



# AIR VALVES

## Waterworks Applications

### Series 33A

#### Combination Air Release & Vacuum Breaker Valve



Threaded



Flanged

- Epoxy Coated Ductile Iron Body
- Automatically eliminates entrapped air pockets and provides VAC protection
- Easily Serviced
- Tested to seal at 2 psi
- Standard maximum operating pressure 300 psi
- Higher pressure available, consult factory

### Series 33AWS - Well Service Combination

#### Air Release & Vacuum Breaker Valve



Threaded



Flanged

- Epoxy Coated Ductile Iron Body
- Controlled air release to prevent premature closure
- Easily Serviced
- Tested to seal at 2 psi
- Standard maximum operating pressure 300 psi

### Series 33 Accessories



#### Hood / Screen

- Prevent exhaust spray and airborne debris
- Epoxy Coated



#### Goose Neck

- Redirect exhaust spray
- Can be combined with Throttling Device



#### Throttling Device

- Full unrestricted air vacuum protection
- Permits regulating volume of air discharge from vertical turbine well pump
- Adjustable orifice for air exhaust with locking nut
- Full spring loaded vacuum break intake
- Standard Epoxy Coated Ductile Iron
- Retrofit existing 33A



#### Arrestor Check

- Prevents premature closure and water hammer
- Recommended for pipeline and vertical turbine applications
- Retrofit existing 33A
- Standard Epoxy Coated Ductile Iron
- Removable internal plugs for closing speed control



# AIR VALVES

## Waterworks Applications

### Series 34 Air Release Valves



- Ductile Iron Body
- Stainless Steel Trim
- Working pressures up to 600 psi, consult factory for higher pressures
- Standard two part Epoxy Coating
- Consult factory when operating below 10 psi

### Series 36 Combination Air Release and Vacuum Valve



- Fully Ported Valves  
No Restrictions
- Easily Serviced
- Engineered for drip tight seal at low pressure
- Standard two part Epoxy Coating
- Consult factory when operating below 10 psi

## Fire Applications

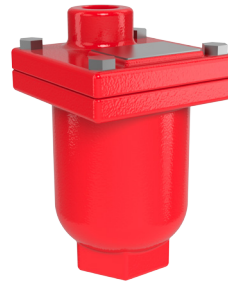
### Series 33A - High Performance Combination Air Release & Vacuum Breaker Valve



- Automatically eliminates air pockets
- Easily Serviced Without Removal from Pipeline
- Simple, Effective Patented Design
- Corrosion Resistant Internal Parts
- Engineered for Lasting Service
- Sizes 2", 3" and 4" UL Listed



### Series 34 Air Release Valves



- Ductile Iron Body
- Stainless Steel Trim
- Easily Serviced Without Removal from Pipeline
- Working Pressures to 800 psi
- Engineered for Drip Tight Seal at Low Pressures



See [www.cla-val.com](http://www.cla-val.com) or your local representative for the full line of Air Valve Products

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