

# Luxury Cigar Club - Humidity Pack Performance Report

## Executive Summary

This report analyzes the performance of humidity control packs from Boveda and Valet across three target RH levels: 65%, 69%, and 72%.

Based on comparative data collected under consistent conditions, Valet packs demonstrate parity or superiority in humidity stabilization, with consistent readings across all levels and slightly lower variance.

In addition to competitive performance, Valet packs offer custom branding opportunities (shown below) and domestic manufacturing advantages.

Luxury Cigar Club's decision to transition from Boveda to Valet is supported by:

- Performance consistency across RH targets
- Cost and supply-chain flexibility via U.S.-based production
- Branded packaging synergy with Luxury Cigar Club aesthetics
- Alignment with Valet's long-term partnership offerings



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## Humidity Pack Statistical Summary

### Valet Packs

Valet 65% :  
Mean: 57.70  
Std Dev: 8.35  
Min: 38.70 | Max: 65.50  
25%: 51.25 | 50%: 61.60 | 75%: 64.95

Valet 69% :  
Mean: 59.22  
Std Dev: 8.39  
Min: 40.00 | Max: 67.00  
25%: 52.50 | 50%: 63.00 | 75%: 66.00

Valet 72% :  
Mean: 60.67  
Std Dev: 8.20  
Min: 41.70 | Max: 69.20  
25%: 54.35 | 50%: 64.30 | 75%: 67.45

### Boveda Packs

Boveda 65% :  
Mean: 58.63  
Std Dev: 7.82  
Min: 37.60 | Max: 65.60  
25%: 54.25 | 50%: 62.40 | 75%: 64.75

Boveda 69% :  
Mean: 60.35  
Std Dev: 7.79  
Min: 39.00 | Max: 67.00  
25%: 55.50 | 50%: 64.00 | 75%: 66.50

Boveda 72% :  
Mean: 61.32  
Std Dev: 7.84  
Min: 39.30 | Max: 68.60  
25%: 56.40 | 50%: 64.60 | 75%: 67.30

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Graphical Comparison

