Consolidated

a Baker Hughes business

Enhance Pilot Valve Reliability in Demanding Applications with the Consolidated Dome Assist Module

Efficiency Increase

Up to 2X

Operational uptime per valve[1][2]

Material Upgrade Savings

30%

Per valve[1]

Product Loss Reduction

$15K

Per valve[1][2]

[1] Savings vary by application, valve size, and selected valve options.

[2] Per year basis.

Contact your local **Green Tag™** Center today.

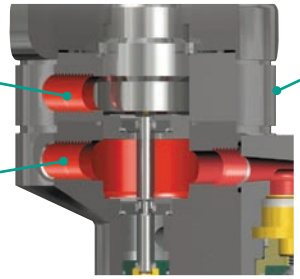
valves.bakerhughes.com

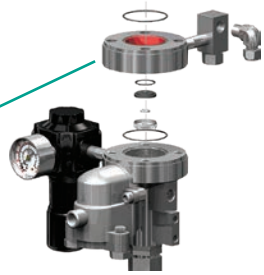
Certain operating conditions, such as dirty or corrosive applications and high cycling requirements may pose challenges for standard pilot valves, impacting performance and longevity.

Baker Hughes presents a specialized solution to address the limitations of standard pilot valves in challenging operating conditions with the **Consolidated™** Dome Assist bolt-on module. This unique option offers an additional pressure port to isolate the process media.

Process Media Port: The main sensing line is tubed here. Process pressure controls the set pressure and blowdown.

Alternative Media Port: Clean media is tubed here. Alternative pressure loads the main valve dome.





Retrofittable Dome Assist Module

Application Challenges and Benefits		Dome Assist	
Application	**Challenge**	**Feature**	**Benefit**
Dirty Service Polymerization Heavy Viscous Fluid	Risk of blockage from molecule buildup in pilot	Clean media isolates pilot internals and main valve dome	Prevents pilot clogging to facilitate reliable pilot valve operation
Corrosive Service	Material compatibility for pilot internals		Protects pilot internals, cutting material upgrade costs and prolonging product life
Low Operating Pressures High Ramp Rates	Main valve seat leakage	Supplemental dome load	Ensures maximum seat tightness, reducing product loss

Take advantage of advanced pilot technology in challenging applications with the Consolidated Dome Assist module!

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Baker Hughes