

Enameled Water Heater Tank with Single Weld Line

This water heater tank is made with SPCC plates and formed with a single weld line. It features a wet enamel coating.



Product Overview

Engineered for Durability

This enameled water heater tank is engineered with exclusive single weld line technology, significantly reducing the number of weld joints to minimize leakage risks. Constructed from thickened SPCC plates, these tanks are built to withstand high-pressure working conditions, making them ideal for high-rise applications. The advanced wet enamel coating and double-firing process ensure superior longevity and corrosion resistance compared to standard industry tanks.

Technical Specifications

SPCC Plate Thickness

- 1.8mm
- 2.0mm
- 2.5mm

Capacity Range

3 to 150 Liters

Enamel Coating Thickness

0.38 - 0.5 mm

Manufacturing Process



Technical comparison demonstrating how the single weld line design reduces jointing and leakage risk.

Weld Technology

Single Weld Line • Patented Technology

Coating Process

Wet Enamel Coating (Double Firing)

Performance Metrics

Leakage Risk Reduction

67 %

Leakage Risk Reduction

Weld Efficiency Comparison

Metric	Single Weld Line Advantage
Weld Jointing	1/2 of standard
Weld Line Number	1/3 of standard
Weld Length	1/4 of standard