

Intex 28843EH

INTEX UltraLuxe 24 ft x 52 in Round Above Ground Pool Set

Model: **28843EH**

Brand: Intex

[Introduction](#)

[Setup](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Support](#)

1. INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, and maintenance of your INTEX UltraLuxe 24 ft x 52 in Round Above Ground Pool Set. Please read all instructions carefully before installation and use to ensure proper function and longevity of your pool system.

The UltraLuxe Frame Pool is designed to offer a premium swimming experience. It features a durable construction and integrated smart technology for simplified pool management.

Key Features:

- **Enhanced Durability:** Constructed with a high-strength 3-ply liner and a weather-coated steel frame for exceptional tear resistance and stability.
- **Complete Pool System:** Includes a pool liner, saltwater sanitation system, sand filter pump, in-wall skimmer, retractable staircase ladder, drink tray, solar-powered lights, and an All-Season Deluxe pool cover.
- **Smart Control:** Wi-Fi enabled system allows management of the Krystal Clear Water Analyzer, sand

filter pump, and saltwater system via the INTEX Link App, providing real-time salinity and pH level updates.

- **Retractable Ladder:** Features wider, deeper steps for safe and easy access, with a retractable design to regulate pool access.
- **Saltwater System:** Produces natural chlorine, offering a gentler alternative to traditional chemical treatments for water sanitation.

2. SETUP AND ASSEMBLY

Proper site preparation and assembly are crucial for the stability and safety of your pool. Ensure the chosen location is level, firm, and free from sharp objects. Refer to the detailed assembly instructions provided in the separate printed manual for step-by-step guidance.

Site Preparation:

- Select a flat, level area for pool installation. Uneven ground can cause structural stress and potential failure.
- Clear the area of any debris, rocks, or sharp objects.
- Lay down the included ground cloth to protect the pool liner.

Pool Frame Assembly:

The UltraLuxe pool features an innovative T-joint system designed for easy, tool-free assembly. Connect the frame components according to the diagrams in your printed manual. Ensure all connections are secure before proceeding.

UltraLuxe SERIES

This pool set combines unmatched durability, technology and elevated comfort in one package.



High-Strength
3-Ply Liner



Weather-Coated
Steel Frame



Easy Lock
System



Image: Overview of the INTEX UltraLuxe Series pool set, highlighting its key structural features and showing people enjoying the pool.



Image: Cross-section diagram illustrating the enhanced durability of the 3-ply pool liner, composed of high-strength polyester mesh and thick PVC layers.

Liner Installation:

Carefully spread the pool liner within the assembled frame. Ensure the pebble-textured blue liner is smooth and free of wrinkles. Connect the liner to the frame as instructed in the manual.

Accessory Installation:

- **Staircase Ladder:** Assemble and install the retractable staircase ladder. Ensure it is securely attached and the safety latch functions correctly to regulate pool access.
- **Wall Skimmer:** Install the in-wall skimmer to collect surface debris.
- **Sand Filter Pump & Saltwater System:** Connect the filtration system components as per the instructions.
- **Water Analyzer:** Place the Krystal Clear Water Analyzer in the pool.
- **Solar-Powered Lights:** Attach the solar-powered LED lights to the T-joints.
- **Pool Tray:** Secure the pool tray for convenient access to items.

INTEX®

COMPLETE SET



Sand Filter Pump
& Saltwater System



Wall Skimmer



Water
Analyzer



Redesigned
Pool Stairs



All-Season
Pool Cover



Ground Cloth

Image: All components included in the INTEX UltraLuxe pool set, such as the sand filter pump, saltwater system, and ladder.

Redesigned Pool Stairs

Retractable steps secure with a safety latch, allowing users to limit pool access when not in use.



Image: Detailed view of the redesigned pool stairs, emphasizing the retractable steps and safety latch for controlled access.

3. OPERATION

Your UltraLuxe pool is equipped with smart features to simplify operation and water quality management.

Filling the Pool:

Once the pool frame and liner are fully assembled and secure, begin filling the pool with water. Monitor the water level and ensure the liner settles correctly without excessive stretching or creasing.

Sand Filter Pump & Saltwater System:

The Krystal Clear QX2600 Sand Filter Pump and Saltwater System work together to maintain clean and sanitized water. The sand filter removes physical impurities, while the saltwater system generates natural chlorine from pool salt, reducing the need for harsh chemical additives.

KRYSTAL CLEAR QX2600 SAND FILTER PUMP AND SALTWATER SYSTEM

Improves water
clarity & freshness



Reduces chemical use -
Just add salt!

- Easy pump installation
- 16 inch diameter corrosion resistant tank
- Automatic daily filtration with 2-12 hour cycles
- Recommended filtering media quantity:
120 lb #20 silica sand

2,650GPH



Image: The Krystal Clear QX2600 Sand Filter Pump and Saltwater System, detailing its features like Hydro Aeration Technology and automatic filtration cycles.

Refer to the pump and saltwater system manual for specific operating instructions, including backwashing the filter and adding pool salt.

Smart Pool Control (INTEX Link App):

The integrated Wi-Fi connectivity allows you to manage your pool's maintenance through the INTEX Link App. Download the app from your device's app store and follow the pairing instructions to connect your Krystal Clear Water Analyzer, sand filter pump, and saltwater system.

