

Aquative™

Suitable for operation in all applications - agriculture, landscape and industry (water supply system).



Energy saving



Long distance operation



3 position knob, On/Off/Auto

/ Benefits & Features

- Large orifice Enables smooth operation in tough water conditions
- Manual override Close / Auto / Open
- Very low energy consumption For maximal wire distance
- Options Optional NC (Normally Closed) or NO (Normally Open) configuration

/ Specifications & Recommendations

	AC Model	DC Model
Voltage	24VAC	12-40VDC
Pressure Range (No, Nc)	0 - 10 bar 0-140psi	
Ambient Temp. Max	60°C (140°F)	
Fluid Temp. Max	60°C (140°F)	
Filtration Requirements	80 mesh	
Inrush	90mA	-
Holding	75mA	-
Plastic Parts Raw Material	Reinforced Nylon	
Command Diaphragm Raw Material	EPDM	
Hydraulic Ports	1/8" BSP	
Leads	2 X AWG22 (1.2m)	
Delay from Command to Activation	2-5sec.	

→ Recommended Working Conditions Capacitor Mode - for DC Models

Voltage (VDC)	Capacitor (μF)	Min. Pulse (ms)
12-18	4,700	80
18-28	3,300	80
28-40	2,200	80

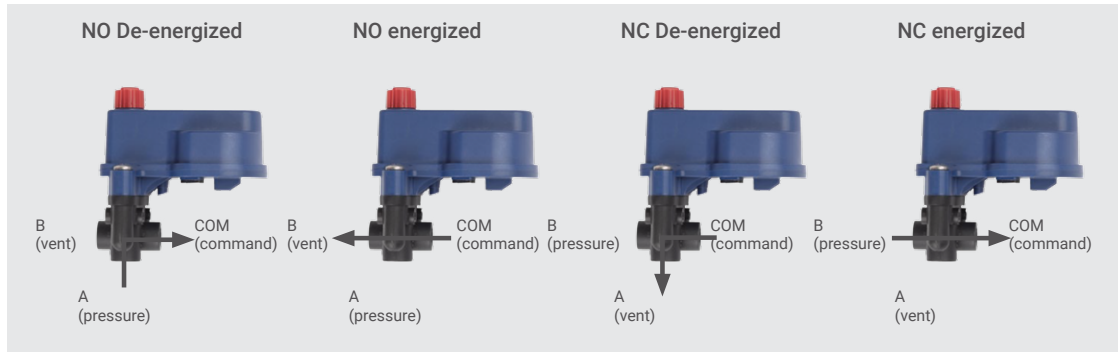
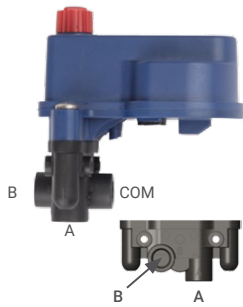
Two wires: red + / black - common, Changing wire connections will change NC to NO

→ Hydraulic Characteristics / Water Passage

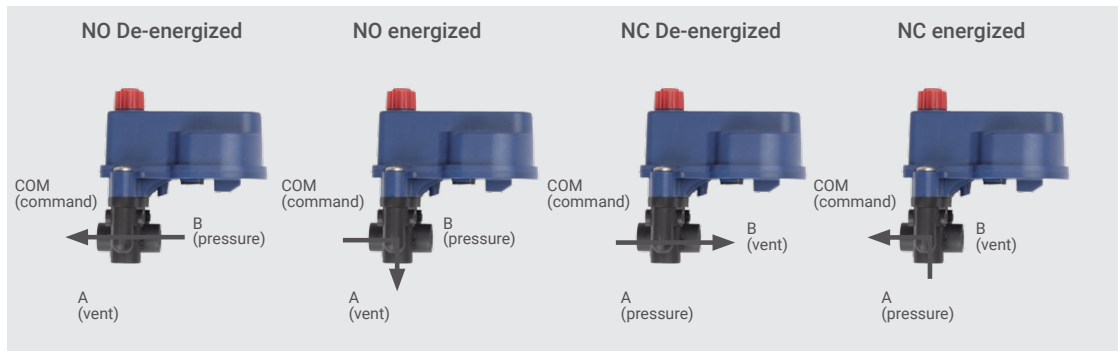
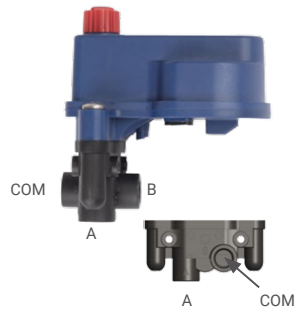
Model	Orifice (mm)
Aquative Plus™	2

→ Configuration

Configuration 1 - Standard



Configuration 2 - Non-Standard



→ Packaging Data

Model	Model Weight (gr)	Units per Carton	Carton Dimensions (cm x cm x cm)	Carton Weight (gr)
Aquative Plus (1 actuator)	147.5	50	28 x 28 x 56	7,375
Aquative Plus (2 actuator)	457.5	14		6,405
Aquative Plus (4 actuator)	783.5	8		6,268
Aquative Plus (6 actuator)	1,100	8		8,800

→ Maximum Distance from Controller to Aquative™

Cable Gauge (awg)	Diameter (mm)	Cross Section (mm²)	AC	DC
			Max. Distance (m)	Max. Distance (m)
24	0.5	0.2	600	-
20	0.8	0.5	1,250	150
18	1.0	0.8	2,000	-
17	1.1	1.0	2,500	240
16	1.3	1.3	3,500	-
15	1.4	1.5	5,000	380

→ Catalog Numbers

No. of Actuator(s)	Aquative Plus Config. 1		Aquative Plus Config. 2
	AC	DC	DC
1 w/o brackets	35500-001200	35500-001900	35500-001920
1 w/ brackets	35500-001300	35500-002000	-
2 w/ brackets	35500-001400	35500-002100	35500-000710
3 w/ brackets	35500-001500	35500-002200	35500-000711
4 w/ brackets	35500-001600	35500-002300	35500-000712
5 w/ brackets	35500-001700	35500-002400	35500-000713
6 w/ brackets	35500-001800	35500-002500	35500-000714
7 w/ brackets	35500-001360	35500-001361	35500-000715
8 w/ brackets	35500-001850	35500-002530	35500-000716
9 w/ brackets	35500-002531	35500-001860	35500-000717
10 w/ brackets	35500-001870	35500-002550	35500-000718

* Anchoring with 2 screws 10x1.5"
* Bracket material: Aluminum