing the filter.
- **Closed Mode:** Shuts off flow to the filter.
- **Recirculate Mode:** Circulates water without filtering.

Always turn off the filter pump before changing the multi-port valve setting.

5. Maintenance

Regular maintenance ensures clean water and extends the life of your pool.

5.1 Daily Maintenance

- **Skimming:** Use the provided skimmer net to remove leaves, insects, and other debris from the water surface.
- **Water Testing:** Test the water daily for pH, chlorine, and alkalinity levels using a pool test kit (not included). Adjust chemicals as needed to maintain proper balance.
- **Filter Operation:** Run the sand filter for several hours each day to ensure proper water circulation and filtration.



Figure 5.1: Skimmer net and pool vacuum for daily cleaning.

5.2 Weekly Maintenance

- **Vacuuming:** Use the pool vacuum to clean the bottom of the pool, removing settled dirt and debris.
- **Backwashing Filter:** Backwash the sand filter as indicated by the pressure gauge or reduced flow. Follow with a rinse cycle.
- **Liner Cleaning:** Gently wipe down the pool liner at the waterline to prevent buildup of dirt and grime.

5.3 Seasonal Maintenance

- **Pool Cover:** Use the protective pool cover when the pool is not in use to keep debris out and reduce evaporation.



Figure 5.2: Pool covered with the protective cover for seasonal protection.

- **Winterization:** Before freezing temperatures, drain the pool completely using the drain plug. Clean and dry all components thoroughly. Disassemble the frame and store all parts in a dry, protected area to prevent damage.

6. Troubleshooting

This section addresses common issues you might encounter with your pool.

Problem	Possible Cause	Solution
Cloudy Water	Insufficient filtration, chemical imbalance, high organic load.	Run filter longer, test and adjust water chemistry, shock treat the pool.
Pump Not Working	No power, clogged impeller, air lock.	Check power connection/GFCI, clear impeller, prime the pump.
Water Leakage	Loose hose connections, puncture in liner, faulty drain plug.	Tighten connections, inspect liner for damage and patch if necessary, ensure drain plug is secure.
Poor Water Flow	Clogged skimmer/pump basket, dirty filter sand, air in system.	Clean baskets, backwash filter, bleed air from system.

7. Specifications

Feature	Specification
Model Number	800580

Feature	Specification
Total Dimensions (Ø x H)	450 x 122 cm (177.2 x 48 inches)
Capacity (90%)	Approx. 17,500 Liters (4,623 US Gallons)
Material	Steel frame, Polyvinyl Chloride (PVC) liner with 100% polyester mesh
Safety Ladder Dimensions (W x D x H)	Approx. 63 x 141 x 176 cm (24.8 x 55.5 x 69.3 inches)
Color	Blue
Assembly Required	Yes

8. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact TecTake customer service directly. Details regarding electrical and electronic devices, batteries, and their disposal can often be found in the seller's storefront under 'General Terms and Conditions and Help'.

It is recommended to retain your proof of purchase for any warranty claims.

For missing parts or specific technical assistance, please reach out to the manufacturer's support channels.

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