

# Continuous Acting Air Release & Vacuum Relief Valve

2", 3", & 4"



## Features

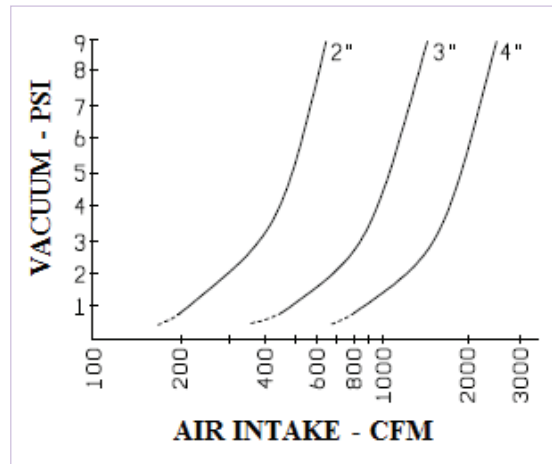
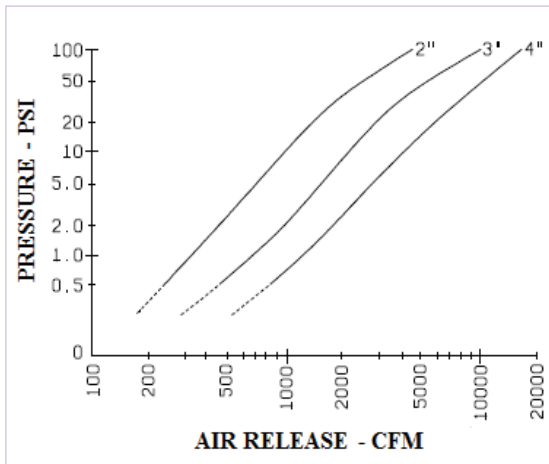
- Light weight Aluminum body.
- Large Volume air release when line is filled.
- Connection Size: 2" Female threaded BSP/NPT Positive vacuum relief when line is draining.
- Continuously release air pockets while line is in operation.
- Do not leak at low pressure.

## Technical Specifications

- Continuous Air Release/Vacuum Relief Valve
- Min. Sealing Pressure : For 2" to 4" : 7 PSI
- Working Pressure Range: For 2" : 7 - 150PSI  
For 3" & 4" : 7 - 100 PSI
- Inlet Connection: Female BSP/NPT threaded
- Available Connections Size: 2", 3" & 4"

## Functions

- **Expulsion (Kinetic Air):** When the pipe is being filled, the air release valve remains open expelling all the surplus air outside the installation. When the pipe is full of water air release valve closes tightly.
- **Air Admission (Air Intake):** While negative pressure (pipe vacuum) the air release valve opens to allow the air to go inside the pipe. This system avoids possible damages in pipes and accessories.
- **Expulsion of the residual air (Automatic Air):** The air release valve constantly releases the residual air generated in the installation (due to water level changes in reservoir during fertigation / leakages in suction pipe, fittings), expelling air even when the system is under pressurized condition.



1 CFM = 1.699 m<sup>3</sup>/h  
1 PSI = 0.70307 mwc

## Dimension & Weight Chart

Models	Nominal		Clear Opening dia		Height		Width		Weight	
	In	mm	In	mm	In	mm	In	mm	Lbs	gm
AQ-90C	2"	50.8	1.99	50.5	10.5	266	5.3	135	5.82	2640
AQ-91C	3"	76.2	3.03	77	11.2	285.5	6.9	176	10.23	4640
AQ-92C	4"	76.2	3.03	77	11.7	297.5	6.9	176	11.02	5000



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