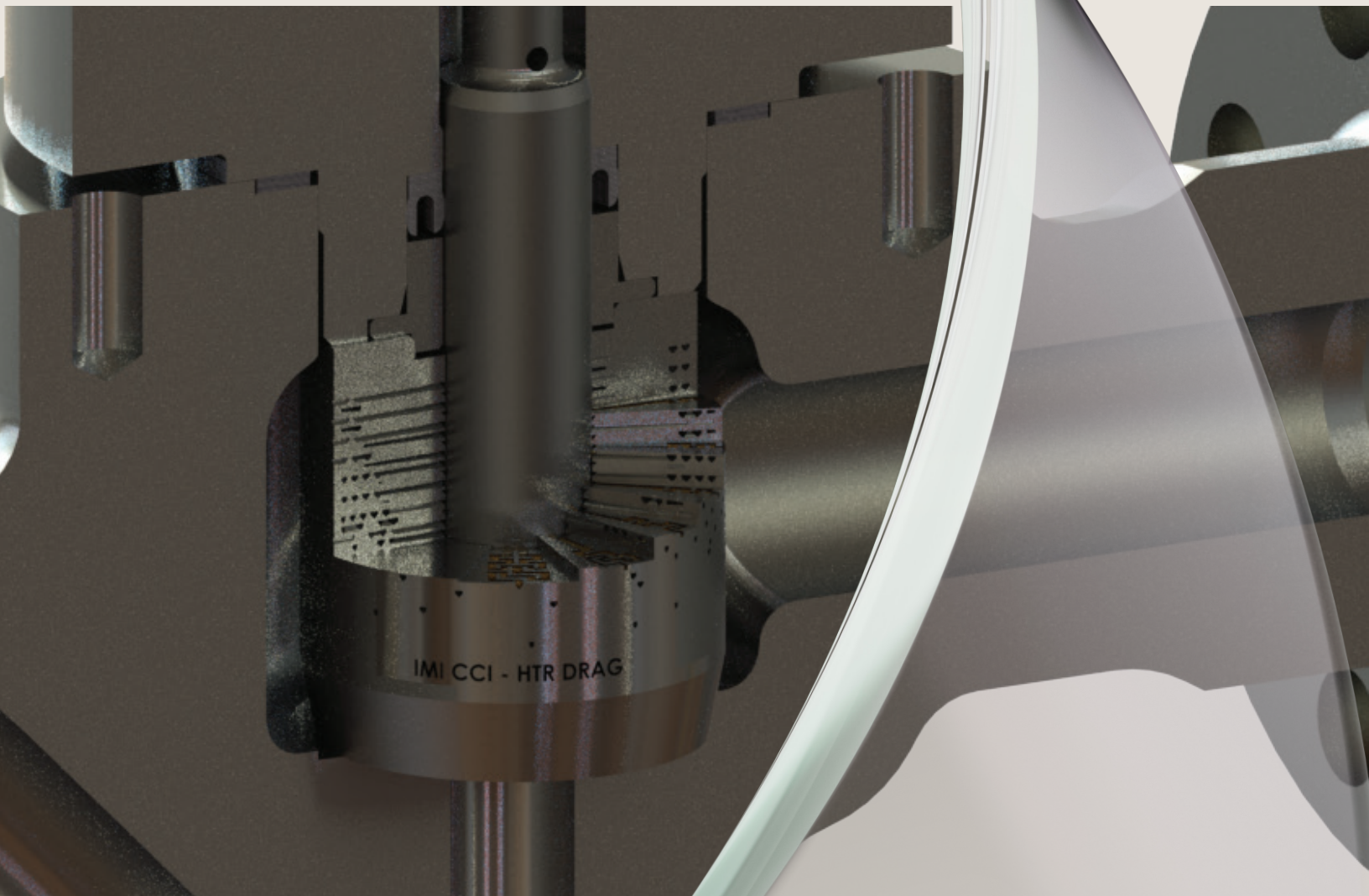




Process Automation

IMI CCI
HTR DRAG® Trim



Breakthrough
engineering for a
better world

HTR DRAG® Trim

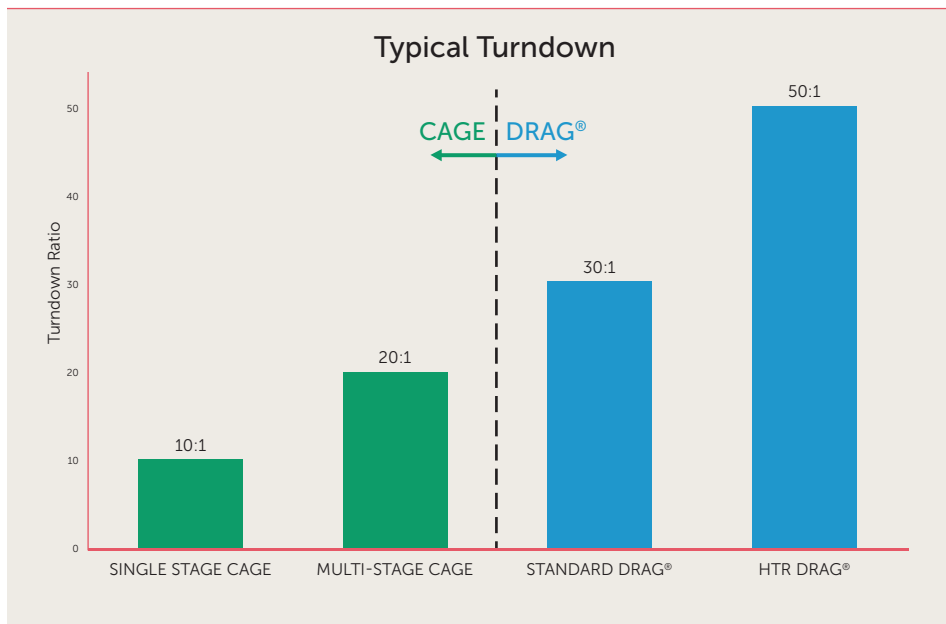
The founder of multi-stage disk stack technology

The **High Turndown Ratio (HTR)** trim is the next evolution in DRAG® technology. This technology can drastically reduce the amount of valve cycling and increase the accuracy of the temperature control, resulting in an improvement of plant heat rate, efficiency, and overall reliability.

- Precise control = dramatically improved plant efficiency
- Ultra-high turndown = faster plant start-ups
- Multi-stage velocity control = extended valve trim life
- Direct replacement for existing 100DSV and DA90-DSV DRAG® disk stacks

Turndown capability

The precision of the design and manufacturing of HTR DRAG® allows for tight control of flow passages, significantly increasing the turndown capability and improving overall process control.



