

Golden Anderson Valves
For Water, Wastewater and Sewage
PRODUCT LINE OVERVIEW

Eccentric Plug Valves

Butterfly Valves

Ball Valves

Pump Control Valves

Check Valves

Surge Relief Valves

Water Control Valves

Air Valves

GA Industries, LLC

GA Industries, LLC.
A Zurn Company



MANUFACTURERS OF
GOLDEN ANDERSON VALVES

Bulletin GC-1009
October 2009

Pump Control, Check and Surge Relief Valves

for Water and Sewage



AWWA C507 RESILIENT SEATED BALL VALVES

- Controls Surges Associated with Water or Sewage Pump Operation
- Virtually Zero Headloss
- Resilient Seat is Field Replaceable Through Side Access Port
- 6" to 36" Pressure Class 150, 250 and 300
- Hydraulic, Pneumatic or Electric Motor Actuation
- Request Bulletin R201



AWWA C507 METAL SEATED BALL VALVES

- Used for Pump Control, Throttling or Isolation Service
- Water or Sewage
- Virtually Zero Headloss
- Metal-to-Metal Seating
- 6" to 48" Pressure Class 150, 250 and 300
- Hydraulic, Pneumatic or Electric Motor Actuation
- Request Bulletin MSRBV-507



CHECKTRONIC® PUMP CONTROL VALVES

- Controls Surges Associated with Sewage or Water Pump Operation
- Electric Motor Actuation with Integral Check Feature, No Hydraulic Controls
- Very Low Headloss Design
- Iron Body, 316SS Trim, Resilient Seat
- 3" to 24" Class 125 and 250 Flanged Wye (In-Line) or Angle Body
- Request Bulletin 1625M



ELECTRIC CHECK PUMP CONTROL VALVES

- Controls Surges Associated with Water Pump Operation
- Ideal When Throttling Is Required
- Self-Contained, Pilot-Operated, Uses Line Pressure for Operation
- Full-Ported, Bronze Vee-Port Trim
- 3" to 36" Class 125 and 250 Flanged Globe or Angle Body
- Higher Pressure and Many Options Available
- Request Bulletin W1740C



SURGE RELIEF VALVES FOR WATER

- Protects System from Excess Pressure Due to Sudden Stoppage of Pumping
- Self-Contained, Pilot-Operated, Uses Line Pressure for Operation
- Full Ported, Bronze Vee-Port Trim
- 3" to 36" Class 125 and 250 Flanged Globe or Angle Body
- Higher Pressures Available
- Request Bulletin W200



SURGE RELIEF VALVES FOR WATER OR SEWAGE

- Protects System from Excess Pressure Due to Sudden Stoppage of Pumping
- Direct-Acting, Spring Loaded
- 316SS Trim with Tough Resilient Seat
- Quick Opening, Slow Closing
- 2" to 16" Class 125 Flanged Wye (In-Line) or Angle Body
- Higher Pressures Available
- Request Bulletin S625



CUSHIONED SWING CHECK VALVES

- Quiet, Non-Slam Operation on Water and Sewage Pumps
- Exceeds AWWA C508 Requirements
- Iron Body, 316SS or Bronze Trim, Stainless Steel Shaft, Resilient Seat
- Side-Mounted External Cushion Chamber
- 2" to 54" Class 125 and 250 Flanged
- Increasing Sizes Available
- Many Options Available
- Request Bulletin W150C



OIL-CONTROLLED CLOSING SWING CHECK VALVES

- Two-Stage Closure for Non-Slam Operation on High Head Water and Sewage Pumps
- Iron Body, 316SS or Bronze Trim, Stainless Steel Shaft, Resilient Seat
- Side-Mounted, External Oil-Hydraulic System for Final Closing Speed Control
- 2" to 24" Class 125 Flanged Only
- Many Options Available
- Request Bulletin S-25DX



TILTING DISC CHECK VALVES

- Iron Body with Bronze Trim
- Metal-to-Metal Seated
- Optional Bottom Buffer or Top Mounted Hydraulic Dashpot
- 6" to 48" Class 125 and 250 Flanged
- Many Options Available
- Request Bulletin TD7125



