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.



AA144P-3 (Three Unit)

AA144P







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

AA144P DirectoValve Control Valves

- 10 GPM (37.9 l/min) flow with only 5 PSI (0.34 bar) pressure drop.
- 2.5 amp current draw.
- Polypropylene body for chemical resistance.
- Fabric reinforced Viton diaphragms and seat washers.

- EPDM diaphragms and seat washers, Viton[®] optional.
- Continuous flow through bypass connection, with flow to spray line controlled by valve "on-off" action.
- 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 Valve for Pressures up to 100 PSI (7 bar)

- 10 GPM (37.9 l/min) flow with only 5 PSI (0.34 bar) pressure drop.
- Can be ganged with other 144A DirectoValve control valves.
- 2.5 amp current draw.

MODEL NUMBER

- Polypropylene body for chemical resistance.
- Fabric reinforced diaphragms.
- Also available as 2- or 3-unit assembly.

How to order:

OUTLET SIZE

1/2"

How to order: Specify part number.

Example: AA145H-1

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

AA(B)144A-* ¾″

INLET SIZE

AA145H Control Valves

- For pressures to 100 PSI (7 bar); 15 GPM (56.7 l/min) flow with 5 PSI (0.34 bar) pressure drop.
- Can be ganged with other 145H DirectoValve control valves.
- 2.9 amp current draw.
- Fiberglass reinforced Nylon body.

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

99

CURRENT DRAW

2.5 amp

(B) = BSPT