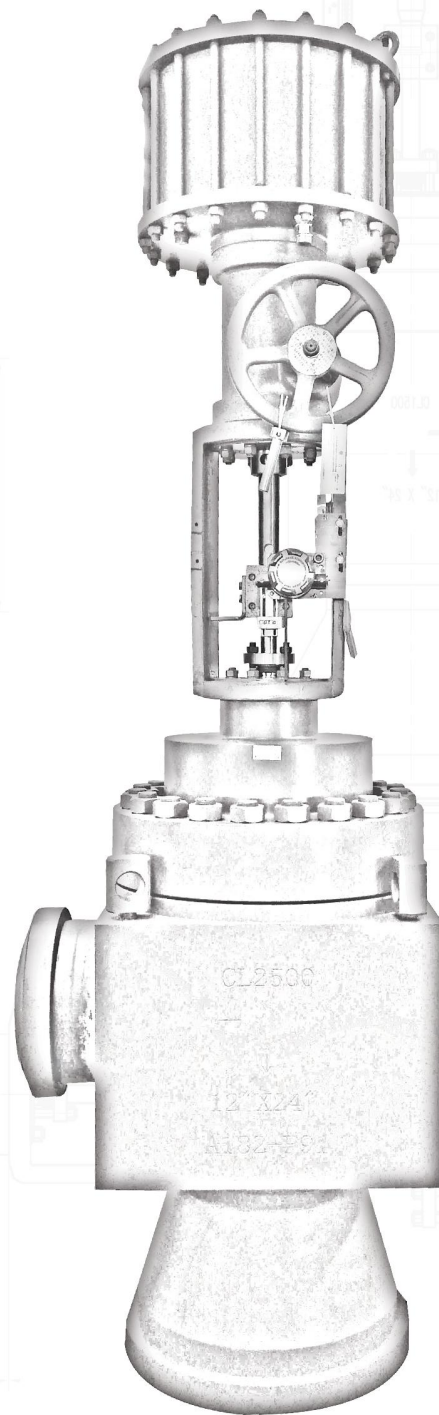
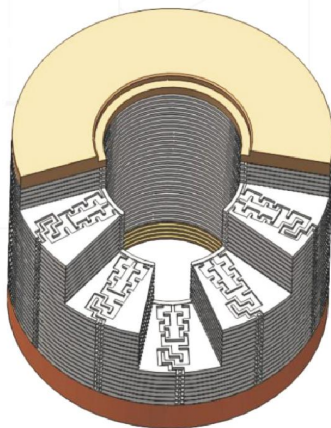


# WZIFLOW CONTROL



## SERIES ATM MULTISTAGE CONTROL VALVE

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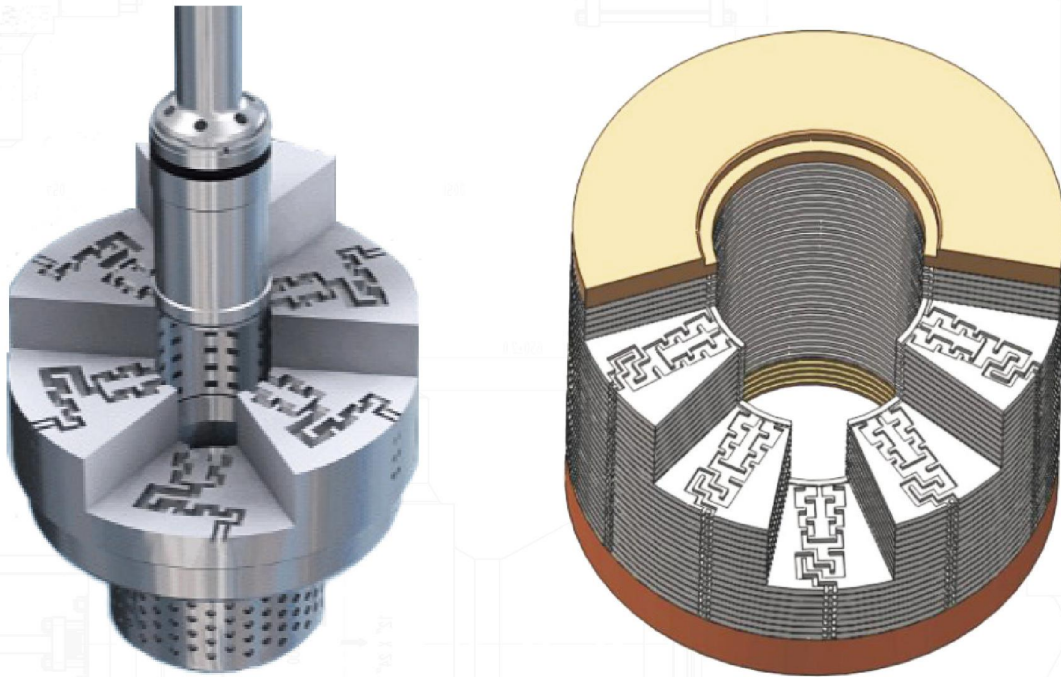
## SERIES ATM FEATURES

- **Multi-path** and **Multistage** Control Valve
- For Control of **Cavitation, Erosion, Vibration, and High Noise**
- Designed for Tackling **High Pressure Drop** in Clean Liquids, Gases, or Steam
- Special Designs for **Dirty Service** with Liquids containing Solids
- **Custom Solutions** for Challenging Applications
- **Labyrinth Disk Stack** with **Multiple Stages** of Pressure Reduction
- Linear, Equal Percentage or **Custom Characteristics**
- **Variety** of Angle or Globe Style Body Configurations
- **Tight Shutoff** to MSS-SP-61, ANSI/FCI 70.2 Class IV or V
- Certification to **NACE MR0103** or **MR0175** is available

