

IRRIGATION ACCESSORIES



IRRIGATION
ACCESSORIES



E-mail: contactus@automatworld.com
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Creating a Green World



"RELIABILITY TO RELATIONSHIP"

Air Release Cum Vacuum Relief Valve

3/4", 1", 2" & 3" Plastic CARV



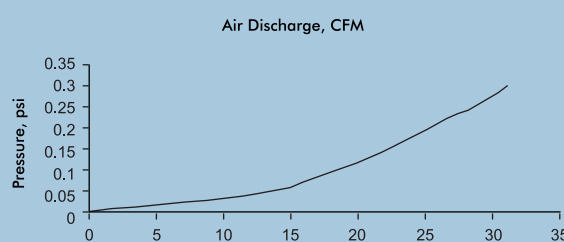
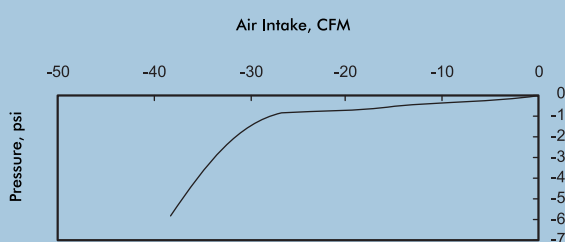
Features

- Instant Air Release / Vacuum Relief
- Protects irrigation systems and components
- UV Protected brightcolour cap allows easy visibility
- Easy to install

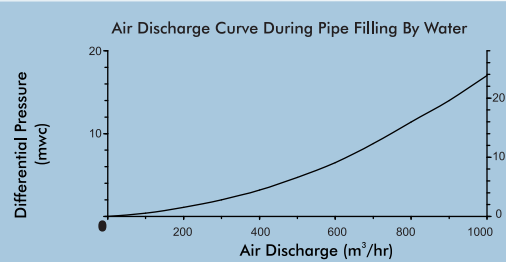
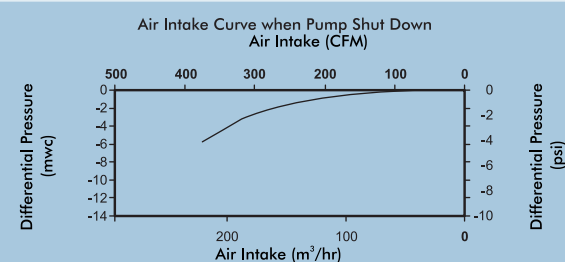
Specifications

- Durable, weather resistant and non-corrosive reinforced Polypropylene & Polyamide (Nylon)
- Maximum working pressure : AQ-87 & 88P - 100 psi
AQ-90P & 91P - 175 psi
- Seals at 5psi
- Available in :
 - 3/4" BSPT/NPT male thread connection : AQ-87P
 - 1" BSPT/NPT male thread connection : AQ-88P
 - 2" BSPT/NPT male thread connection : AQ-90P
 - 3" BSP/NPH female thread connection : AQ-91P

Performance Graph AQ-88P



Performance Graph AQ-90P



Continuous Acting Air Release Cum Vacuum Relief Valve

1" & 2" Plastic CARV



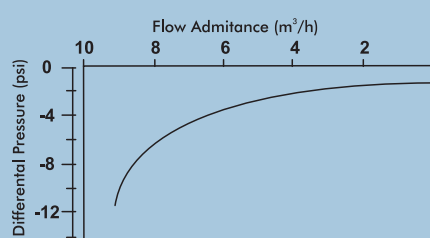
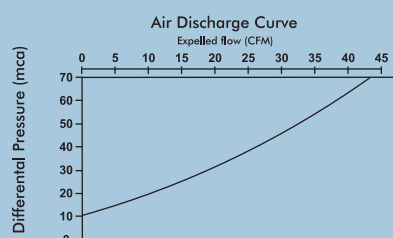
Features

- Continuous Air Release / Vacuum Relief
- This product due to the presence of a specially designed seal & a low density float becomes water tight in both highly pressurized or no pressure conditions
- Facilitates the release of air which enters the pipeline during startup operations or is left over in the system
- UV Protected bright colour top allows easy visibility
- Easy to install

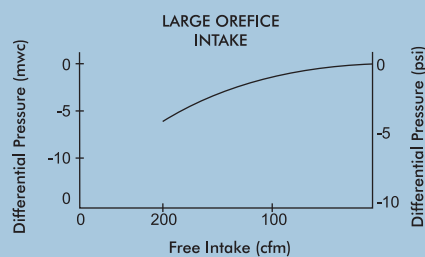
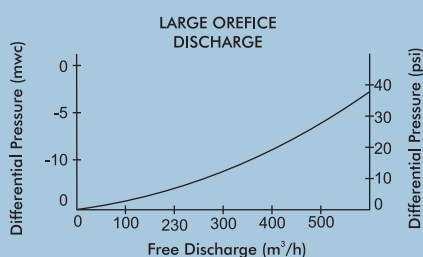
Specifications

