STANDARD MACHINERY

PRODUCT DATASHEET

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Jacuzzi WUA400-I 2.5 HP Thermoplastic Pump – Pool, Spa & General Water Transfer (230V, Corrosion-Resistant)

JACUZZI

SKU
SM-JAC-WUA400I-25HP

CATEGORY
Industrial Pumps

● In Stock

PRICE (USD)

$175.00 ~~$295.00~~

* Prices are exclusive of GST and subject to change without notice.

Chat on WhatsApp

Use WhatsApp for pricing and availability with the product details pre-filled.

- ✓ 2.5 HP, 230 V single-phase centrifugal pump
- ✓ Corrosion-resistant thermoplastic (fibre-reinforced) wet end — will not rust
- ✓ Suitable for pool, spa, salt and chlorinated water
- ✓ Also works as a general-purpose / monoblock-style transfer pump
- ✓ 3450 RPM, 12 A, thermally protected, continuous duty
- ✓ Maximum head 21 m, maximum flow 810 L/min (48.6 m^3/hr)
- ✓ 2" union connections (suction and discharge)
- ✓ Thermoplastic impeller for long life in aggressive water
- ✓ Imported, inspected and tested by Standard Machinery

Technical Specifications

Manufacturer	JACUZZI
SKU	SM-JAC-WUA400I-25HP
Model	WUA400-I
Pump Type	Thermoplastic Centrifugal (Pool/Spa/Transfer)
Motor Platform	LX 56 Frame
Wet End Material	Thermoplastic (fibre-reinforced)

Condition	Imported, Refurbished & Tested
Rated Power	2.5 HP
Voltage	220–240 V
Phase	1 Phase
Frequency	50 / 60 Hz
Current	12 A
Speed	3450 RPM
Run Capacitor	40 µF / 450 V
Insulation Class	B
Service Factor	1.0
Duty	Continuous
Maximum Head (Hmax)	21 M
Maximum Flow (Qmax)	810 LPM
Maximum Flow (Qmax)	48.6 m^3/hr
Suction Connection	2 inch union
Discharge Connection	2 inch union
Max Water Temperature	50 °C
Ambient Temperature	50 °C
Certification	ETL / Intertek, UL 1081, CSA C22.2

Product Description

The **Jacuzzi WUA400-I** is a single-speed, **2.5 HP, 230 V single-phase** centrifugal pump with a **corrosion-resistant thermoplastic (fibre-reinforced) wet end**. Originally built for spa and pool circulation on the proven LX 56-frame platform, its rust-free body and close-coupled design also make it a practical general-purpose transfer and booster pump. Imported and tested, supplied by Standard Machinery, Bhavnagar, for buyers across India and export markets.

Overview

This is a close-coupled (monoblock-style) centrifugal pump with **2" union connections** (center suction, side discharge) that fit standard 2" plumbing. The 230 V single-phase motor runs at **3450 RPM**, draws **12 A**, is thermally protected and rated for continuous duty. Because the wet end is thermoplastic rather than metal, it will not rust — making it well suited to chlorinated, salt and chemically treated water that would corrode an ordinary cast-iron pump.

Corrosion-Resistant Build

- Thermoplastic, fibre-reinforced wet end — will not rust or corrode
- Ideal for chlorinated and salt pool/spa water

- Suitable for many mildly corrosive and treated waters
- Thermoplastic impeller for long life in aggressive water

Performance

- **Maximum head:** 21 m
- **Maximum flow:** 810 L/min (48,600 LPH ≈ 48.6 m^3/hr)
- **Speed:** 3450 RPM (single speed)
- **Connections:** 2" union (suction and discharge)

⚡ Power Supply Note (India / 50 Hz)

This pump is designed for **230 V single phase, 60 Hz**. It runs on Indian 230 V single-phase supply, but as Indian supply is **50 Hz**, the pump runs about 17% slower (around 2875 RPM) with slightly lower flow and head, and the motor runs a little warmer. This is acceptable for most light and intermittent duty. For continuous heavy use, ask us for advice.

Applications

- Spa, hot tub and jacuzzi circulation
- Swimming pool circulation and filtration
- General clean / treated water transfer and booster (monoblock-style)
- Chlorinated and salt water handling
- Water features and fountains
- Corrosive-water locations where metal pumps rust

Industries Served

Hospitality (hotels, resorts, clubs), swimming pool and water-feature contractors, spa and wellness centres, water parks, and general water handling where corrosion resistance matters.

Chemical Handling

The thermoplastic wet end resists corrosion and handles chlorinated and salt water well. For other chemicals, suitability depends on the seal and O-ring materials — please confirm your specific liquid with us before use. **This pump is not explosion-proof and must not be used for flammable or combustible liquids such as fuels, oils or solvents.**

Why Buy This Pump

- Rust-free thermoplastic body — longer life in salt and chlorinated water
- Standard 2" union connections — easy to fit on existing plumbing
- 230 V single phase — runs on normal single-phase supply
- Close-coupled design works as a pool/spa or general transfer pump
- Imported, inspected and tested by Standard Machinery

Safety & Installation

- Install with proper earthing and an ELCB / RCD — essential wherever water and electricity meet.
- Indoor-rated motor: protect it from rain and direct weather.
- Never run the pump dry — always prime before starting.

Maintenance Tips

- Keep the strainer and suction line clear to protect the impeller and seal.
- Check the mechanical seal for drips; a leaking seal lets water into the motor.
- If the motor hums but will not start, check the run capacitor (40 µF / 450 V).
- Keep the motor dry and well ventilated to avoid overheating.

Frequently Asked Questions

What can the WUA400-I pump be used for?

Spa, hot tub and pool circulation, plus general clean or treated water transfer. Its rust-free thermoplastic body suits chlorinated and salt water.

Will it run on Indian power supply?

Yes. It uses 230 V single phase, standard in India. As it is designed for 60 Hz, it runs slightly slower on 50 Hz with marginally lower flow and head.

Can it handle chemicals or salt water?

It handles chlorinated and salt water well. For other chemicals, confirm seal and O-ring compatibility with us first. It must not be used for oils, fuels or other flammable liquids.

What size are the connections?

2" union connections on both suction and discharge (union outer diameter about 3").

Is it single phase or three phase?

Single phase, 230 V, drawing 12 A — size wiring and protection accordingly.

Do you supply across India and for export?

Yes. Standard Machinery supplies pan-India and to export markets including Africa, the Middle East and Southeast Asia.

Need this pump, or a spare wet end / motor? Contact Standard Machinery for price and availability.

Compatibility

- **Power supply:** 230 V single phase (designed 60 Hz; runs on Indian 50 Hz at slightly reduced speed/flow).
- **Current:** 12 A — size wiring, MCB and protection accordingly.
- **Protection:** ELCB / RCD and proper earthing required.
- **Connections:** 2" union, suction and discharge — fits standard 2" plumbing.
- **Run capacitor:** 40 µF / 450 V.
- **Liquids:** clean, treated, chlorinated or salt water. Confirm compatibility for other chemicals. Not for flammable liquids, oils or fuels.
- **Installation:** indoor-rated; protect motor from weather. Do not run dry.
- **Replaces OEM wet ends:** 6500-352, 6500-363, 6500-365.

Standard Machinery

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