## SERIES ATM PRODUCT RANGE

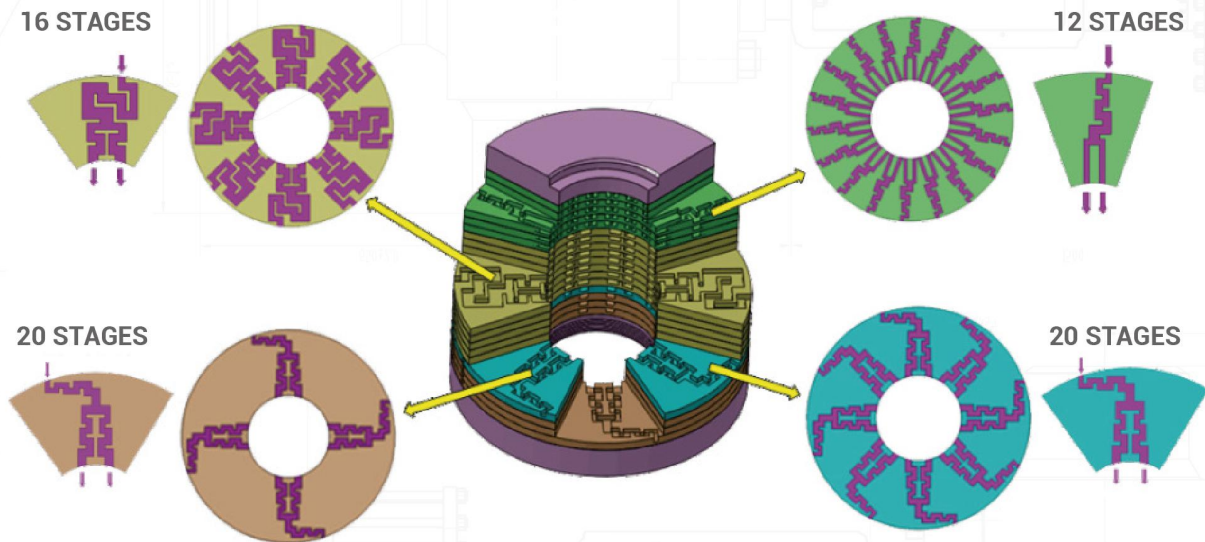
Model	ATM
Description	Multipath and Multistage Control Valve
Trim	400 Series SS/Heat Treated;316/316 HF,Chrome-Moly HF Hardfaced;INCONEL 718
Size Range	1"-24" (DN25-DN600)
Body Ratings	Class 150-2500
Cv Value	Design Per Specification
Temperature Range	-50°F-1050°F(-46°C-566°C)
Flow Characteristics	To Suit Application
Shutoff Class	MSS-SP-61, ANSI/FCI 70.2 Class IV or V
Body/Bonnet Materials	WCB, WC6, A105, F11, WC9, F22, P91 F304/F316/CF8/CF8M
Packing	PTFE V-Ring, PTFE V-Ring Double, PTFE Filled, Grafoil®/Graphite
End Connections	RF, RTJ, BW, SW
Actuator	Spring Diaphragm, Linear Piston, Electric

# ATM TRIM DESCRIPTION



## Trim Description And Design Options

- Up to 24 stage pressure reduction stages designed for each specific application and operating condition
- May be provided with variable number of stages including combined with integrated ported cage for high Cv rangeability for replacing 2 valves with a single valve
- Controlled energy reduction through the application of multiple stages
- Tortuous path creates frictional flow losses and reduces the trim outlet discharge energy and resultant damage, noise, and vibration
- The multistage anti-cavitation design will also mitigate the impact on the valve due to flashing service
- The Trim can be designed with large flow passage trim for dirty services such as crude oil or refinery services
- Pressure balanced, unbalanced, and pressurized seat designs are offered





## WHO WE ARE

WZI Flow Control, Ltd., a subsidiary of WuZhong Instrument Company, Ltd., began business in 1959. As China's largest control valve manufacturer, WZI has a state of the art 2.8M ft<sup>2</sup> production, foundry and corporate office campus. With over 1000 employees, WZI is expanding globally with increased manufacturing, sales and service capabilities to better serve our rapidly growing global customer base.

As a member of the highly acclaimed China Automation Group ([www.cag.com.hk](http://www.cag.com.hk)), WZI has successfully supplied over 1 million valves for the global market. With our 100% Testing and Serialization Program, WZI prides itself on our high quality, competitively priced products with superior delivery from our new sales and service center located in Houston, Texas. Our Southern California office designs new products and makes continuous improvements to our broad existing product offering.

## LET'S WORK TOGETHER

### Contact US

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## WE'RE QUALIFIED

As a global manufacturing company, WZI Flow Control verifies that we are operating in full compliance with this partial list of industry standards. Our compliance includes additional standards not shown here. Please contact the factory for additional details.

> ISO 9001  
> ISO 14001  
> OHSAS 18001

> API Spec Q1  
> API 6A  
> API 6D

> API 6DSS  
> API 17D  
> API 609 Cat B

> API 607, 7<sup>th</sup> Edition  
> API 6FA, 3<sup>rd</sup> Edition  
> SIL-capable

# QUALITY TRUST INTEGRITY

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