



# DirectoValve® 2-Way Electrically Operated Solenoid Valves

## AA144P-, AA144A-, AA145H-, DirectoValve Control Valves

- Direct acting; large internal flow chamber without pilot hole reduces chance of clogging.
- Stainless steel wetted parts provide additional corrosion resistance.

- Operate on 12 VDC system.
- Maximum pressure of 100 PSI (7 bar).
- Encapsulated solenoid coil can be changed without removing valve from system.

- EPDM diaphragms and seat washers, Viton® optional.
- Continuous flow through bypass connection, with flow to spray line controlled by valve "on-off" action.



AA144P



AA144P-3  
(Three Unit)

## AA144P DirectoValve Control Valves

- Flow Rate: 10 GPM (38 l/min) at 5 PSI (0.34 bar) pressure drop, 14 GPM (53 l/min) at 10 PSI (0.69 bar) pressure drop.
- 2.5 amp current draw.
- Polypropylene body for chemical resistance.

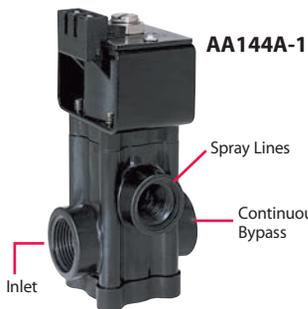
- Fabric reinforced Viton diaphragms and seat washers.
- No stroke adjustment required.
- Corrosion resistant, 430SS solenoid grade armature and armature stop.
- Encapsulated coil and magnetic circuit.

### How to order:

To order, specify AA144P- then "1", "2" or "3" to indicate number of units.  
Example: AA(B)144P-3

MODEL NUMBER	INLET SIZE	OUTLET SIZE	CURRENT DRAW
AA(B)144P-*	3/4"	1/2"	2.5 amp

(B) = BSPT



AA144A-1

## AA144A Valve for Pressures up to 100 PSI (7 bar)

- Flow Rate: 10 GPM (38 l/min) at 5 PSI (0.34 bar) pressure drop, 14 GPM (53 l/min) at 10 PSI (0.69 bar) pressure drop.
- Can be ganged with other 144A DirectoValve control valves.
- 2.5 amp current draw.
- Polypropylene body for chemical resistance.
- Fabric reinforced diaphragms.

- Also available as 2- or 3-unit assembly.

### How to order:

To order, specify AA144A- then "1", "2" or "3" to indicate number of units.  
Example: AA(B)144A-3

AA144A-3  
(Three Unit)



MODEL NUMBER	INLET SIZE	OUTLET SIZE	CURRENT DRAW
AA(B)144A-*	3/4"	1/2"	2.5 amp

(B) = BSPT



AA145H

## AA145H Control Valves

- Flow Rate: 15 GPM (57 l/min) at 5 PSI (0.34 bar) pressure drop, 21 GPM (79 l/min) at 10 PSI (0.69 bar) pressure drop.
- Can be ganged with other 145H DirectoValve control valves.
- 2.9 amp current draw.
- Fiberglass reinforced Nylon body.

### How to order:

Specify part number.  
Example: AA145H-1

MODEL NUMBER	INLET SIZE	OUTLET SIZE	CURRENT DRAW
AA145H-1	1"	1"	2.9 amp