

Intex 28603EG

Intex 12' x 30" Metal Frame Swimming Pool with Filter Pump and Maintenance Kit User Manual

Model: 28603EG

1. INTRODUCTION

This manual provides essential information for the safe and efficient setup, operation, and maintenance of your Intex 12' x 30" Metal Frame Swimming Pool. Please read all instructions carefully before assembly and use to ensure proper function and safety.

2. SAFETY INFORMATION

WARNING: Failure to follow these instructions can result in serious injury or death.

- Always supervise children in and around the pool.
- Do not dive or jump into the pool. The water depth is not sufficient for diving.
- Ensure the pool is set up on a level surface. Uneven surfaces can cause the pool to collapse.
- Keep electrical cords and equipment away from water.
- Install appropriate barriers around the pool to prevent unsupervised access by children.
- Regularly check all components for wear and tear. Replace damaged parts immediately.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your package. If any parts are missing or damaged, do not proceed with assembly and contact customer support.

- Intex 12' x 30" Metal Frame Pool Liner
- Metal Frame Components (horizontal beams, vertical legs, corner joints)
- Intex Filter Pump (Model 28603EG)
- Type "A" Filter Cartridge
- Hoses and Clamps for Filter Pump Connection
- Intex Deluxe Pool Maintenance Kit (includes telescoping pole, vacuum head, skimmer net, wall brush)
- Instruction Manual (this document)



Figure 3.1: Complete Intex 12' x 30" Metal Frame Pool set with filter pump and maintenance kit.



Figure 4.1: The Intex Metal Frame Pool partially assembled, showing the liner and frame structure.

4.3 Filter Pump Connection

Connect the filter pump to the pool as follows:

1. Identify the two openings on the side of the pool liner for the filter pump.
2. Attach the two hoses from the filter pump to these openings using the provided clamps. Ensure all connections are tight to prevent leaks.
3. Place the filter pump on a stable, level surface at least 10 feet away from the pool.



Figure 4.2: A close-up view of the filter pump hoses connected to the pool's inlet and outlet ports.



Figure 4.3: The Intex filter pump unit, showing its main components and connections.

4.4 Filling the Pool

1. Begin filling the pool with water. As the water level rises, smooth out any wrinkles in the bottom of the liner.
2. Fill the pool to the recommended water level, typically indicated by a fill line on the liner or frame.

4.5 Setup Video Guide

For a visual guide on setting up your Intex Metal Frame Pool, please watch the official seller video below:

Video 4.1: Official Intex 12' x 30" Metal Frame Swimming Pool setup guide by Spreetail. This video demonstrates the assembly process and initial filling of the pool.

5. OPERATING INSTRUCTIONS

The filter pump is essential for keeping your pool water clean and clear.

5.1 Filter Pump Operation

1. Ensure the filter pump is properly connected to the pool and plugged into a grounded electrical outlet.
 2. Open the air release valve on top of the filter pump to allow any trapped air to escape. Close it once water begins to flow out.
 3. Turn on the filter pump. The pump should run for a minimum of 4-6 hours per day to ensure adequate water circulation and filtration. Adjust run time based on pool usage and water clarity.
-

6. MAINTENANCE

Regular maintenance is vital for extending the life of your pool and ensuring clean, safe swimming conditions.

6.1 Filter Cartridge Cleaning and Replacement

1. Turn off and unplug the filter pump before performing any maintenance.
2. Unscrew the filter housing cap and remove the Type "A" filter cartridge.
3. Rinse the cartridge thoroughly with a garden hose to remove debris.
4. Replace the cartridge every 2 weeks or sooner if the water flow is reduced or the cartridge appears heavily soiled.

6.2 Water Chemistry

Test your pool water regularly (daily or every other day) using a pool test kit. Maintain the following levels:

- **Chlorine:** 1-3 ppm (parts per million)
- **pH:** 7.4-7.6
- **Alkalinity:** 80-120 ppm

Adjust chemicals as needed according to product instructions.

