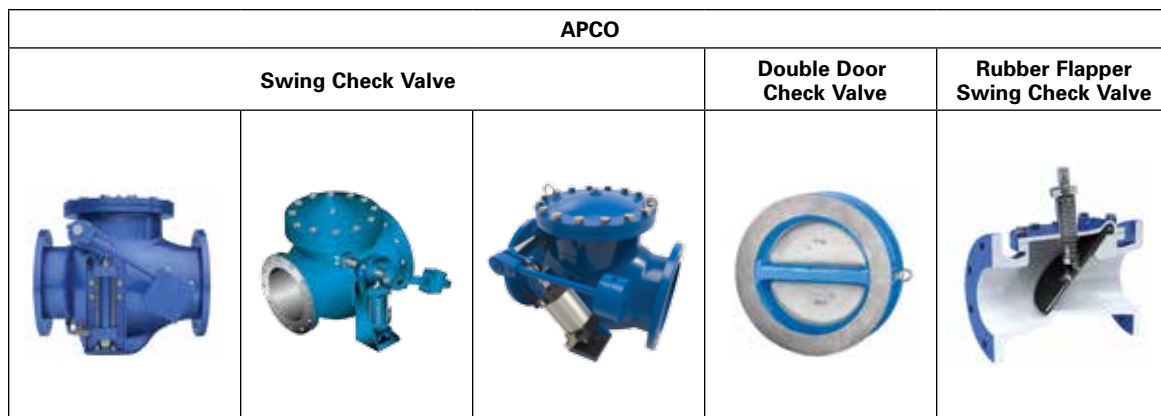


Check Valves Selection Chart



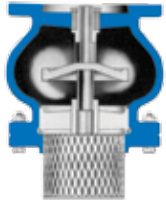
MODEL	CVS-6000	CVS-250	CVS-EDV	CDD	CRF
Valve Design & Characteristics	Full Featured, Convertible, Oil Controlled Design	Meets AWWA C508. Fusion Bonded Epoxy Paint as Standard	Economical Swing Check Valve	Lowest Initial Cost & Shortest Laying Length	Low maintenance design. Unrestricted full flow area. Meets AWWA C508.
Size Range	2-66" (50-1700mm)	2-42" (50-1100mm)	3-30" (75-750mm)	2-60" (50-1500mm)	2-48" (50-1200mm)
Seat Type	Metal, Resilient	Resilient	Resilient	Resilient	Resilient
Pressure Rating	to 640 psi CWP (4140 kPa)	250 psi CWP (1720 kPa)	250 psi CWP (1720 kPa)	to 740 psi CWP (5100 kPa)	to 250 psi CWP (1720 kPa)
Maximum Temperature (as standard)	to 250°F (121°C)	to 300°F (149°C)	to 250°F (121°C)	to 625°F (329°C)	250°F (121°C)
Clean Water	Typical Application	Typical Application	Typical Application	Typical Application	Typical Application
Industrial Liquids	Typical Application	Typical Application	Typical Application	Typical Application	Typical Application
Gasses	Limited Application	Limited Application	Limited Application	Typical Application	Limited Application
Raw Sewage	Typical Application	Typical Application	Typical Application	Not Used	Typical Application
Industrial Wastewater	Typical Application	Typical Application	Typical Application	Not Used	Typical Application
Slurries	Typical Application	Typical Application	Typical Application	Not Used	Typical Application
Slurries Abrasive (Rubber Lined)	Optional Constuction	Not Used	Not Used	Not Used	Optional Constuction
Horizontal Application	Typical Application	Typical Application	Typical Application	Typical Application	Typical Application
Vertical Installation (Flow Up Only)	Typical Installation	Typical Installation	Typical Installation	Typical Installation	Typical Installation
Reverse Flow (For Drain)	Optional Constuction	Not Used	Not Used	Not Used	Optional Constuction
Disc Position Indicator	Standard Construction	Standard Construction	Standard Construction	Not Used	Optional Constuction
Switches	Optional Constuction	Optional Constuction	Optional Constuction	Not Used	Optional Constuction
Silent Closing Characteristics	Optional Constuction	Not Used	Not Used	Not Used	Limited Application
Cushion Closing	Standard Feature	Standard Feature	Standard Feature	Not Used	Not Used
Control Open and Close (Standard)	Not Used	Not Used	Not Used	Not Used	Not Used
Control Close (Optional)	Standard Feature	Not Used	Not Used	Not Used	Standard Feature
Outside Lever Available	Standard Feature	Standard Feature	Standard Feature	Not Used	Not Used
Field Convertible Controls	Standard Feature	Limited Application	Not Used	Not Used	Not Used

