



AA144P-1-3

### AA144P-1-3 DIRECTOVALVE CONTROL VALVES

The 144P-1-3 three-way solenoid-operated DirectoValve control valve was specifically designed to provide bypass control in spraying applications. When used with part number 23520-PP throttling valve or a 4916 metering orifice plate in the bypass line, it can provide for a constant pressure spray system.

- For pressure to 65 PSI .
- Flow Rate: 8 GPM at 5 PSI pressure drop, 11 GPM at 10 PSI pressure drop.
- Fabric-reinforced FKM diaphragms.
- Nylon encapsulated 12 VDC coil with ¼" Quick Connect terminals.
- Power requirement 2.5 AMP.
- Glass-filled polypropylene (black) valve body.
- Internal metal parts are stainless steel.
- No stroke adjustment needed.
- Corrosion resistant, 430SS solenoid grade armature and armature stop.



AA144P-3-3  
(Three Unit)

### AA144A-1-3 DIRECTOVALVE CONTROL VALVES

The three-way solenoid-operated DirectoValve control valve bypasses boom flow to maintain constant spraying pressure when one or more boom sections are shut off. To maintain pressure with a 23520 Throttling Valve, Outlet 2 must be throttled to match the total capacity of the nozzles on that boom section.

- For pressures to 65 PSI.
- Flow Rate: 8 GPM at 5 PSI pressure drop, 11 GPM at 10 PSI pressure drop.
- 2.5 AMP current draw.
- Encapsulated 12 VDC coil can be easily changed without removing valve from line.
- Polypropylene body for chemical resistance.
- Stainless steel internal metal parts.
- Chemical resistant EPDM diaphragms and seat washers.



AA144A-3-3  
(Three Unit)

MODEL NUMBER	NUMBER OF UNITS IN ASSEMBLY	SPRAY LINE CONNECTION	CONTINUOUS FLOW INLET BYPASS CONNECTION
AA(B)144P-1-3	1	½"	¾"
AA(B)144P-2-3	2	½"	¾"
AA(B)144P-3-3	3	½"	¾"
AA(B)144A-1-3	1	½"	¾"
AA(B)144A-2-3	2	½"	¾"
AA(B)144A-3-3	3	½"	¾"

(B) = BSPT



AA144A-1-3