

AIR OPERATED, SPRAY DELIVERY, FOR OIL AND GREASE

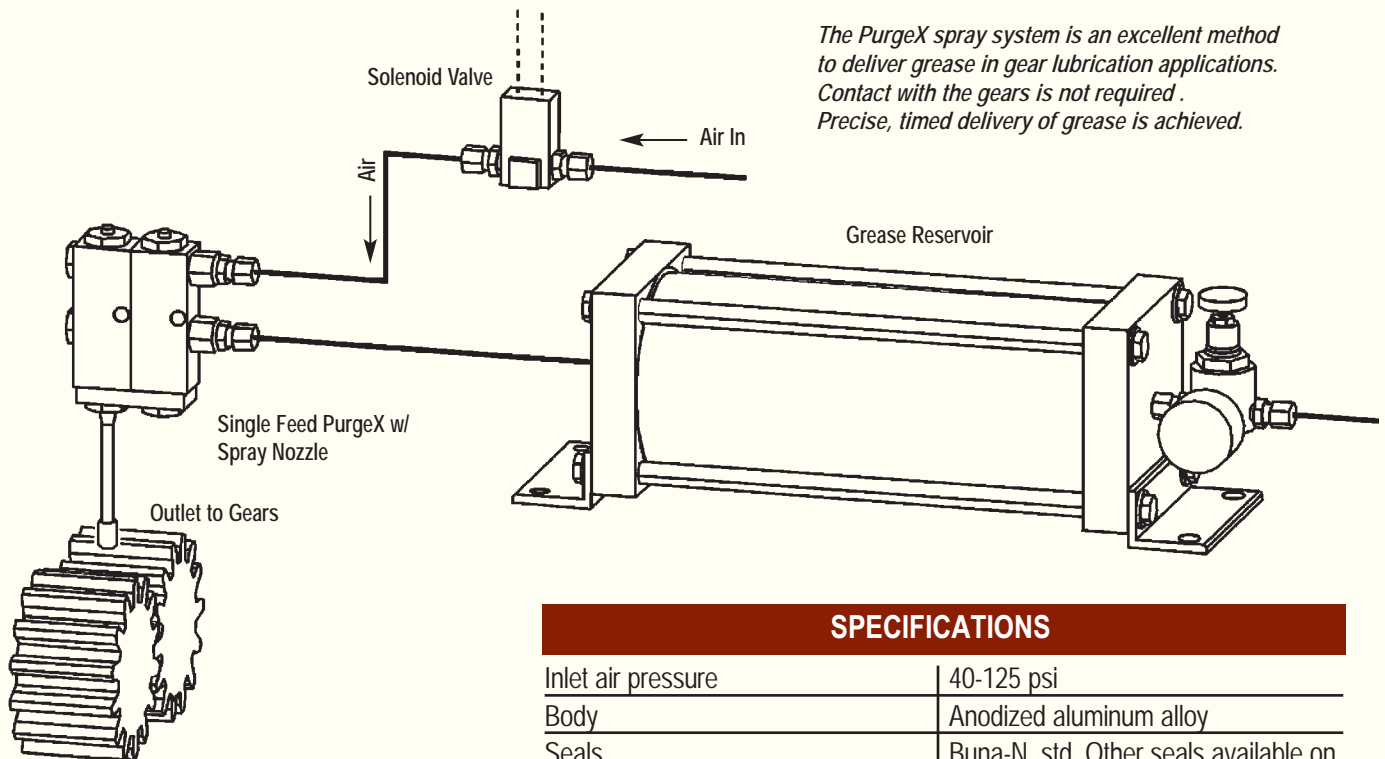
PurgeX® is an excellent way to spray both oil and grease at the desired point. Separate controls for both the air and lubricant delivery are provided. The lubricant and the air mix at the nozzle tip, to maximize delivery efficiency. Quality engineering and manufacturing provide simplicity of operation and reliability over long periods of time. Precise volumetric delivery is achieved with a positive displacement design and adjustment capability.

- Air pressure from 3-way solenoid valve begins lubrication cycle.
- When the air pressure is removed, the internal piston and evacuation valve retract, allowing oil or grease to enter the pumping chamber.
- A two-unit manifold is supplied for each feed point. One is for the air flow adjustment and the other is for the oil or grease delivery.
- For applications with multiple feed points, the PurgeX is supplied in a manifold with common air and oil/grease inlet ports, using the Threadapter® connector. Each PurgeX in the manifold operates as an individual pump with a separate adjustment for lubricant delivery per cycle.
- In oil delivery applications, the air operated design allows use in high cycle speed applications, delivering small amounts of oil per cycle.
- Integral 8 inch nozzle is supplied as standard, other lengths are available upon request.



