

Cost & ROI Impact

Upgrade Cost Comparison & Profit Improvement Analysis

Upgrading an existing RO plant to an alkaline water system using K2 / Krispy Plus post-treatment technology offers a high-return, low-risk investment compared to installing a new plant.

1. Upgrade Cost (RO to Alkaline)

RO Capacity	Approx. Upgrade Cost
100 LPH	■60,000 – ■1.2 Lakhs
250 LPH	■1.2 – ■2 Lakhs
500 LPH	■2 – ■3.5 Lakhs
1,000 LPH	■3.5 – ■6 Lakhs
2,000 LPH	■6 – ■10 Lakhs

2. New Plant Installation Cost (Comparison)

RO Capacity	Approx. New Plant Cost
100 LPH	■2.5 – ■3.8 Lakhs
250 LPH	■4.5 – ■6.5 Lakhs
500 LPH	■7.5 – ■10 Lakhs
1,000 LPH	■12 – ■18 Lakhs
2,000 LPH	■22 – ■30 Lakhs

Upgrade saves approximately 60–80% capital cost compared to new plant installation.

3. Revenue & Pricing Impact

- 1 Normal RO water price: ■0.40 – ■0.70 per litre
- 2 Alkaline water price: ■1.20 – ■2.50 per litre
- 3 Revenue increases by 2x to 4x per litre

4. Typical ROI & Payback Period

- 1 Small commercial unit: 2 – 4 months
- 2 Bottling / bulk supply unit: 1 – 3 months
- 3 Franchise / distribution unit: Less than 90 days

Important Note: Actual ROI depends on market pricing, utilization, distribution reach, and operating discipline. Final projections should be validated after site evaluation.