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> Intex 20ft x 52in Outdoor Prism Frame Above Ground Swimming Pool Set User Manual

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Model: 20ft x 52in Prism Frame Pool Set

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient use of your Intex 20ft x 52in Outdoor Prism Frame Above Ground Swimming Pool Set. This set includes the pool, a cartridge filter pump, two inflatable lounge chairs, and an inflatable cooler with lid.

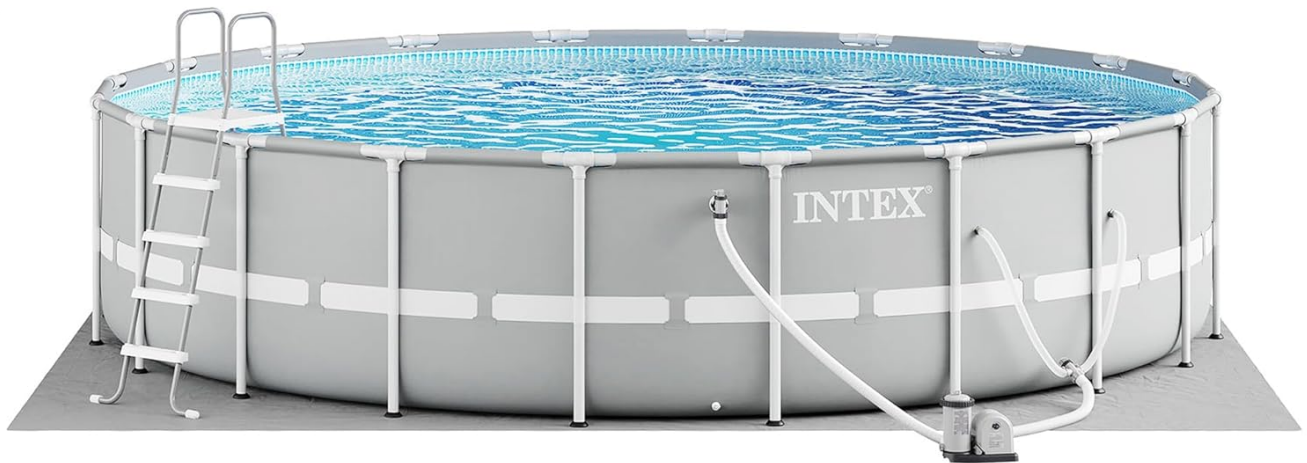


Image: Complete Intex 20ft x 52in Prism Frame Pool Set, showcasing the pool, filter pump, ladder, two inflatable lounge chairs, and an inflatable cooler.

Video: An overview of Intex products, including the Prism Frame Pool and inflatable loungers, highlighting their use in various outdoor settings. This video demonstrates the lifestyle aspects and versatility of Intex recreational products.

2. SAFETY INFORMATION

Read and understand all instructions before installing and using this product. Failure to follow these warnings and instructions can result in serious injury or death.

- Adult supervision is required at all times when children are in or near the pool.
- Ensure the pool is set up on a level, solid surface to prevent collapse.
- Keep all electrical cords and equipment away from water.
- Do not dive or jump into the pool.
- Secure the pool when not in use to prevent unauthorized access.
- Regularly inspect all components for wear and tear.

3. COMPONENTS AND PACKAGE CONTENTS

Verify that all components listed below are present in your package before beginning assembly.

INCLUDED ACCESSORIES



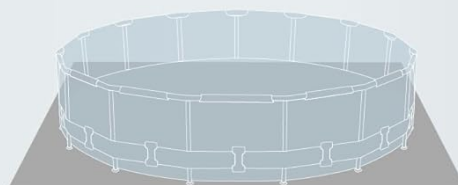
**Krystal Clear™
C1500 Cartridge
Filter Pump**



Removable Ladder



Pool Cover



Ground Cover

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Image: Visual representation of the main accessories included with the pool set, such as the filter pump, ladder, pool cover, and ground cover.

- Prism Frame Pool Liner
- Powder-Coated Steel Tubing Frame Components
- Krystal Clear™ C1500 Cartridge Filter Pump (Intex Model 28603EG)
- Filter Cartridge (Type A or C)
- Removable Ladder
- Pool Cover
- Ground Cover
- Two Inflatable Lounger Chairs
- Inflatable Cooler with Lid
- Instructional DVD



Image: The two included inflatable lounge chairs, designed for comfort and relaxation.

4. SETUP

Proper site preparation and assembly are crucial for the stability and longevity of your pool. It is recommended to have at least two adults for assembly.