NOTES:

1. Standard ANSI Class 125 or 250 flanges, higher pressure ratings are available using alternate materials of construction
2. ISO, EN, BS and other PN-rated flanges available

Automatic Control Valves

for Water



PRESSURE REDUCING VALVES – Reduce Higher, Fluctuating Inlet Pressure to Lower, Steady Outlet Pressure

- Direct Acting, Diaphragm Operated
- ½" – 2" NPT Bronze Body and Trim, 300 PSI Max Inlet Pressure
- ½" – 2" NPT Stainless Steel Body and Trim, 400 PSI Max Inlet Pressure
- Request Bulletin W2400



- 1½" – 12" Pilot-Operated, Iron Body with 316SS V-Port Trim
- Request Bulletin W2400
- 3" – 36" Pilot-Operated, Iron Body with Bronze V-Port Trim
- Request Bulletin W300
- Many Combinations Available, Including
- Reducing and Check
- Reducing and Sustaining
- Reducing and Solenoid



BACKPRESSURE SUSTAINING/RELIEF VALVES – Sustain Inlet Pressure to a Pre-Set Minimum

- Direct Acting, Diaphragm Operated
- ½" – 2" NPT Bronze Body and Trim, 300 PSI Max Inlet Pressure
- ½" – 2" NPT Stainless Steel Body and Trim, 400 PSI Max Inlet Pressure
- Request Bulletin W200



- 1½" – 12" Pilot-Operated, Iron Body with 316SS V-Port Trim
- 3" – 36" Pilot-Operated, Iron Body with Bronze V-Port Trim
- Many Combinations Available, Including
- Sustaining and Check
- Sustaining and Solenoid
- Differential Pressure Sustaining



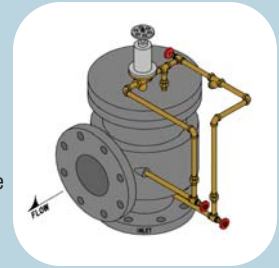
EMERGENCY CUT-IN VALVES – Automatically Connect to Auxiliary Source

- Opens on Low Downstream Pressure to "Cut-In" Auxiliary Supply in an Emergency
- Closes When Downstream Pressure Rises to Normal Pressure
- 3" – 36" Pilot-Operated, Iron Body with Bronze V-Port Trim
- Many Combinations Available: Stop Check, Backpressure Sustaining, Solenoid Override



SURGE RELIEF VALVES – Protect System from Excessive Pressure Surges

- Opens Quickly to Discharge Excess Pressure
- Slowly Closes When Pressure Subsides Below Setting
- ½" – 2" NPT Direct-Acting
- 3" – 36" Pilot-Operated Iron Body with Bronze V-Port Trim
- Available as "Surge Sentinel" Anticipator Valve
- Many Configurations, Accessories and Options Available
- Request Bulletin W200



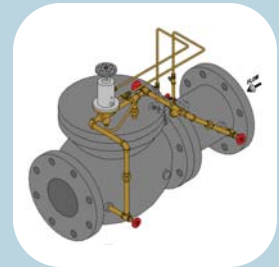
ALTITUDE VALVES – Prevent Tank Overflow

- Installed in Tank Fill Line, Closes When Tank is Full, Opens to Refill Tank
- Single-Acting (One Way Flow) or Double-Acting (Two-Way Flow)
- 3" – 36" Pilot-Operated, Iron Body with Bronze V-Port Trim
- Countless Combinations, Variations and Configurations Available
- Request Bulletin W400



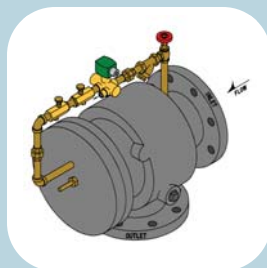
FLOW CONTROL VALVES – Limits Flow Rate to Pre-Set Maximum

- Maintains Flow Rate as Pressure Varies
- 3" - 36" Pilot-Operated Iron Body with Bronze V-Port Trim
- Many Configurations and Options Available, Including:
- Downstream Pressure Limiting
- Upstream Pressure Sustaining
- Check Feature
- Solenoid Override
- Combinations of the Above



