

ELECTRIC MOTOR OPERATED, LIQUID DELIVERY

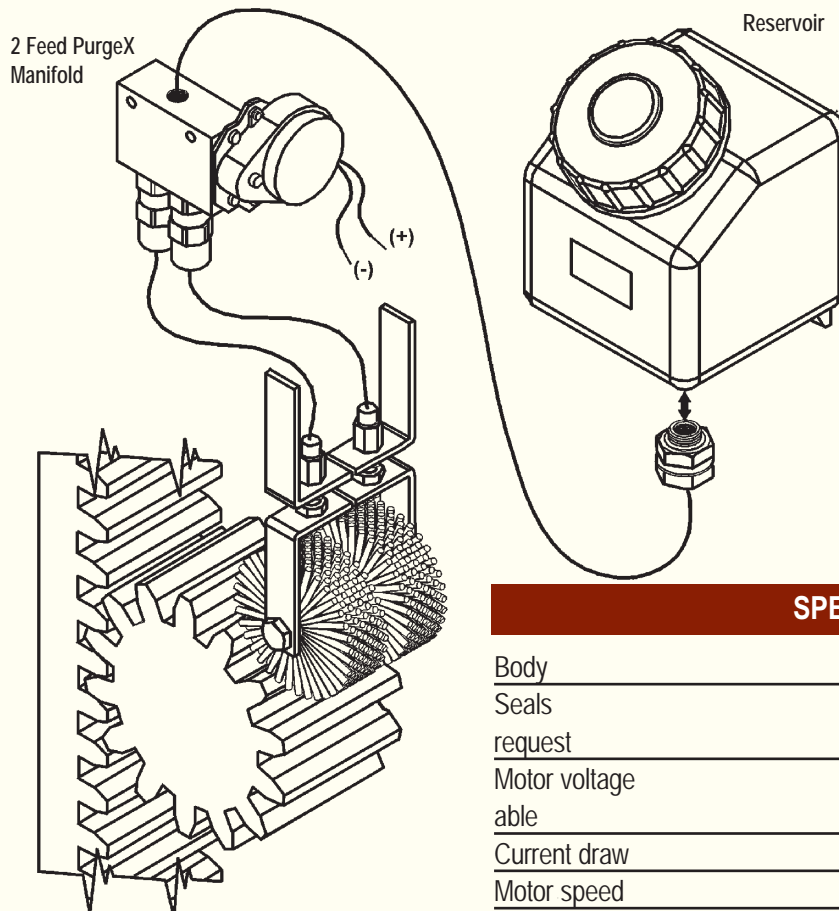
Electric motor operated versions of PurgeX® are used in applications where compressed air is not available or where direct interface to machine controls is desired. Lubrication cycles are easily synchronized to machine operation. Quality engineering and manufacturing provide simplicity of operation and reliability over long periods of time. Precise volumetric delivery is achieved with a positive displacement design and adjustment capability.

- With each complete revolution of the motor (RPM), one lubrication cycle occurs, dispensing a maximum of .009 cubic inches (.15 cc's), per feed point.
- Standard motor speed is one revolution per minute. Other motor speeds are available on request.
- Standard voltage is 110V/60hz and different voltages can also be supplied.
- For applications with multiple feed points, the PurgeX is supplied in a manifold with a common oil inlet port. Each PurgeX in the manifold operates as an individual pump, with a separate, internal adjustment for lubricant delivery per cycle.



B3429-2

TYPICAL INSTALLATION



In this lubrication application, using only a reservoir, a PurgeX pump, and nylon brushes, oil is delivered to a pinion gear. These brushes disperse the oil over the entire surface area of the gears.

