

Intex 28431E

Intex PureSpa Plus Model 28431E Portable Inflatable Hot Tub Spa User Manual

Model: 28431E

INTRODUCTION

Thank you for choosing the Intex PureSpa Plus 28431E Portable Inflatable Hot Tub Spa. This manual provides essential information for the safe and efficient setup, operation, and maintenance of your spa. Please read all instructions carefully before installation and use to ensure proper function and longevity of your product.

SAFETY INFORMATION

Important Safety Instructions: When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

- Read and follow all instructions.
- Do not permit children to use this product unless they are closely supervised at all times.
- A green colored terminal or a terminal marked G, GR, Ground, Grounding or the grounding symbol is located inside the supply terminal box. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the electric supply service panel with a continuous copper wire equivalent in size to the circuit conductors supplying this equipment.
- At least two pressure wire connectors marked "BONDING LUGS" are provided on the external surface or inside the electrical compartment. To reduce the risk of electric shock, connect the local common bonding grid in the area of the spa to these terminals with an insulated or bare copper conductor not smaller than No. 8 AWG (8.4 mm²).
- All field-installed metal components such as rails, ladders, drains, or other similar hardware within 3 meters (10 feet) of the spa shall be bonded to the equipment grounding conductor of the spa in accordance with local requirements.
- **WARNING:** To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.
- **WARNING:** The spa water temperature should never exceed 40°C (104°F). Water temperatures between 38°C (100°F) and 40°C (104°F) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes.
- **WARNING:** Pregnant women and persons with heart disease, high blood pressure, diabetes, or other health conditions should consult a physician before using a spa.

- **WARNING:** To avoid injury, exercise care when entering or exiting the spa.
- **WARNING:** Do not use a spa immediately following strenuous exercise.
- **WARNING:** Prolonged immersion in a spa may be hazardous to your health.
- **WARNING:** Do not use drugs or alcohol before or during spa use to avoid unconsciousness and possible drowning.
- **WARNING:** Always disconnect this product from the electrical supply before removing, cleaning, servicing or making any adjustment to the product.
- **WARNING:** This product is not intended for commercial use.
- **WARNING:** This product is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.

SETUP INSTRUCTIONS

Proper setup is crucial for the performance and safety of your Intex PureSpa Plus. Follow these steps carefully.

1. Site Selection and Preparation

Choose a flat, level surface free of sharp objects. Ensure the area can support the weight of the filled spa (approximately 290 gallons of water plus occupants). A ground cloth is recommended to protect the spa bottom.

2. Inflation

Unfold the spa liner and place it on the prepared ground cloth. Connect the inflation hose to the spa's air valve and the pump's inflation port. Inflate the spa until it is firm to the touch but not over-inflated. Do not use an air compressor for inflation.



Image: The Intex PureSpa Plus fully inflated and positioned on a patio, ready for water. This shows the overall appearance of the spa when correctly set up.

3. Control Unit Connection

Connect the control unit to the spa liner following the instructions in the manual. Ensure all connections are secure. Plug the control unit into a grounded electrical outlet. Do not use extension cords.



Image: A man connecting the external pump and filter unit to the Intex PureSpa Plus, demonstrating the proper attachment of the hoses for water circulation and heating.

4. Water Filling

Fill the spa with fresh water using a garden hose. Fill to the recommended water level indicated on the spa liner. Do not overfill.

5. Filter Cartridge Installation

Install the filter cartridges into the filter housing inside the spa. Ensure they are properly seated and secured.

OPERATING INSTRUCTIONS

Familiarize yourself with the control panel to operate your spa effectively.



Image: A close-up view of the Intex PureSpa Plus control panel, featuring a digital display and various buttons for controlling heating, bubbles, and filtration.

1. Power On/Off

Press the power button on the control panel to turn the spa on or off.

2. Heating System

Press the heater button to activate the heating system. Use the temperature adjustment buttons to set your desired water temperature (68-104°F / 20-40°C). The heater will automatically turn off once the set temperature is reached and restart if the temperature drops.

3. Bubble Jets

Activate the 170 high-powered bubble jets by pressing the bubble button. The bubble function provides a relaxing massage. Note that running the bubble jets may slightly decrease water temperature.

