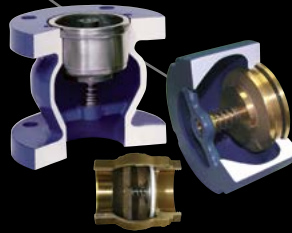


VAL-MATIC®

QUALITY VALVES
FOR MUNICIPAL
AND INDUSTRIAL
APPLICATIONS

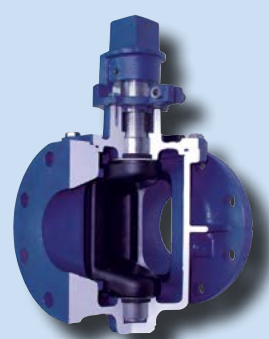
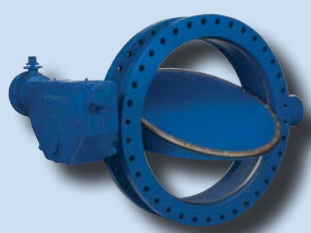


QUARTER-TURN VALVES

APPLICATIONS

Ener•G® Ball Valve
 American-BFV® Butterfly Valve
 Cam-Centric® Plug Valve
 QuadroSphere® Ball Valve

MUNICIPAL and INDUSTRIAL APPLICATIONS				
Abrasive Slurries, Mining, Bottom Ash			X	X
Air Service	X	X	X	X
Buried/Vault Service	X	X	X	X
Chemical				X
Compressor Stations				X
Cooling Water	X	X	X	X
Corrosive Service	X	X	X	X
Cryogenic				X
Geothermal				X
Glycol			X	X
High Pressure (Above ASME Class 250)				X
High Temperature (Above 250°F)		X		X
Industrial Process - Water, Wastewater	X	X	X	X
Irrigation	X	X	X	
Low Pressure Gas Service	X	X	X	X
Oil & Gas, Fracking, Off Shore Platforms				X
Ozone Treatment	X	X	X	X
Pig Launching and Receiving	X			X
Potable Water	X	X	X	X
Primary Effluent	X	X	X	X
Pulp/Paper			X	X
Pulp/Paper - White Green and Black Liquors				X
Pump Control	X		X	
Raw Sewage	X		X	X
Raw Water	X	X	X	X
Refining				X
Salt Water, Sea Water, Brine	X	X	X	X
Screened Sewage	X		X	X
Secondary Wastewater Effluent	X	X	X	X
Sludge	X		X	X
Throttling Service	X	X	X	X

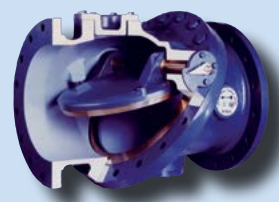
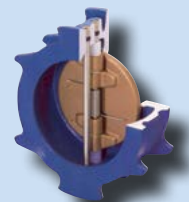
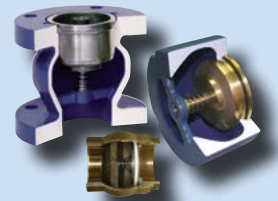


CHECK VALVES

APPLICATIONS

Swing-Flex® Check Valve
 Surgebuster® Check Valve
 Silent Check Valve
 Dual Disc® Check Valve
 Tilted Disc® Check Valve
 Swing Check Valve
 Oil Cushion Valve
 Sure Seal Swing Check Valve

MUNICIPAL and INDUSTRIAL APPLICATIONS								
Abrasive Slurries, Mining, Bottom Ash	x	x				x	x	
Air Service				x				
Cooling Water	x	x	x	x	x	x	x	x
Corrosive Service	x	x	x	x	x	x	x	x
Fire Pumps (FM Approved, UL Listed)			x	x				
Fracking, Dewatering	x	x	x	x		x		
High Pressure (Above ASME Class 125)	x	x	x	x	x	x	x	x
High Temperature (Above 250° F)			x	x	x	x	x	
Industrial Process - Water, Wastewater	x	x	x	x	x	x	x	x
Irrigation	x	x	x	x	x	x	x	x
Low Pressure Gas Service	x			x				
Mining	x	x			x	x	x	
Oil & Gas			x	x				
Ozone Treatment	x	x	x			x	x	
Potable Water	x	x	x	x	x	x	x	x
Primary Effluent	x	x				x	x	
Pulp/Paper	x	x			x	x	x	
Raw and Screened Sewage	x	x				x	x	
Raw Water	x	x		x	x	x	x	x
Salt Water, Sea Water, Brine	x	x	x	x	x	x	x	x
Secondary Wastewater Effluent	x	x	x	x	x	x	x	x
Sludge	x	x				x	x	
Surge Mitigation		x	x		x	x	x	
Vertical Flow Down			x					
Vertical Flow Up	x	x	x	x	x	x	x	x



