



HYATT CENTRIC DEHRADUN

**HYATT
CENTRIC™**
RAJPUR ROAD
DEHRADUN

FAUCET FLOW OPTIMIZATION

Jalsenx conducted an on-site flow assessment and implemented water-saving solutions to significantly reduce water consumption without compromising user experience.

**140**

UNITS SUPPLIED

4 LPM Foam Faucet Aerators

**55%**

WATER FLOW REDUCTION

Measured on Faucet Flow

**₹1,21,410**

ANNUAL SAVINGS

Estimated Cost Savings

**1 MONTH**

ESTIMATED PAYBACK

MEASURED RESULTS (FAUCET FLOW)

ESTIMATED ANNUAL SAVINGS

BEFORE
10.8
LPM

Existing Flow Rate

**AFTER**
4.2
LPM

With Jalsenx 4 LPM Aerator



WATER FLOW REDUCTION

55%

Reduction in Water Flow

WATER SAVED
6,745 KL/YEAR
ANNUAL COST SAVINGS
₹1,21,410

PAYBACK PERIOD

1 MONTH

Savings calculation is based on 140 aerators, 20 minutes/day usage per fixture and water cost of ₹18 per KL.

IMPLEMENTATION DETAILS

FROM ASSESSMENT TO IMPLEMENTATION

SAVINGS CALCULATION (140 AERATORS)

PRODUCT INSTALLED

4 LPM Foam Faucet Aerator

UNITS INSTALLED

140 Pieces

MEASURED BEFORE FLOW

10.8 LPM

MEASURED AFTER FLOW

4.2 LPM

FLOW REDUCTION

55%

1. ON - SITE ASSESSMENT

Existing faucet flow was measured at 10.8 LPM.

2. SOLUTION EVALUATION

Multiple Jalsenx Flow-control solutions were evaluated

3. RECOMMENDED SOLUTION

The 4 LPM Foam Faucet Aerator Was Selected based on flow performance

4. SUPPLY

140 units were supplied to the property

RESULT

The 4 LPM Foam Aerator reduced faucet flow from 10.8 LPM to 4.2 LPM(55% water savings), while maintaining the desired user experience.

Flow Reduction per Aerator
= 10.8 - 4.2 = 6.6 LPM

Daily Water Saved per Aerator
= 6.6 × 20 = 132 L/day

Daily Water Saved (140 Aerators)
= 132 × 140 = 18,480 L/day

Annual Water Saved
= 18,480 × 365 / 1000 = 6,745 KL/year

Annual Cost Savings
= 3,628 × ₹18 = ₹1,21,410

ASSESSMENT SUMMARY (MULTIPLE SOLUTIONS EVALUATED)

Jalsenx evaluated multiple flow-control solutions during the assessment. Based on flow performance, property selected the 4 LPM Foam Aerator

4 LPM FOAM AERATOR

Before: 10.8 LPM
After: 4.2 LPM

55% SAVINGS

3 LPM SPRAY AERATOR

Before: 10.8 LPM
After: 3.6 LPM

63% SAVINGS

7 LPM FLOW REGULATOR

Before: 13.8 LPM
After: 8.4 LPM

38% SAVINGS

Note: Based on demonstration & assessment. The property selected 4 LPM Foam Aerator for implementation.



ABOUT JALSENX

Jalsenx provides high-performance, retrofit water-saving aerators and flow regulators for hotels, hospitals, commercial buildings and institutions across India.

WANT SIMILAR SAVINGS AT YOUR PROPERTY?

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