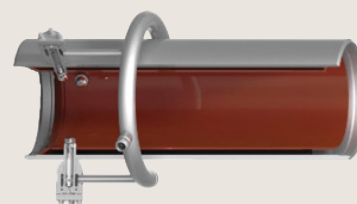
IMI CCI's DA-90DSV Attenuator



IMI CCI's 100DSV DRAG® Valve for severe service spraywater applications

Product specification

Trim size	Stroke	Material	Valve models	Flow direction
0.375"	1.5"	Inconel® 718	100DSV DA-90DSV	Over-the-plug
0.625"				
1.000"				
1.500"	2.5"			

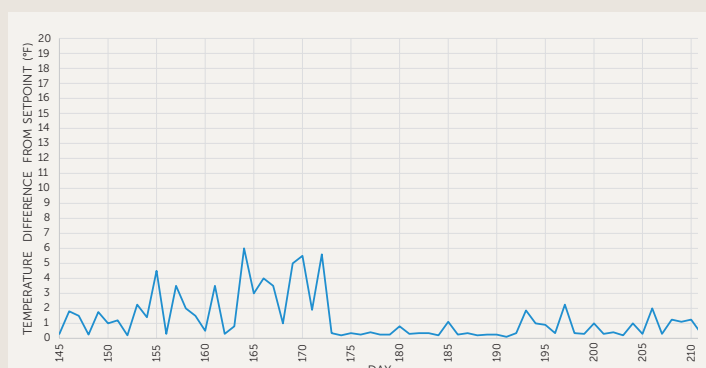
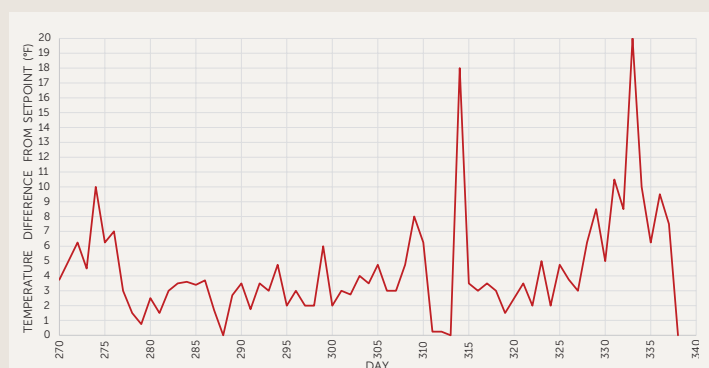


IMI CCI's DAM-B Desuperheater

Temperature control

When compared to competitor multi-stage cage designs, HTR DRAG® provides more precise control of temperature at low valve lifts without sacrificing high valve lift performance.

HTR DRAG® offers a measurable improvement in temperature control against system setpoints. The figures below show the temperature difference from the system setpoint at a U.S. combined cycle power plant. These figures show the performance data before and after the installation of the HTR DRAG® trim.



Process Automation

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