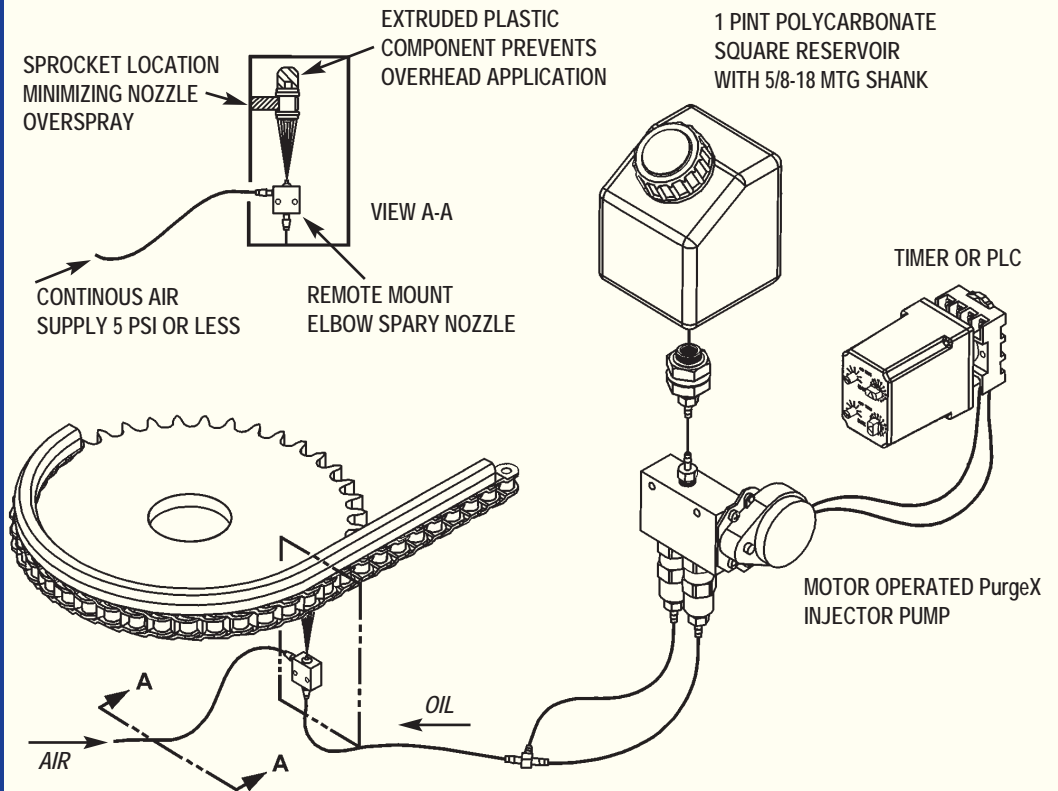
SPECIFICATIONS

Body	Anodized aluminum alloy
Seals	Buna-N, std. Other seals available on request
Motor voltage	110V/60hz std., other voltages available
Current draw	.025 amps at 110 volts
Motor speed	1 RPM std., other RPMs available
Liquid delivery per cycle	0 to .009 cu. in., adjustable
Ambient temperature range	-15° F to 120° F

HOW TO ORDER

1. Determine number of lubrication points and select corresponding PurgeX model with the correct number of feeds.
2. Select an oil reservoir with appropriate capacity.
3. Use machine controls or other remote signal to provide power to electric motor. (Cycle rate is continuous as long as power is supplied to the motor.)

See pages 18 and 19 for accessory model numbers



SELECTION CHART — 110V/60hz MOTOR VOLTAGE AND 1 RPM CYCLE SPEED

CATALOG NO.		NO. OF FEEDS	DIM. (IN.)		
W/ BRACKET	W/ ELEC. BOX		A	B	C
B3429-1	B3429-11	1	1-5/8	13/16	1-1/16
B3429-2	B3429-12	2	2-1/2	1-9/16	1-1/2
B3429-3	B3429-13	3	3-5/16	2-3/8	1-15/16
B3429-4	B3429-14	4	4-3/16	3-3/16	2-5/16

Options:

1. Viton Seals are available, consult factory.
2. Other AC and DC motor voltages are available, consult factory.
3. Other motor RPMs (cycle speeds) are available, consult factory for complete listing.

