

EVX ELECTRIC VALVES



EVX 1"



SMALLER

EVX FULL PORT MODELS ARE:

- Up to 35%% smaller
- Weigh 25% less

EVX 2"



SMARTER

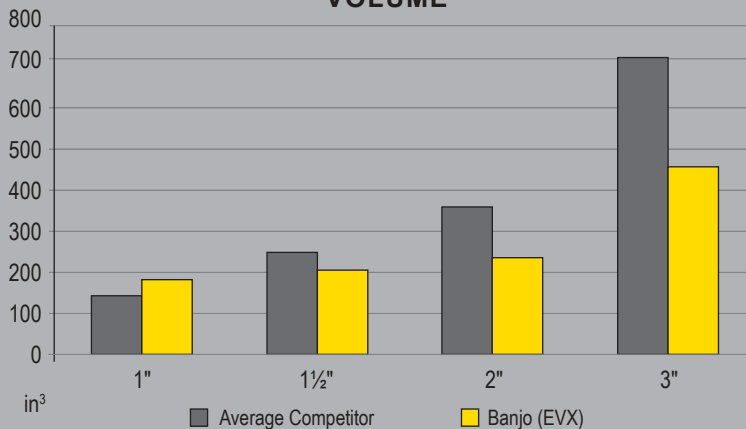
TRADITIONAL PROTOCOLS

- On/Off via White Wire Control
- Regulating 2W/4W

ADVANCED PROTOCOLS

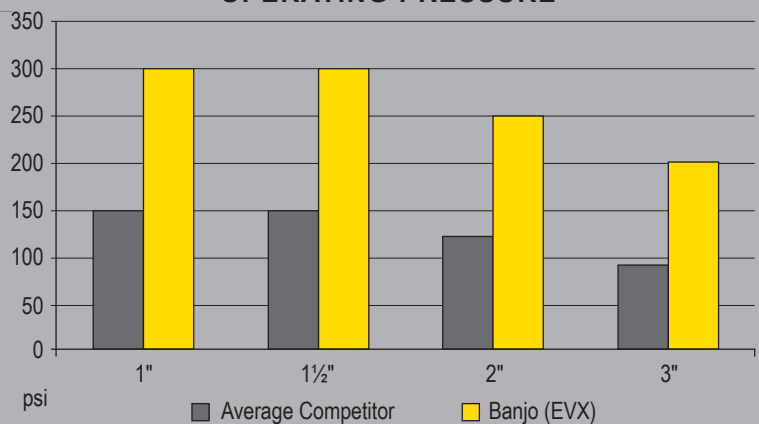
- On/Off/On 3 position options (bottom load)
- Proportional Control (input V drives rotation)
- Regulating with linear feedback
- CANBUS or CAN/ISO BUS

VOLUME



2018 data based on electric valves used in OEM Sprayers

OPERATING PRESSURE



EVX 3"



TOUGHER

NEW STANDARD FOR ELECTRIC VALVE TOUGHNESS

- Passes 18 separate durability torture tests
- Mechanical shock, vibration, extreme temperature, rain/shine, operating pressure, rigorous longevity tests

EVX PASSED SEVERE OEM TESTS

0°F to 150°F operating temperature range

Up to 300 PSI operating pressure

500,000 actuation cycle design

CE and RoHS Compliant



ACTUATOR FEATURES

- Solid-state reliability
- 12V DC standard, 24-volt available
- IP68 waterproof
- 0 to 150F (-29 to 65C) operating
- -67 to 221F (-55 to 105C) storage
- Actuator rated to 500,000 cycles
- 100G's shock rating

VALVE FEATURES

- Proprietary polypropylene ensures durability and enables precision tolerances
- Welded construction supports sleek, compact valve design while eliminating a leak point
- Threaded & manifold flange connections
- Bottom-located threaded inserts provide versatile mounting solution
- Banks of 1" EVX units available
- Open/closed indicator
- Valve rated to 50,000 cycles leak-free
- 316 stainless steel ball, stem, hardware
- Poly ball available (1" only)
- FKM stem seals
- Replacement valves & handle kits available
- **Option bolted-valves with same dimensions as legacy EV product line**

THE LATEST ADVANCEMENTS IN ELECTRIC VALVES ENGINEERED TO BANJO RELIABILITY STANDARDS.

EVX MODELS & OPTIONS

EVX STANDARD ON/OFF MODELS

SIZE		EVX WELDED VALVES		EVX BOLTED VALVES			LEGACY EV 2-WAY PART NUMBER
END PLATE TYPE	PORT SIZE	2-WAY	BOTTOM/SIDE LOAD	2-WAY	BOTTOM LOAD	SIDE LOAD	
¾" NPT	1"	X	X	EVX071	EVX075BL	EVX075SL	EV075
1" NPT	1"	EVX100	X	EVX101	EVX100BL	EVX100SL	EV100FP
1¼" NPT	1"	EVX125	X	EVX121	EVX125BL	EVX125SL	EV125
1½" NPT	1½"	EVX150	X	EVX151	EVX150BL	EVX150SL	EV150
2" NPT	1½"	EVX200	X	EVX201	EVX200BL	EVX200SL	EV200
2" NPT	2"	EVX220	X	EVX221	EVX220BL	EVX220SL	EV204FP
3" NPT	3"	EVX300	X	X	EVX300BL	X	EV300FP
M100	1"	MEVX100	X	MEVX101	MEVX100BL	MEVX100SL	MEV100CF
M200	1½"	MEVX200	X	MEVX201	MEVX200BL	MEVX200SL	MEV200CF
M220	2"	MEVX220	X	MEVX221	MEVX220BL	MEVX220SL	MEV220CF
M300	3"	MEVX300	X	X	MEVX300BL	X	MEV300CF

EVX AVAILABLE PROTOCOLS AND SELECT OPTIONS

PROTOCOLS AVAILABLE	DESCRIPTION	NO. OF WIRES	OPEN/CLOSE VERIFY WIRES	LEDS POWER/ FUSE	LEDS OPEN/ CLOSE VERIFY	LINEAR FEEDBACK
EVX	ON/OFF	3W-5W	OPTIONAL	STANDARD	OEM VERSIONS	N/A
EVX 2HOLE BL	ON/OFF/ON 3-POSITION	4W-5W	OPTIONAL	STANDARD	N/A	N/A
EVXR	4 WIRE REGULATING	4W	N/A	N/A	N/A	N/A
EVXR2W	2 WIRE REGULATING	2W	N/A	N/A	N/A	N/A
EVXS	PROPORTIONAL CONTROL	3W-5W	N/A	STANDARD	STANDARD	N/A
EVXR F4	REGULATING WITH LINEAR FEEDBACK	6W	N/A	STANDARD	STANDARD	STANDARD
EVXC	CANBUS, CAN/ISO BUS	4W	N/A	STANDARD	STANDARD	N/A

* WWC: ON/OFF units are actuated via voltage to a "white-wire" called white-wire control (WWC).

** OPEN/CLOSE VERIFY: Open-verify wire (F1), Close-verify wire (F2), or both (F3) are available.

*** Linear feedback available as 4-20mA (F4)



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scan this QR code or visit:

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