4.1 Site Preparation

1. Choose a firm, level area free of sharp objects, debris, and excessive slopes.
2. Clear the area of grass, roots, and rocks.
3. Lay down the included ground cover to protect the pool liner.

4.2 Pool Assembly

The Prism Frame pools feature strong, powder-coated steel tubing and composite T-joints for easy, tool-free setup.

Innovative T-Joint

Composite T-joints precisely engineered for strength, frame protection, and easy, tool-free setup



Superior Frame Design

Galvanized steel frames for extra durability and rust-resistance

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Image: Details on the innovative T-Joints for tool-free setup and the superior frame design with galvanized steel for durability and rust resistance.

1. Unfold the pool liner on the prepared ground cover.
2. Assemble the frame by connecting the steel tubes and T-joints according to the instructional DVD. Ensure all connections are secure.
3. Insert the frame into the liner's sleeves.
4. Once the frame is fully assembled and the liner is properly spread, begin filling the pool with water. As the water level rises, the liner will settle into its final shape.



HydroAeration® Technology

INTEX's patented HydroAeration® Technology is precision engineered to improve filtration, clarity and freshness in above ground pools.

Image: Illustration of the advanced structure and oversized metal tubes, which contribute to 21% more anti-bending strength during assembly and use.

4.3 Filter Pump and Accessory Setup

1. Connect the Krystal Clear™ C1500 Cartridge Filter Pump to the pool's inlet and outlet fittings as per the pump's specific instructions.
2. Install the removable ladder securely. Ensure it is stable before use.
3. Inflate the lounge chairs and cooler using an appropriate air pump (not included).

5. OPERATING THE POOL AND ACCESSORIES

5.1 Filter Pump Operation

The Krystal Clear™ C1500 Cartridge Filter Pump features Hydro Aeration Technology for improved water quality.

KRYSTAL CLEAR[™] CARTRIDGE FILTER PUMP C1500

INTEX[®]

- Automatic daily filtration with 2-12 hour cycles
- Easy-to-clean filter cartridge
- Energy-saving timer built into the GFCI
- Pump Flow Rate:
1500 GPH



INTEX's patented HydroAeration[®] Technology is precision engineered to improve filtration, clarity and freshness in above ground pools.

Image: Detailed features of the Krystal Clear Cartridge Filter Pump C1500, including its filtration cycles, flow rate, and Hydro Aeration Technology.

- Plug in the pump to a GFCI-protected outlet. The pump has an energy-saving timer built into the GFCI.
- Allow the pump to run for 2-12 hour cycles daily for optimal filtration.
- Hydro Aeration Technology injects air into the water, accelerating circulation and improving clarity by joining fine particles into larger clusters for better filtration. This also increases negative ions for improved air quality around the pool.



Advanced Circulation

Injecting air into the water accelerates circulation and joins fine particles into larger clusters that can be filtered more effectively.

Image: Visual explanation of HydroAeration Technology, showing how air is introduced into the water to enhance filtration and clarity.

5.2 Using Lounger Chairs and Cooler

- Ensure lounge chairs are fully inflated before use.
- The inflatable cooler can hold up to 72 cans and ice, or serve as a floating base for a 48-quart cooler.
- Both loungers and the cooler include cup holders for convenience.

6. MAINTENANCE

Regular maintenance ensures the longevity and cleanliness of your pool.

6.1 Water Chemistry

- Test pool water regularly for pH, chlorine, and alkalinity levels.
- Adjust chemicals as needed to maintain balanced water for safety and clarity.

6.2 Filter Cartridge Cleaning and Replacement

- Turn off and unplug the filter pump before cleaning.
- Remove the filter cartridge and rinse it thoroughly with a garden hose.
- Replace the filter cartridge every two weeks or sooner if heavily soiled.

6.3 Pool Cleaning

- Skim debris from the water surface daily.
- Brush the pool walls and floor weekly to prevent algae buildup.
- Vacuum the pool floor as needed.
- Use the included pool cover when the pool is not in use to keep out debris and reduce evaporation.

6.4 Winterization and Storage

- Completely drain the pool at the end of the swimming season.
- Disassemble the frame and liner. Clean and dry all components thoroughly.
- Store the pool liner and frame parts in a dry, protected area, away from extreme temperatures and pests.
- Deflate and clean the lounge chairs and cooler before storing.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Water is cloudy	Insufficient filtration, unbalanced chemicals, high bather load	Run filter pump longer, clean/replace filter cartridge, test and adjust water chemistry, shock treat pool.
Pump not running	No power, clogged impeller, GFCI tripped	Check power connection, reset GFCI, clean impeller, consult pump manual.
Pool losing water	Leak in liner, evaporation, splash-out	Inspect liner for punctures and repair, cover pool when not in use, minimize splashing.
Frame unstable	Uneven ground, improper assembly	Ensure pool is on a perfectly level surface, re-check all frame connections.