- Available in 1" BSP/NPT thread connection : AQ-88CP
2" BSP/NPT thread connection : AQ-90CP
- Manufactured out of durable, weather resistant and non-corrosive reinforced Polyamide (Nylon)
- Minimum Sealing Pressure : 5 psi
- Working Pressure : 5 - 175 psi
- Threaded Elbow Outlet

Performance Graph AQ-88CP



Performance Graph AQ-90CP



Air Release Cum Vacuum Relief Valve

1½", 2", 3" & 4" Aluminium ARV



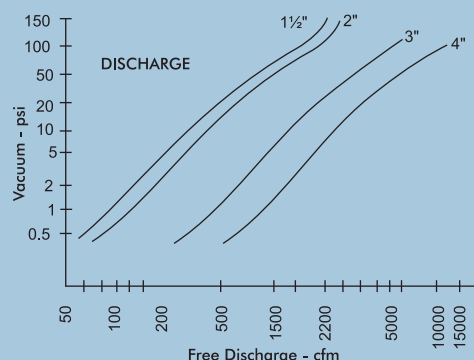
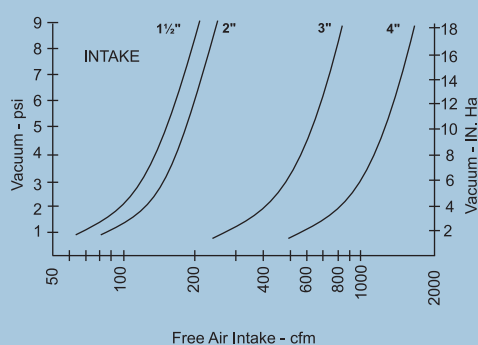
Features

- Provides positive vacuum relief when pipeline is draining
- The float seats against a precision O-Ring, which provides a tight seal at very low pressure
- Extracts air when pipeline is filled with water
- The aerodynamic airflow design of high strength alloy aluminum body and a full baffle assures maximum vent capacity without premature closing

Specifications

- Simple design ensures trouble-free performance
- Cast Aluminium body combines the dual advantage of being light weight as well as provides corrosion resistance
- Synthetic rubber seal assures positive rubber seal even with low head applications
- Available in: 1½" BSP/NPT thread connection : AQ-89
2" BSP/NPT thread connection : AQ-90
3" BSP/NPT thread connection : AQ-91
4" BSP/NPT thread connection : AQ-92

Performance Graph



Continuous Acting Air Release Cum Vacuum Relief Valve

2" & 3" Aluminium CARV



Features

- Provides continuous air release during system operation
- Exhaust large volume of trapped air from pipeline
- Promotes full line capacity & provides vacuum protection

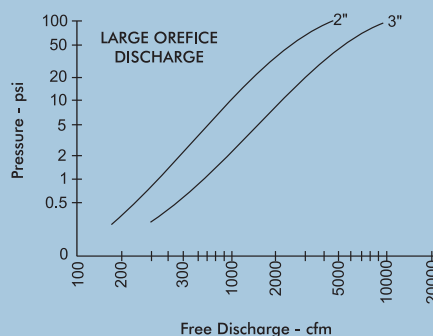
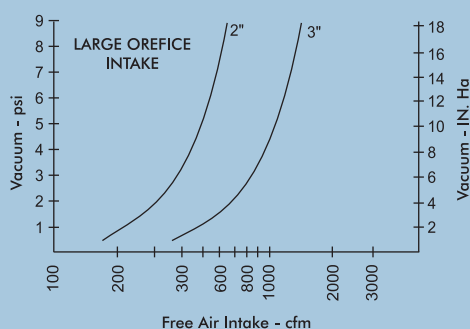
Specifications

- Cast Aluminium body combines light weight strength and corrosion resistance
- Available for:

