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> Intex: 16' x 48" Prism Frame: Chevron Premium Above Ground Pool Set User Manual

## Intex 26745EH

# Intex 16' x 48" Prism Frame Pool Set User Manual

MODEL: 26745EH

## 1. Product Overview

The Intex 16' x 48" Chevron Prism Frame Pool Set (Model 26745EH) offers a stylish and durable solution for backyard aquatic enjoyment. This premium above-ground pool features a distinctive Chevron pattern, enhancing the aesthetic of any outdoor space. Designed for ease of assembly, it incorporates innovative T-joints and strong powder-coated metal frames, ensuring stability and longevity. The pool liner is constructed from puncture-resistant 3-ply material for enhanced durability.

The set includes essential accessories for a complete pool experience, such as a 1,500 GPH Krystal Clear cartridge filter pump, a pool ladder, a ground cloth, and a pool cover. The integrated Hydro Aeration Technology within the pump system improves water circulation, filtration, and clarity, while also increasing negative ions at the water surface.



Figure 1.1: The Intex 16' x 48" Prism Frame Pool Set, showcasing its full assembled view with the distinctive Chevron pattern.

## 2. Safety Information

Your safety is paramount. Please read and adhere to all safety warnings and instructions before setting up and using the

pool. Failure to follow these guidelines can result in serious injury or drowning.

- **Active Adult Supervision:** Always ensure active adult supervision of children in and around the pool. Never leave children unsupervised, even for a moment.
- **Ladder Removal:** Always remove the pool ladder when the pool is not in use to prevent unsupervised access by children.
- **No Diving or Jumping:** This is an above-ground pool. Do not dive or jump into the pool, as this can lead to severe injury.
- **Remove Toys:** Remove all toys from the pool when not in use to avoid attracting children to the pool area.
- **Fencing/Barriers:** Consider installing fencing or approved barriers around the pool area to restrict unsupervised access.
- **Emergency Preparedness:** Keep emergency equipment (e.g., life preserver, first aid kit) readily accessible. Know how to perform CPR.
- **Chemical Handling:** Handle pool chemicals according to manufacturer's instructions. Store them safely out of reach of children.

### 3. What's in the Box

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Verify that all components are present before beginning assembly:

- Intex 16' x 48" Prism Frame Pool Liner
- Powder-Coated Metal Frame Components (legs, horizontal beams, T-joints)
- 1,500 GPH Krystal Clear Cartridge Filter Pump
- Pool Ladder
- Ground Cloth
- Pool Cover
- Hoses and Clamps for Filter Pump Connection
- Instruction Manual



Figure 3.1: The Krystal Clear Cartridge Filter Pump, a key component for maintaining water cleanliness and clarity.



Figure 3.2: The included pool ladder, designed for safe entry and exit from the pool.

## 4. Setup

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Setting up your Intex Prism Frame Pool is designed to be straightforward, typically taking approximately 45 minutes to be ready for water. No tools are required for the main frame assembly due to the innovative T-Joint design.

### 4.1 Site Preparation

- Choose a firm, level surface free of sharp objects, debris, or loose soil.
- Ensure the area is large enough to accommodate the pool (16 ft diameter) plus additional space for circulation and access.
- Avoid setting up the pool under overhead power lines or near structures that could fall onto the pool.
- Ensure proper drainage away from the pool area.

### 4.2 Assembly

1. Lay out the ground cloth on the prepared level surface.
2. Unfold the pool liner on top of the ground cloth, ensuring the drain plug is positioned correctly for future draining.
3. Assemble the metal frame components by connecting the horizontal beams and vertical legs using the T-joints. Refer to the detailed diagrams in the included manual for specific connections.
4. Thread the frame components through the fabric sleeves on the pool liner.
5. Once the frame is fully assembled and secured, ensure all connections are tight.

### 4.3 Filling the Pool

- Begin filling the pool with water. As the water level rises, gently smooth out any wrinkles in the bottom of the liner, working from the center outwards.
- Fill the pool to the recommended water depth of 42 inches, or approximately 90% capacity (5,061 gallons).
- Connect the filter pump hoses to the designated inlet and outlet fittings on the pool liner. Ensure all connections are secure and leak-free.



Figure 4.1: The pool with the filter pump hoses properly connected, ready for water circulation.