8. SPECIFICATIONS

Key technical specifications for the Intex 20ft x 52in Prism Frame Pool Set.

SPECIFICATIONS

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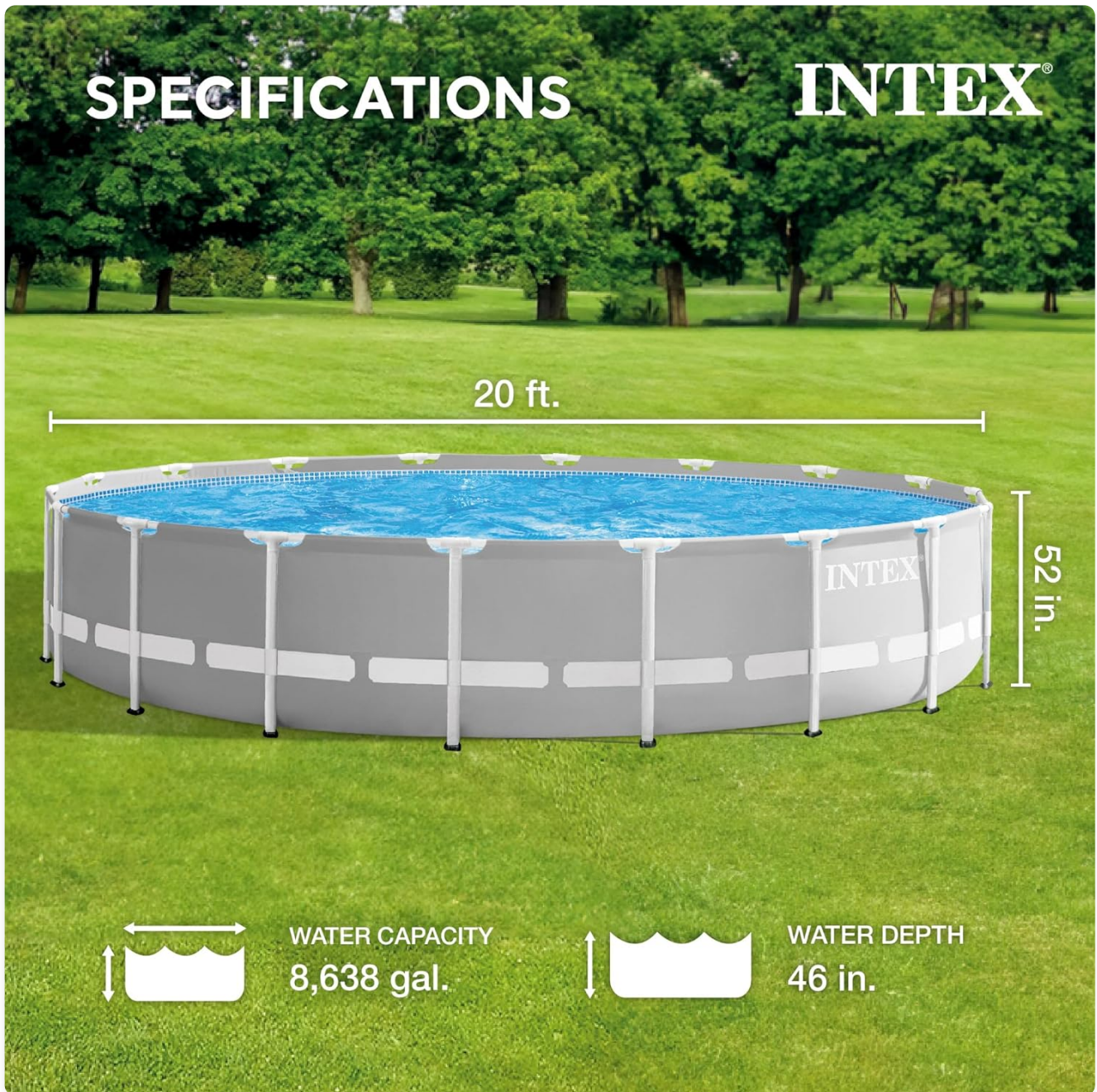


Image: Detailed specifications of the pool, including its 20 ft diameter, 52-inch height, 8,638-gallon water capacity, and 46-inch water depth.