2" BSP/NPT Thread Connection AQ-90C

3" BSP/NPT Thread Connection AQ-91C

Performance Graph



Pressure Relief Valves

2" & 3" PRV



New Product

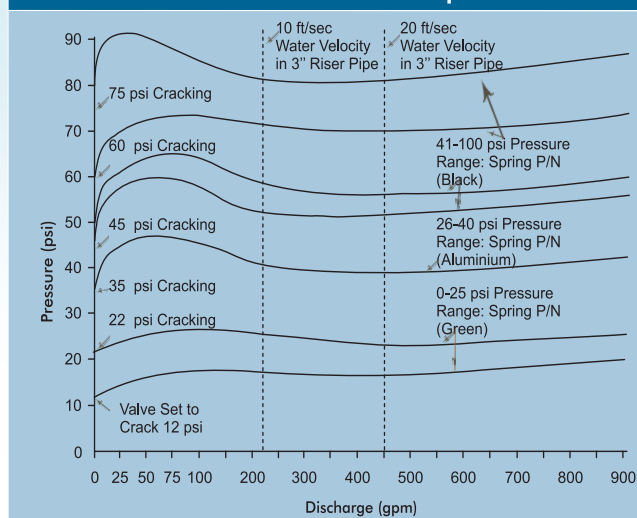
Features

- Available in 2" BSP/NPT thread connection : AQ-102
- Available with cover also
- Provides pressure surge protection for irrigation system
- Adjustable pressure setting maximizes performance for individual applications
- High strength cast aluminium body, stainless steel shaft offers strength & corrosion resistance
- Oil tempered oil spring provide responsive operation for individual pressure range
- Can be supplied at pre-set pressure or can be adjusted in field also
- Pressure relief setting 22 psi to 120 psi
- Economy model also available.
- Pressure relief setting (for economy model) 22 psi to 80 psi

Applications

- Automat Pressure Relief Valves are made to provide effective pressure surge protection for aluminum and high pressure plastic pipe sprinkler systems.
- These valves reliably protect system from damage caused by water pressure surges.

Performance Graph



Notes:

1. Graphs represent actual test results of pressure relief valves that were at Center for Irrigation Technology, Fresno State University Fresno, California.
2. Performance of individual valves may vary 2-3 P.S.I. from that shown due to spring variations.
3. Pressure relief valves, meet the requirements specified in SCS specification 430-EE, dated April 1982 & 430-DD dated April 1982



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Aluminum Fittings & Accessories

ALUMINIUM LATERAL COUPLER WITH 1" BRASS OUTLET

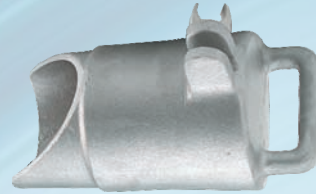
AVAILABLE SIZES :

- 2" -PRESS IN
- 3" -WELDON
- 4" -WELDON



ALUMINIUM END PLUG

AVAILABLE SIZES : 2", 3", 4" & 6"



BAND FOR COUPLERS

AVAILABLE SIZES : 2", 3" & 4", 6"
MATERIAL : GALVANIZED STEEL

AVAILABLE SIZES : 5", 6"
MATERIAL : ALUMINIUM



MAIN LINE ALUMINIUM COUPLER

AVAILABLE SIZES : 4", 5" & 6"



ALUMINIUM CONES

AVAILABLE IN DIFFERENT SIZES



HALF NIPPLES

AVAILABLE SIZES : 3/4", 2", 3" & 4"
MATERIAL : STEEL & ALUMINIUM



RUBBER GASKET

AVAILABLE SIZES : 2", 3", 4", 5" & 6"
MATERIAL : EPDM



STEEL HOOK

MATERIAL : GALVANIZED STEEL



Aluminum Fittings & Accessories

SADDLE VALVE

AVAILABLE SIZES :

- 6" RADIUS - 4" x 6"
- 8" RADIUS - 4" x 8"
- 10" RADIUS - 4" x 10"



VALVE STEMS

AVAILABLE SIZES : 7" & 9"

MATERIAL : STEEL, BRASS &
STAINLESS STEEL



STEEL RISERS

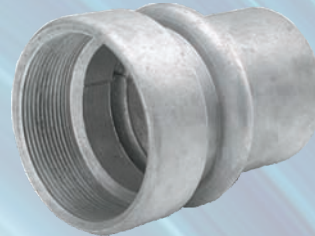
AVAILABLE IN
DIFFERENT LENGTHS & SIZES



HYDRANT VALVE

AVAILABLE SIZES :

- 3" X 3" THREADED
- 4" X 4" PLAIN
- 4" X 4" THREADED
- 4" X 3" THREADED
- 6" X 6" PLAIN
- 6" X 6" THREADED



DOMED VALVE LIDS

AVAILABLE SIZES : 3", 4" & 6" DIA



ALUMINIUM CAST RINGS

AVAILABLE SIZES : 6", 8" & 10"



VALVE OPENER ELBOW

AVAILABLE SIZES :

- 4" x 4"
- 4" x 3"
- 3" x 3"
- 3" x 2"





"RELIABILITY TO RELATIONSHIP"