Check Valves Selection Chart

APCO					
	Slanting Disc Check Valve	Silent Check Valve (Wafer)	Silent Check Valve (Globe)	Automatic Control Check Valve	Full Flow Rubber Flapper Foot Valves
					
MODEL	CSD	CSC-300	CSC-600	CAC	FRF
Valve Design & Characteristics	Two piece body and slant disc position. Lowest Head Loss	Highest Head Loss, FM/UL Approved	Highest Head Loss, FM/UL Approved	Electric Motor Operated. Open & Close Control. Remote Operation. Shutoff & Throttling Valve	Installed vertically to maintain a flooded suction and primed centrifugal pump.
Size Range	2-72" (50-1800mm)	1-10" (15-250mm)	3-42" (75-1100mm)	6-48" (150-1200mm)	2-36" (50-900mm)
Seat Type	Metal	Metal, Resilient	Metal, Resilient	Resilient	Resilient
Pressure Rating	to 740 psi CWP (5100 kPa)	to 450 psi CWP (3100 kPa)	to 450 psi CWP (3100 kPa)	150 psi CWP (1030 kPa)	N/A
Maximum Temperature (as standard)	250°F (121°C)	to 325°F (163°C)	to 325°F (163°C)	250°F (121°C)	250°F (121°C)
Clean Water	Typical Application	Typical Application	Typical Application	Typical Application	Typical Application
Industrial Liquids	Typical Application	May Be Used	May Be Used	Typical Application	Typical Application
Gasses	Not Used	Limited Application	Limited Application	May Be Used	Not Used
Raw Sewage	Not Used	Not Used	Not Used	Not Used	Typical Application
Industrial Wastewater	Not Used	Not Used	Not Used	Limited Application	Typical Application
Slurries	Not Used	Not Used	Not Used	Limited Application	Typical Application
Slurries Abrasive (Rubber Lined)	Not Used	Not Used	Not Used	Optional Construction	Optional Construction
Horizontal Application	Typical Application	Typical Application	Typical Application	Typical Application	Typical Application
Vertical Installation (Flow Up Only)	Typical Installation	Typical Application	Typical Application	Typical Application	Typical Installation
Reverse Flow (For Drain)	Optional Construction	Not Used	Not Used	Standard Construction	Not Used
Disc Position Indicator	Standard Construction	Not Used	Not Used	Standard Construction	Not Used
Switches	Standard Construction	Not Used	Not Used	Standard Construction	Not Used
Silent Closing Characteristics	Optional Construction	Standard Feature	Standard Feature	Standard Feature	Not Used
Cushion Closing	Not Used	Not Used	Not Used	Not Used	Not Used
Control Open and Close (Standard)	Not Used	Not Used	Not Used	Standard Feature	Not Used
Control Close (Optional)	Standard Feature	Not Used	Not Used	Standard Feature	Not Used
Outside Lever Available	Standard Feature	Not Used	Not Used	Not Used	Not Used
Field Convertible Controls	Standard Feature	Not Used	Not Used	Limited Application	Not Used

APCO

**Full Flow Foot Valve
with Strainer**



FFF

Installed vertically
to maintain a flooded
suction and primed
centrifugal pump.