## 5. Operating

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### 5.1 Filter Pump Operation

- Ensure the filter pump is connected to a grounded electrical outlet and positioned on a stable surface.
- Before starting the pump, ensure the pool is filled to the appropriate level and all air is purged from the system.
- Operate the filter pump daily for several hours to ensure proper water circulation and filtration. The exact duration depends on pool usage and water conditions.
- Regularly check the filter cartridge and clean or replace it as needed to maintain optimal filtration performance.

## 5.2 Hydro Aeration Technology

The Hydro Aeration Technology is integrated into the filter pump system and enhances water quality through several mechanisms:

- **Improved Circulation and Filtration:** Air is introduced into the water stream, aiding in the oxidation of iron and manganese, which are common causes of water discoloration.
- **Improved Water Clarity:** Fine particles in the water clump together, making them easier for the filter pump to remove, resulting in clearer water.
- **Increased Negative Ions:** The aeration process releases negative ions, which are known to improve air freshness around the pool.



Figure 5.1: Visual representation of the Hydro Aeration Technology, showing air bubbles being introduced into the pool water for enhanced clarity and circulation.

## 6. Maintenance

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Regular maintenance is crucial for keeping your pool clean, safe, and extending its lifespan.

### 6.1 Water Chemistry

- Test pool water regularly (daily or every other day) for pH, chlorine, and alkalinity levels using a reliable test kit.
- Maintain pH levels between 7.2 and 7.6.
- Maintain free chlorine levels between 1-3 ppm.
- Adjust chemical levels as needed following the instructions on your pool chemical products.

### 6.2 Cleaning

- Skim debris from the water surface daily using a pool skimmer net.

- Brush the pool walls and floor weekly to prevent algae growth and loosen debris.
- Vacuum the pool floor as needed to remove settled debris.
- Clean or replace the filter cartridge every 2 weeks, or more frequently if the pump flow rate decreases significantly.

6.3 Winterization/Storage

- At the end of the swimming season, drain the pool completely using the drain plug.
- Clean and thoroughly dry the pool liner and all frame components before disassembling.
- Store all components in a dry, protected area, away from extreme temperatures and pests.

7. Troubleshooting

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

| Problem                 | Possible Cause                                                          | Solution                                                                                            |
|-------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Cloudy Water            | Insufficient filtration; improper chemical balance; high organic load.  | Run filter pump longer; backwash/clean filter; test and adjust chemicals; shock treat pool.         |
| Pump Not Running        | No power; clogged impeller; air lock.                                   | Check power connection/breaker; unplug and inspect impeller; prime pump by bleeding air.            |
| Water Leaking from Pool | Hose connections loose; small puncture in liner; drain plug not sealed. | Tighten hose clamps; use included repair patch kit for liner; ensure drain plug is securely closed. |
| Algae Growth            | Low chlorine; poor circulation; high phosphates.                        | Shock treat pool; brush walls; ensure adequate filtration; use algaecide.                           |

8. Specifications

| Feature                  | Detail                                                             |
|--------------------------|--------------------------------------------------------------------|
| Model Number             | 26745EH                                                            |
| Approximate Set-Up Size  | 16 ft x 48 in (Diameter x Height)                                  |
| Water Depth              | 42 in                                                              |
| Water Capacity (90%)     | 5,061 Gallons                                                      |
| Filter Pump Flow Rate    | 1,500 Gallons Per Hour (GPH)                                       |
| Material                 | Puncture-resistant 3-ply material liner, Powder-coated metal frame |
| Approximate Set-Up Time  | 45 minutes (ready for water)                                       |
| Recommended Age          | 6 years and up                                                     |
| Product Dimensions (Box) | 50 x 23 x 20.5 inches                                              |

| Feature           | Detail       |
|-------------------|--------------|
| Item Weight (Box) | 172.6 pounds |
| Country of Origin | China        |

## 9. Warranty

The Intex 16' x 48" Prism Frame Pool Set comes with a**1-Year Limited Warranty**. This warranty covers manufacturing defects from the date of purchase. Please retain your proof of purchase for any warranty claims. For specific terms and conditions, refer to the warranty information provided in your product packaging or visit the official Intex website.

## 10. Support

For further assistance, troubleshooting, or to purchase replacement parts, please contact Intex customer support or visit their official website. You can often find FAQs, video tutorials, and contact information on the manufacturer's support pages.

**Intex Official Website:** [www.intexcorp.com](http://www.intexcorp.com)

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