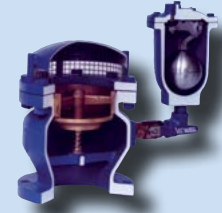
AIR VALVES (AIR VENT VALVES)

APPLICATIONS & FUNCTIONS

	Air Release Valve	Air/Vacuum Valve	Combination Air Valve	Surge-Suppression Air Valve	Vacuum Breaker Priming Valve	Vacuum Breaker Valve	Wastewater Air Release Valve	Wastewater Air/Vacuum Valve	Well Service Combination Air Valve
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APPLICATIONS									
Booster Pump Station	x		x	x					
Centrifugal Pump Volute	x					x	x		x
Filter Backwash Piping	x		x	x	x		x		
Fire Pumps (FM Approved, UL Listed)	x								x
Force Main				x	x		x	x	x
High Points	x	x	x	x	x		x	x	x
Hydropneumatic Tanks	x								
Industrial Process Water	x	x	x	x	x		x	x	x
Lift Station						x	x	x	x
Municipal Wastewater Collection							x	x	x
Penstock					x				
Pressure Filters	x		x	x	x				
Pulp/Paper	x	x	x	x	x		x	x	x
Pump Station High Points	x	x	x	x	x				
Slurries, Mining, Bottom Ash	x	x	x	x	x		x	x	x
Storage Tank Valves			x	x	x				
Turbine Well Pump Discharge									x
Venturi Meters	x		x				x		x
Water Distribution and Transmission	x	x	x	x	x				

FUNCTIONS										
Admitting Large Volumes of Air During Shut Down and Draining Operations (Power Failure)		x	x	x	x			x	x	x
Air Bound Pump Protection	x					x				
Air Related Head Loss Protection (Efficiency)	x		x	x			x		x	
Air Related Surge Protection		x	x	x	x		x	x	x	x
Column Separation		x	x	x	x			x	x	x
Control Air Valve Exhaust				x						x
Maintain Pipeline Efficiency	x		x	x			x		x	x
Maintain Pump Prime						x				
Regulated-Exhaust of Large Volumes of Air During Start-Up and Filling Operations				x						x
Vacuum Protection (Pipe Joints, Gaskets, Packing, Etc.)		x	x	x	x			x	x	x
Venting of Accumulated Air During System Operation	x		x	x		x	x		x	



TECHNOLOGY

Moving Forward

Respected worldwide for quality products, Val-Matic utilizes the latest technology coupled with close attention to industry requirements. The application of the latest product innovations while maintaining the highest quality products requires the seamless incorporation of advanced technologies in every step of design and manufacturing.

From conceptual design through delivery, Val-Matic uses the latest technologies to optimize product performance and ensure the highest quality products are delivered to our customers. Computational Fluid Dynamics (CFD) is used to model product performance which is then validated through flow testing to confirm the hydraulic design and torque characteristics. Solid Modeling and Finite Element Analysis (FEA) are performed to analyze key structural components and then validated with proof-of-design testing. Raw materials are analyzed using an X-Ray Fluorescence (XRF) scanner to provide Positive Material Identification (PMI). Cast and machined parts are qualified with a Coordinate Measuring Machine (CMM) capable of precise measurement of complex parts. The results of CMM measurements can then be presented in a 3-D model for use in further CFD or FEA analysis.

Val-Matic is constantly introducing new technologies and product designs that provide long life and ease of maintenance in response to the changing needs of our customers and the industry.



COORDINATE MEASURING MACHINE



ROBOTIC WELDING STATION



X-RAY FLUORESCENCE SCANNER

Commitment to

QUALITY



DUAL HYDRAULIC TEST STAND



CNC MACHINING CENTER

Val-Matic is an employee-owned ISO 9001 certified company with products certified to applicable regulations and standards including NSF/ANSI 61 for drinking water and 372 Lead-Free; UL and FM for fire protection applications; and ASME, NACE, MSS, and API for other industries.

An experienced engineering staff takes a leading role in standard development organizations to keep published product standards current with industry innovations and user needs. Val-Matic engineers are leaders in the development of valve application software to assist users in selecting the right equipment for their fluid system.

Val-Matic's quality of design and meticulous workmanship have set the standard by which all others are measured. Val-Matic is totally committed to providing the highest quality products and services to its customers.



VAL-MATIC®