



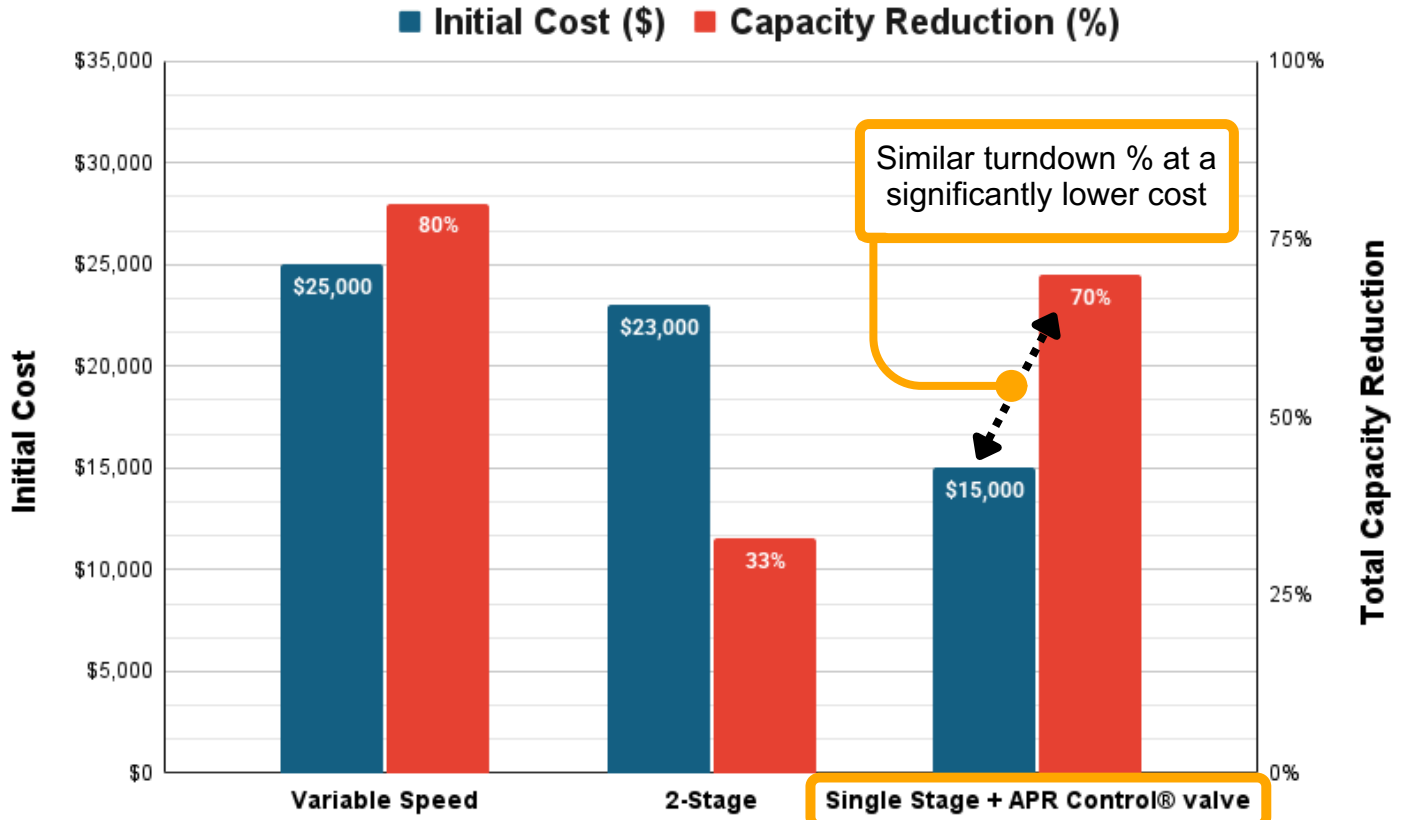
APR CONTROL[®] Valve

Smarter HVAC Upgrades

Balancing Budgets and Performance with the Right Technology.

Cost vs. Capacity Control: A Clear Winner

This comparison of 5-ton R-454B heat pump options reveals a stark difference in value. The goal is to find the lowest initial cost (**blue bars**) with the highest total capacity reduction (**red bars**) in the graphic below.



Analysis shows the **Single Stage unit with an APR Control[®] valve** delivers performance rivaling expensive variable speed units for a fraction of the cost.

APR Control Upfront Savings
vs. Variable Speed

\$10,000

Achieve premium performance without the premium price tag.

Capacity Reduction
w/ APR Control[®] valve

70%

Excellent humidity control and energy savings by matching load precisely.

Single Stage System
w/ APR Control[®] valve

Best Value

Upgrade existing equipment simply and affordably.

In-Depth System Breakdown

Blown past your budget? Consider the APR Control.

Feature	Variable Speed	2-Stage System	Single Stage + APR Control® valve
Initial Cost*	\$25,000	\$23,000	\$15,000
Capacity Reduction	80%	33%	70%
System Complexity	High	Moderate	Low (Simple Upgrade)
Key Benefit	Highest Turndown %	Two Fixed Stages	Near-Variable Performance at Lowest Cost

*Based on budget/list price on 5 Ton R-454B Heat Pumps (condensing unit only) from Major Equipment Manufacturer website.

Please note: Labor costs are excluded from the initial cost of the new unit installation, but they are factored into the installation cost of the APR Control.

The APR Control® valve is a simple, add-on device for any direct expansion air-conditioning system allowing the system capacity to match the load inside the space for effective and efficient cooling and dehumidification.

Ready to Make the Smart Choice?

The APR Control® valve from Rawal Devices is the clear solution for facilities seeking to maximize performance and minimize capital expense.

[Learn More at Rawal.com](https://www.rawal.com)



Contact Us:

Phone: (800) 727- 6447

Email: Sales@rawal.com