SOLENOID VALVES – Open/Close by Remote Electrical Signal

- Energize to Open or Close
- ½" to 2" NPT Pilot-Operated Bronze Body and V-Port Trim
- 1½" – 12" Pilot-Operated Iron Body, 316 SS V-Port Trim
- 3" – 36" Pilot-Operated, Iron Body, Bronze V-Port Trim
- Countless Combinations, Variations and Configurations Available
- Request Bulletin W700



NOTES:

1. All valves available in angle or globe body
2. All valves available with "Stop-Check Piston" to prevent reverse flow
3. Standard ANSI Class 125 or 250 flanges, higher pressure ratings are available using alternate materials of construction
4. ISO, EN, BS and other PN-rated flanges available

Air Valves and Check Valves

for Water and Sewage



AWWA C508 SWING CHECK VALVES

- Conform to AWWA C508
- 3" to 30" Class 125 Flanged Epoxy Coated Ductile Iron Body and Cover
- Water or Sewage
- Stainless Steel Trim
- Lever and Weight or Spring
- Optional Air-Cushion
- Request Bulletin 340



HEAVY-DUTY SWING CHECK VALVES

- Exceed AWWA C508
- 2" to 48" Class 125 or 250 Flange
- Water or Sewage
- Bronze or Stainless Steel Trim
- Lever and Weight or Spring
- Many Options Available
- Request Bulletin 230



RUBBER FLAPPER CHECK VALVES

- Meets AWWA C508
- Suitable for Water or Sewage
- Only One Moving Part
- 2" to 24" Class 125 Flanged
- 250 PSI Rated Epoxy Coated Ductile Iron Body
- Optional Back-Flow Device
- Request Bulletin 200RF



INCREASING SIZE HEAVY-DUTY SWING CHECK VALVES

- Exceed AWWA C508
- Outlet is One or Two Sizes Larger Than Inlet
- Eliminates Increaser Fitting
- Lever and Weight or Spring
- 3" x 4" to 10" x 12" Single Increasing
- 4" x 8" to 10" x 14" Double Increasing
- Many Options Available



SILENT CHECK VALVES

- Internal Spring Assist Non-Slam Operation on Water
- Iron Body, Bronze or 316SS Trim
- Wafer Style 1½" to 10" Class 125/250
- Globe Style 2½" to 24" Class 125 and 250 Flanged
- 2½" to 24" Class 125 Flanged Foot Valves
- Request Bulletin 280



BALL CHECK VALVES

- Primarily Used on Discharge of Submersible Sewage or Water Pumps
- Can Be Installed Under Water in Wetwell or in Valve Vault
- Self-Cleaning, Rubber Coated Ball is Only Moving Part
- 1¼" to 2" NPT, 3" to 12" Class 125 Flanged
- 150 PSI Rated
- Request Bulletin 240



AIR VALVES FOR WATER, WASTEWATER and SEWAGE – Request Catalog AR2000

AIR RELEASE VALVES

- ½" to 3" NPT Pipeline Connection
- Cast Iron Body with 316SS Trim
- Up to 300 PSI Working Pressure

AIR and VACUUM VALVES

- Kinetic Principle – Won't Blow Shut
- ½" to 3" NPT, 3" to 16" Flanged Connection
- Cast Iron Body with 316SS Trim
- Up to 300 PSI Working Pressure
- Available with Surge Check and Other Accessories

COMBINATION AIR VALVES

- Kinetic Principle – Won't Blow Shut
- ½" to 3" NPT, 3" to 16" Flanged Connection
- Single- or Dual-Body Type
- Cast Iron Body with 316SS Trim
- Up to 300 PSI Working Pressure
- Available with Surge Check and Other Accessories

VACUUM BREAKING VALVES

- 2½" to 24" Flanged Connection
- Screened Air Inlet
- Cast Iron Body with Bronze or 316SS Trim
- Up to 400 PSI Working Pressure
- Available with Air Release Valve