6.3 Pool Cleaning

Use the included Deluxe Pool Maintenance Kit for routine cleaning:

- **Skimming:** Use the skimmer net to remove leaves, insects, and other floating debris from the water surface daily.
- **Vacuuming:** Attach the vacuum head to the telescoping pole and connect it to the filter pump's suction side (refer to pump manual for specific connection). Vacuum the pool bottom to remove settled debris.
- **Brushing:** Use the wall brush to scrub the pool walls and floor, dislodging algae and dirt for the filter to capture.

6.4 Winterization (Off-Season Storage)

When temperatures drop below 45°F (7°C), it is recommended to drain, clean, and properly store your pool to prevent damage.

1. Drain the pool completely using the drain plug.

- 2. Clean the liner thoroughly with mild soap and water.
- 3. Disassemble the frame and allow all components to dry completely.
- 4. Store the liner and frame parts in a dry, protected area, away from extreme temperatures and pests.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water is cloudy	Insufficient filtration, improper chemical balance, heavy usage	Increase pump run time, clean/replace filter cartridge, test and adjust water chemistry, use a clarifier.
Algae growth	Low chlorine, high pH, poor circulation	Shock treat with chlorine, adjust pH, brush pool walls, use algaecide.
Filter pump not running	Not plugged in, power outage, tripped GFCI, motor issue	Check power connection, reset GFCI, contact customer support if motor fails.
Reduced water flow from pump	Clogged filter cartridge, air in system, blocked intake/outlet	Clean/replace filter cartridge, open air release valve, check hoses for blockages.
Pool is leaking	Puncture in liner, loose hose connection, faulty drain plug	Locate and patch puncture, tighten all connections, ensure drain plug is secure.






8. SPECIFICATIONS

Feature	Specification
Product Dimensions	144"L x 144"W x 30"H (12' Diameter x 30" Height)
Shape	Round
Material	Polyvinyl Chloride (PVC)
Included Components	Filter Cartridge, Filter Pump, Maintenance Kit
Assembly Required	Yes
Indoor/Outdoor Usage	Outdoor
Filter Pump Flow Rate	530 gallons per hour (GPH)
Filter Type	Type "A" Cartridge Filter

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Intex website. For technical support, replacement parts, or further assistance, please contact Intex customer service directly. Keep your purchase receipt and model number handy when contacting support.

Related Documents - 28603EG

	<p>Intex Metal Frame Pool Owner's Manual</p> <p>Comprehensive owner's manual for Intex Metal Frame Pools (8'-24' models), covering safety rules, setup instructions, maintenance, troubleshooting, and warranty information.</p>
	<p>Intex Frame Pool Set Family User Manual - Models 260x160x65cm and Others</p> <p>Comprehensive user manual for Intex Frame Pool Set Family models, including setup instructions, maintenance guidelines, troubleshooting tips, and warranty information for safe and enjoyable pool use.</p>
	<p>Intex Small Rectangular Metal Frame Pool Owner's Manual</p> <p>Comprehensive owner's manual for the Intex Small Rectangular Metal Frame Pool, covering essential safety rules, step-by-step setup instructions, maintenance tips, troubleshooting common issues, and proper storage procedures.</p>
	<p>Intex Prism Frame Oval Pool 503x274x122 cm - Model 55213 Product Information & Safety</p> <p>Find essential product details and safety warnings for the Intex Prism Frame Oval Pool (Model 55213). Includes dimensions, capacity, included accessories, manufacturer contact, and important usage guidelines.</p>
	<p>Intex Prism Frame Pool Owner's Manual and Safety Guide</p> <p>Comprehensive owner's manual and safety guide for Intex Prism Frame and Greywood Prism Frame pools, covering setup, maintenance, safety rules, and troubleshooting. Includes parts lists, assembly instructions, and warranty information.</p>

[Intex 18 ft x 52 in Ultra XTR Frame Pool Set with Sand Filter Pump](#)

Overview of the Intex 18 ft x 52 in Ultra XTR Frame Round Above Ground Swimming Pool Set with Sand Filter Pump (Model 26329EH), including key specifications and a link to the official product page.