B3559-101

TYPICAL INSTALLATION



The PurgeX spray system is an excellent method to deliver grease in gear lubrication applications. Contact with the gears is not required. Precise, timed delivery of grease is achieved.

SPECIFICATIONS

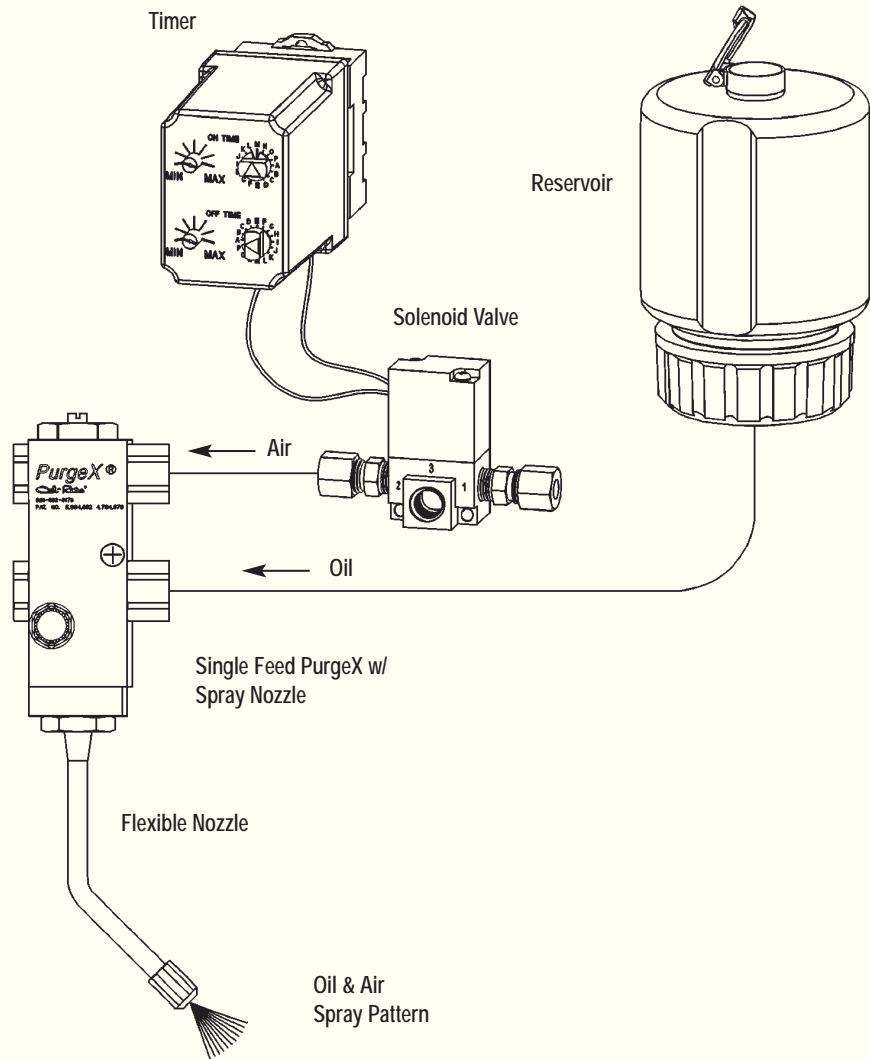
Inlet air pressure	40-125 psi
Body	Anodized aluminum alloy
Seals request	Buna-N, std. Other seals available on request
Liquid or grease delivery per cycle	0 to .012 cu. in., adjustable
Ambient temperature range	-15° F to 180° F
Piston ratio	9:1
Piston diameter and stroke	.250 diameter by .250 stroke (inches)
Nozzle length	8 inches std., other sizes available
Grease type	Grade 00, 0, 1, 2

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HOW TO ORDER

1. Determine number of lubrication points and select corresponding PurgeX model with the correct number of feeds.
2. Select an oil or grease reservoir with appropriate capacity.
3. Select a 3-way solenoid operated air valve to turn lubrication cycle on and off.
4. Select a timer or use machine controls to signal solenoid valve.

See pages 18 and 19 for accessory model numbers



SELECTION CHART

LIQUID SPRAY		GREASE SPRAY	NO. OF FEEDS	DIM. (IN.)
BUNA-N SEALS	VITON® SEALS			A
B3559-101	B3559-201	B3559-401	1	1-31/32
B3559-102	B3559-202	B3559-402	2	3-7/32
B3559-103	B3559-203	B3559-403	3	4-15/32
B3559-104	B3559-204	B3559-404	4	5-23/32
B3559-105	B3559-205	B3559-405	5	6-31/32
B3559-106	B3559-206	B3559-406	6	8-7/32