3-36" (75-900mm)

Resilient

N/A

250°F (121°C)

Typical Application

Typical Application

Not Used

Not Used

Not Used

Not Used

Not Used

Typical Application

Typical Installation

Limited Application

Not Used

Not Used

Standard Feature

Not Used


Not Used


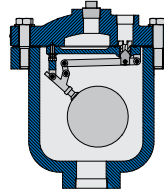
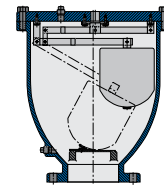



Not Used

Not Used

Not Used

Automatic Air Valves Selection Chart

APCO					
Air Release Valves					
Water/Clean Service Air Release Valves					
					
MODEL	ARV, 50	ARV, 55	ARV, 65	ARV, 200A	ARV, 200
Valve Design & Characteristics	NBR Needle; 316 or 303 Stainless Steel Seat. Simple Lever	303 Stainless Steel Needle; Brass or 316 Stainless Steel Seat. Simple Lever	Bronze or Stainless Steel Needle; Brass or Stainless Steel with NBR Insert Seat. Simple Lever	NBR Needle; POM or 316 Stainless Steel Seat. Compound Lever	NBR Needle; 316 Stainless Steel Seat. Compound Lever
Inlet Size / Valve Size	.5", .75", 1" (15, 20, 25mm)	.5" (15mm)	.75" (20mm)	1", 2" (25, 50mm)	2" (50mm)
Pressure Rating	175 or 300 psi CWP (1210 or 2070 kPa)	175 psi CWP (1210 kPa)	75 or 150 psi CWP (520 or 1030 kPa)	15, 50, 75, 150, 300, 600 psi CWP (100, 350, 520, 1030, 2070, 4140 kPa)	15, 75, 150, 300 psi CWP (100, 520, 1030, 2070 kPa)
Maximum Temperature	250°F (121°C)	250°F (121°C)	250°F (121°C)	250°F (121°C)	250°F (121°C)
FM / UL Approved	Optional	Optional	No	Optional	No
Air Release (normal operation)	Typical Installation	Typical Installation	Typical Installation	Typical Installation	Typical Installation
Admit Air (pipeline draining)	Not Used	Not Used	Not Used	Not Used	Not Used
Exhaust Air (pipeline filling)	Not Used	Not Used	Not Used	Not Used	Not Used
Water	Typical Installation	Typical Installation	Typical Installation	Typical Installation	Typical Installation
Sewage	Not Used	Not Used	Not Used	Not Used	Not Used
Liquid Fuel	Not Used	Not Used	Not Used	Not Used	Not Used

APCO					
Air Release Valves				Air/Vacuum Valves	
Water/Clean Service Air Release Valves			Fuel Service Air Release	Air/Vacuum Valves	
					
ARV, 205	ARV, 206	ARV, 207	ARF	AVV, 140 or 140H	AVV, 150
316 Stainless Steel Needle; 316 Stainless Steel seat. Compound Lever	High Pressure. 316 Stainless Steel Needle; 316 Stainless Steel Seat. Compound Lever	Large Orifice. High Venting Capacity. 316 Stainless Steel Needle; NBR Seat. Compound Lever	Special Lightweight Float for Fuel Service, Compound Lever	Large venting orifice. Body Style 140H for high pressure service.	Large Sizes
2" (50mm)	2" (50mm)	6" (150mm)	.5", .75", 1" (15, 20, 25mm)	.5", 1", 2" 3" (15-80mm)	4-24" (100-600mm)
100, 150, 500, 800 psi CWP (690, 1030, 3450, 5520 kPa)	1500 psi CWP (10,340 kPa)	15, 150, 300 psi CWP (100, 1030, 2070 kPa)	15, 50, 70, 100, 150, 300 psi CWP (100, 350, 480, 690, 1030, 2070 kPa)	to 1480 psi CWP (10,200 kPa)	up to 740 psi CWP (5100 kPa)
250°F (121°C)	250°F (121°C)	250°F (121°C)	250°F (121°C)	to 425°F (218°C)	to 425°F (218°C)
No	No	No	No	No	No
Typical Installation	Typical Installation	Typical Installation	Typical Installation	Not Used	Not Used
Not Used	Not Used	Not Used	Not Used	Typical Installation	Typical Installation
Not Used	Not Used	Not Used	Not Used	Typical Installation	Typical Installation
Typical Installation	Typical Installation	Typical Installation	Not Used	Typical Installation	Typical Installation
Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
Not Used	Not Used	Not Used	Typical Installation	Not Used	Not Used