SEWAGE AIR RELEASE, AIR and VACUUM and COMBINATION AIR VALVES

- 2" to 4" NPT, 4" and 6" Class 125 Flanged Pipeline Connection
- Cast Iron Body with 316SS Trim
- Available with Standard Elongated or Short Body
- Up to 150 PSI Working Pressure

VACUUM BREAKING VALVES for SEWAGE

- 2½" to 24" Flanged Connection
- Screened Air Inlet
- Cast Iron Body with Bronze or 316SS Trim
- Up to 400 PSI Working Pressure
- Available with Air Release Valve



DUROVENT™ STAINLESS STEEL AIR VALVES

- 2" NPT Air Release, Air and Vacuum and Combination
- 316SS Body and Trim
- Standard Elongated or Short Body
- Up to 150 PSI Working Pressure
- Request Bulletin X900SS



GA Industries Air Valves are Designed, Manufactured and Tested in Accordance with AWWA C512

Plug Valves and Butterfly Valves

for Treatment Plants, Pump Stations and Pipelines



ECO-Centric™ AWWA C517 PLUG VALVES

½" to 2½" ECCENTRIC PLUG VALVES

- Epoxy Coated and Lined Ductile Iron Body
- Round Port for High Capacity and Low Headloss
- Rubber Coated Ductile Iron Plug
- NPT Ends
- Manual Lever Operator
- Request Bulletin PV517



3" to 24" ECCENTRIC PLUG VALVES

- Epoxy Coated and Lined Ductile Iron Body
- Round Port for High Capacity and Low Headloss
- Welded Nickel Seat
- Rubber Coated Ductile Iron Plug
- Class 125 Flanged or Mechanical Joint
- Manual or Power Actuated
- All Accessories Available
- Request Bulletin PV517



30" and LARGER AWWA ECCENTRIC PLUG VALVES

- Epoxy Coated and Lined Cast Iron Body
- Welded Nickel Seat
- Rubber Coated Ductile Iron Disc
- Class 125 Flanged or Mechanical Joint
- Manual or Power Actuated
- All Accessories Available
- Request Bulletin PV517



SERIES 800 AWWA C504 BUTTERFLY VALVES

3" to 24" BUTTERFLY VALVES

- NSF-61 Epoxy Coated Ductile Iron Body
- Molded and Vulcanized Rubber Seat in Body
- Class 150B and 250B Rated
- Class 125 Flanged or Mechanical Joint
- 3" to 20" Wafer Style
- Manual or Power Actuated
- All Accessories Available
- Request Bulletin BFV800



30" and LARGER BUTTERFLY VALVES

- NSF-61 Epoxy Coated Cast Iron or Ductile Iron Body
- Field Replaceable Rubber Seat in Body
- Rubber Seat Mechanically Retained Without Epoxy
- Class 150B or 250B Rated
- Class 125 Flanged or Mechanical Joint
- Manual or Power Actuation
- All Accessories Available
- Request Bulletin BFV800



Engineered Valve Solutions Since 1895

Since its beginning as Golden-Anderson Valves, GA Industries, LLC has set the standard for quality, dependability and service. GA's complete product range serves the needs of the water and wastewater industry and includes:

AWWA C504

Rubber Seated Butterfly Valves

- Flanged and Mechanical Joint Ends
- Manual and Automatic Actuation

AWWA C507

Ball Valves

- Metal Seated
- Resilient Seated
- Hydraulic, Pneumatic, or Electric Motor Actuation

AWWA C508

Check Valves

- Cushioned Swing Check Valves
- Rubber Flapper Check Valves
- Globe and Wafer Silent Check Valves
- Ball Check Valves
- Foot Valves

AWWA C512

Air Valves for Water and Sewage

- Air Release
- Air and Vacuum
- Combination
- Vacuum Breaking

Eccentric Plug Valves

- Flanged, Threaded, and Mechanical Joint Ends
- Manual and Automatic Actuation

Control Valves

- Pump Control for Water and Sewage
- Surge Relief for Water and Sewage
- Level Control
- Pressure Regulating
- Solenoid Operated
- Anti-Cavitation



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