WIFI-ENABLED SMART POOL SYSTEM



WATER ANALYZER

Monitors pool water quality and sends alerts with detailed action steps via the INTEX Link App.



REAL-TIME WATER QUALITY UPDATES

Continuously tracks pH and chlorine levels - takes readings every hour.



WORRY-FREE MAINTENANCE

Automatically activates the filter pump and saltwater system to adjust chlorine levels when needed.

Image: Visual representation of the WiFi-Enabled Smart Pool System, demonstrating the water analyzer, app interface for water quality, and automated system activation.

The app provides real-time salinity and pH level updates and can automatically activate the filter pump and saltwater system to maintain optimal water balance.

Solar-Powered Mood Lights:

The integrated solar-powered LED lights automatically illuminate the pool area, providing ambient lighting for evening use. Ensure the solar panels receive adequate sunlight during the day for optimal charging.

Your browser does not support the video tag.

Video: An overview of the Intex UltraLuxe Above Ground Swimming Pool, demonstrating its features and smart capabilities.

4. MAINTENANCE

Regular maintenance is essential to keep your pool water clean, safe, and to extend the life of your pool

system.

Water Quality Management:

- **Krystal Clear Water Analyzer:** Utilize the water analyzer and INTEX Link App to continuously monitor pH and chlorine levels. Follow app recommendations for adjustments.
- **Salt Levels:** Maintain appropriate salt levels for the saltwater system to function effectively. Refer to the saltwater system manual for recommended salt concentration (e.g., 950ppm as noted in some user experiences, but always verify with official manual).
- **Chemical Balance:** Periodically test water for other parameters (e.g., alkalinity, calcium hardness) and adjust as needed using appropriate pool chemicals.

Filtration System Care:

- **Sand Filter:** Regularly backwash the sand filter to remove trapped debris and maintain efficient filtration. Consult the sand filter pump manual for frequency and procedure.
- **In-Wall Skimmer:** Empty the skimmer basket daily or as needed to prevent debris accumulation and ensure proper water circulation.



Image: A close-up view of the wall-mounted skimmer, demonstrating its function in collecting surface debris.

General Pool Care:

- **Pool Cover:** Use the All-Season Deluxe pool cover when the pool is not in use to keep out debris, reduce evaporation, and maintain water temperature.
- **Cleaning:** Periodically brush the pool walls and vacuum the bottom to prevent algae growth and remove fine particles.
- **Ladder:** Keep the retractable ladder clean and ensure the safety latch operates smoothly.

UPGRADED ACCESSORIES INCLUDED



DELUXE POOL COVER

All-season pool cover keeps your pool pristine for year-round maintenance.



POOL TRAY

Keeps drinks, snacks, and essentials within easy reach while you relax in the water.



SOLAR-POWERED MOOD LIGHTS

Automatically illuminates your pool with ambient lighting for a relaxing evening atmosphere.

Image: The deluxe pool cover, pool tray, and solar-powered mood lights, illustrating the included accessories for enhanced pool experience and maintenance.

5. TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting, refer to the specific manuals for the pump, saltwater system, and water analyzer, or consult the INTEX Link App.

Common Issues and Solutions:

Problem	Possible Cause	Solution
Cloudy Water	Insufficient filtration, improper chemical balance, high organic load.	Check filter for clogging and backwash if necessary. Test water chemistry (pH, chlorine, alkalinity) and adjust. Run pump for longer cycles.
Algae Growth	Low chlorine levels, poor circulation, high phosphates.	Increase chlorine production via saltwater system or add shock treatment. Ensure pump is running adequately. Brush pool walls.
Pump Not Running	Power supply issue, clogged impeller, air in system, timer setting.	Check power connection and circuit breaker. Clear any blockages in the pump. Prime the pump. Verify timer settings.
Water Analyzer Not Connecting to App	Wi-Fi connectivity issues, analyzer battery low, app malfunction.	Ensure strong Wi-Fi signal. Check analyzer battery. Restart the app and analyzer. Re-pair device if necessary.

6. SPECIFICATIONS

Feature	Detail
Brand	Intex
Model Number	28843EH
Pool Shape	Round
Product Dimensions (L x W x H)	288"L x 288"W x 624"H (24 ft x 24 ft x 52 in)
Water Capacity	12,481 Gallons
Water Depth	46 inches (1.17m)
Material Type	Galvanized Steel, Polyvinyl Chloride (PVC)
Color	Dark Blue
Included Components	Filter Pump, Ground Cloth, T-Joint LED Solar Light, Pool Cover, Pool Tray, Premium Ladder, Water Analyzer, Wall Skimmer
Required Assembly	Yes
Indoor/Outdoor Usage	Outdoor

UltraLuxe

SERIES

INTEX®



24 FT

ROUND

 **12,481 gal**
WATER CAPACITY

Image: Diagram illustrating the key dimensions and water capacity of the INTEX UltraLuxe 24 ft round pool.

7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Intex website. Intex products typically come with a manufacturer's warranty covering defects in materials and workmanship.

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Intex customer support. Have your model number (28843EH) and proof of purchase ready when contacting support.

For returns or replacements within the initial period, please contact your retailer (e.g., Spreetail for a 30-day return policy).

Intex Customer Service: [Visit Intex Support Website](#)