- **Pool Dimensions (L x W x H):** 240 x 240 x 52 inches (20 ft diameter x 52 in height)
- **Water Capacity (at 90%):** 8,638 gallons (32,698 L)
- **Water Depth:** 46 inches (117 cm)
- **Material:** Puncture-resistant 3-ply material liner, Alloy Steel frame
- **Frame:** Powder-coated steel tubing with composite T-joints
- **Filter Pump:** Krystal Clear™ C1500 Cartridge Filter Pump (1,500 GPH / 5,678 LPH)
- **Assembly Required:** Yes
- **Maximum Ladder Weight Capacity:** 300 lbs. (136 kg)

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3-PLY SIDE WALL LINER

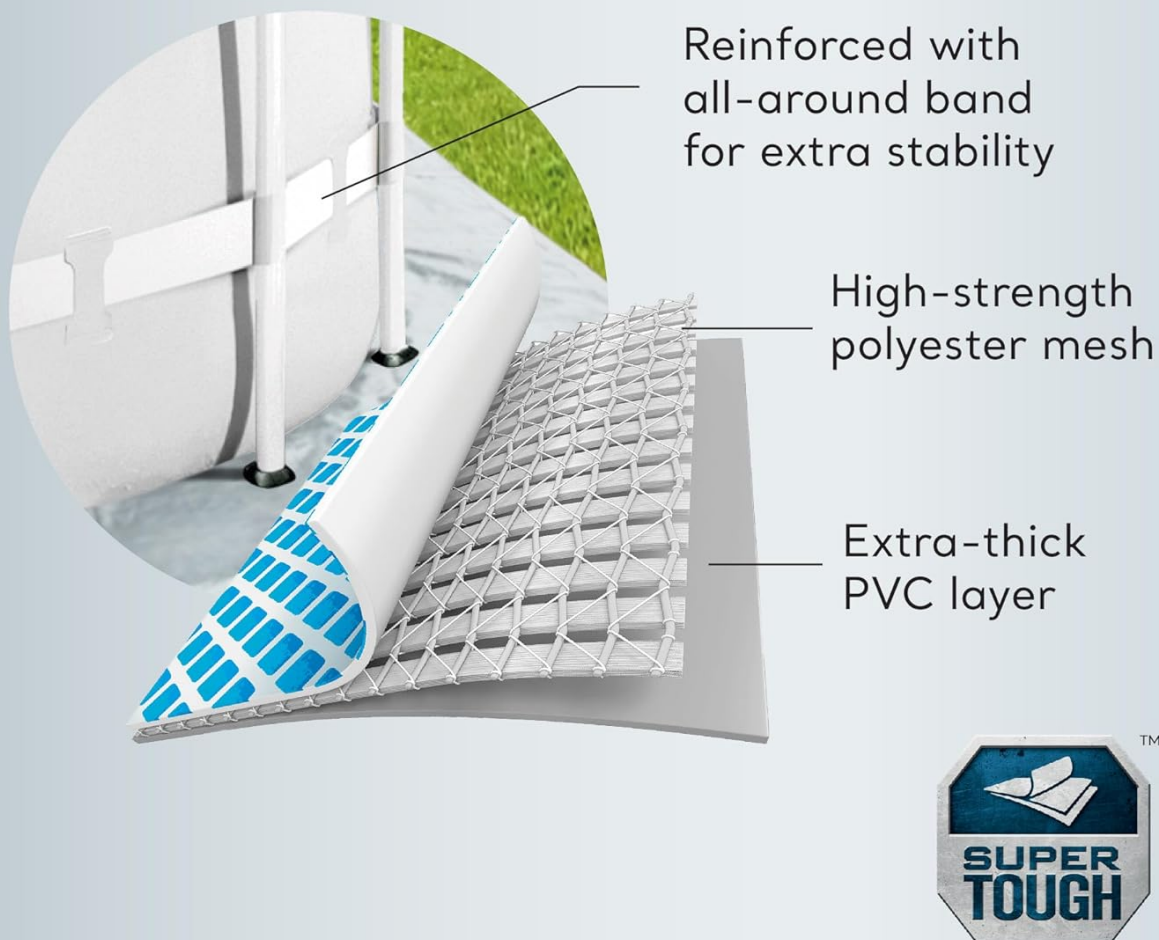


Image: Cross-section view of the Intex 3-Ply Side Wall Liner, illustrating its reinforced construction with an all-around band, high-strength polyester mesh, and extra-thick PVC layers for durability.

9. WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts, please contact Intex customer service. Keep your proof of purchase for any warranty claims.

Visit the official Intex website or refer to the contact information provided in your product packaging for the most up-to-date support details.