

Air Valves

Air Release Valve
 Air/Vacuum Valve
 Combination Air Valve
 Surge-Suppression Air Valve
 Vacuum Breaker Valve
 Well Service Air Valve
 Wastewater Air Release Valve
 Wastewater Air/Vacuum Valve
 Vacuum Combination Valve
 Vacuum Priming Valve

PIPELINE APPLICATIONS										
Water distribution and transmission	X	X	X	X	X					
Municipal wastewater collection							X	X	X	
Force Main				X	X		X	X	X	
PUMP APPLICATIONS										
Centrifugal pump volute	X						X		X	X
Lift station							X	X	X	X
Pump station high points	X		X	X						
Turbine well pump discharge						X				
Booster pump station	X		X	X						
Fire pumps (FM Approved, UL Listed)	X					X				
WATER/WASTEWATER TREATMENT PLANT APPLICATIONS										
High Points	X		X	X			X		X	
Filter backwash piping	X		X	X			X			
Pressure filters	X		X	X						
Venturi meters	X									
TANK APPLICATIONS										
Storage tank valves			X	X						
Hydropneumatic tanks	X									
FUNCTION										
Venting of accumulated air during system operation	X		X	X			X		X	X
Admitting large volumes of air during shut down and draining operations (Power failure)		X	X	X	X	X		X	X	
Vacuum protection (pipe joints, gaskets, packing, etc.)		X	X	X	X	X		X	X	
Regulated-Exhaust of large volumes of air during start-up and filling operations				X		X				
PURPOSE										
Maintain pipeline efficiency	X		X	X			X		X	
Provide protection from pipeline collapse due to vacuum		X	X	X	X			X	X	
Air related surge protection		X	X	X	X	X	X	X	X	
Air related head loss protection (efficiency)	X		X	X			X		X	
Column separation vacuum protection				X	X	X		X	X	
Air bound pump protection	X									X
Extend air valve life				X						
Maintain pump prime										X
Reduce Air/Vacuum valve size requirement				X						
FEATURES										
Conforms to AWWA standard	X	X	X	X		X				X
Certified to NSF/ANSI 61	X	X	X	X	X	X				
Adjustable seating	X		X	X			X		X	X
Full flow area equal to nominal valve size		X	X	X	X	X		X	X	
Inlets and Outlets equal to or greater than the nominal valve size		X	X	X	X	X		X	X	
Single and dual body designs			X	X					X	
Bell bottom body (anti-clog)							X	X	X	
Regulated-Exhaust Device (Slow-Closing Device)				X		X				