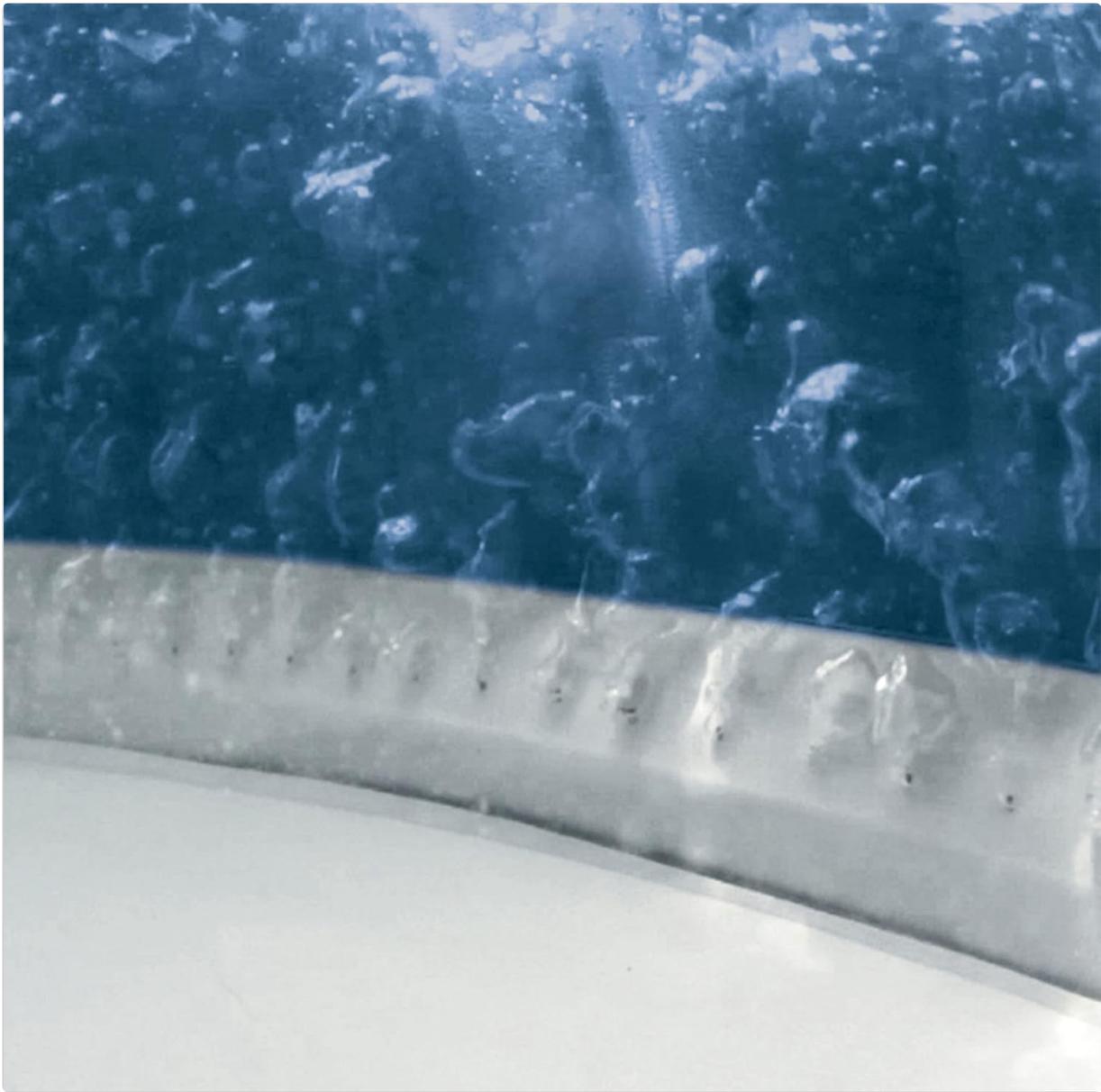


Image: A close-up view of the water surface inside the Intex PureSpa Plus, showing the active bubble jets creating a soothing massage effect.

4. LED Light Operation

The spa includes a multi-colored LED light. Refer to the control panel for specific buttons to cycle through colors or set a preferred lighting mode.



Image: Several people relaxing in the Intex PureSpa Plus at night, with the multi-colored LED light illuminating the water, enhancing the ambiance.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your spa.

1. Filter Cartridge Cleaning and Replacement

Check and clean the filter cartridges regularly, ideally after each use or every few days depending on usage. Rinse them with a garden hose. Replace cartridges every 2-4 weeks or when they remain dirty after cleaning.

2. Water Treatment

The spa is equipped with a built-in hard water treatment system. However, regular water chemistry maintenance is essential. Test the water pH and sanitizer levels (e.g., chlorine) frequently and adjust as needed using appropriate spa chemicals. Maintain pH between 7.4 and 7.6.

3. Draining and Storage

When not in use for extended periods or for seasonal storage, drain the spa completely. Clean and dry the spa thoroughly before deflating and storing it in a cool, dry place. Use the included carry bag for easy transport and storage.



Image: The Intex PureSpa Plus with its insulated cover securely fastened, indicating proper storage or heat retention when not in use.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Intex PureSpa Plus.

Problem	Possible Cause	Solution
Spa not heating	Heater not activated, low water level, dirty filter, ambient temperature too low.	Ensure heater is on. Check water level and add water if necessary. Clean or replace filter cartridge. Ensure outdoor temperature is above 50°F (10°C) for optimal heating.
Bubble jets not working	Bubble function not activated, air pump malfunction.	Press the bubble button on the control panel. Check power supply to the control unit. If issue persists, contact customer support.
Water is cloudy	Dirty filter, improper water chemistry, high bather load.	Clean or replace filter cartridge. Test and adjust water chemistry (pH, sanitizer). Shock the water if necessary. Reduce bather load.
Spa is deflating	Air valve not closed properly, puncture in liner.	Ensure air valve is securely closed. Inspect liner for punctures and repair using the provided patch kit.

SPECIFICATIONS

Detailed technical specifications for the Intex PureSpa Plus Model 28431E.

Feature	Specification
Model Name	28431E
Brand	Intex
Color	Navy Blue
Product Dimensions (Inflated)	85"L x 85"W x 28"H (Inner/Outer Diameter: 65in / 85in)
Material	Polyvinyl Chloride (PVC) with Fiber-Tech Construction
Water Capacity	290 Gallons
Seating Capacity	6 People
Number of Bubble Jets	170
Voltage	110 Volts
Water Temperature Range	68-104°F (20-40°C)
Special Features	Built-in hard water treatment system, multi-colored LED light, 2 contoured headrests, puncture-resistant three-ply laminated material.
Item Weight	110.3 Pounds
UPC	078257284313

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Intex website. If you require assistance with setup, operation, maintenance, or troubleshooting, please contact Intex customer support. Keep your purchase receipt and model number handy when contacting support.

Customer Support: For further assistance, please visit the Intex customer support portal or contact their service line as provided in your product packaging.