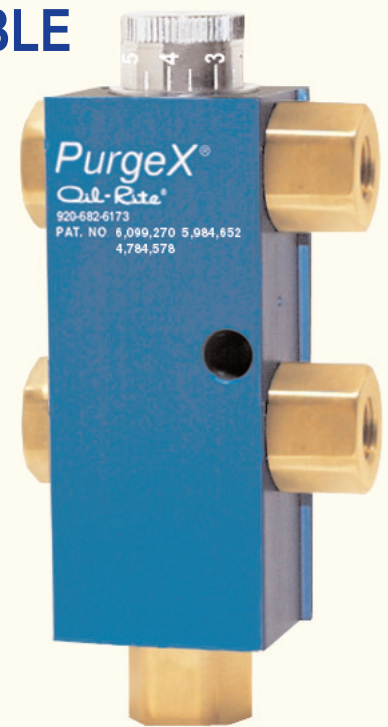


ULTRA-MICRO OUTPUT PurgeX® ADJUSTABLE AIR OPERATED, with 1/8" PISTON

The B3583 series of PurgeX® is air operated and designed for liquid or grease delivery. With ultra-fine adjustability, the single piece 1/8" piston allows precise metering of very small volumes of liquid or grease. The patented 1/8" version will help preserve our liquid supplies, dispense high cost synthetic lubricants more efficiently and aid in pollution prevention. 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.

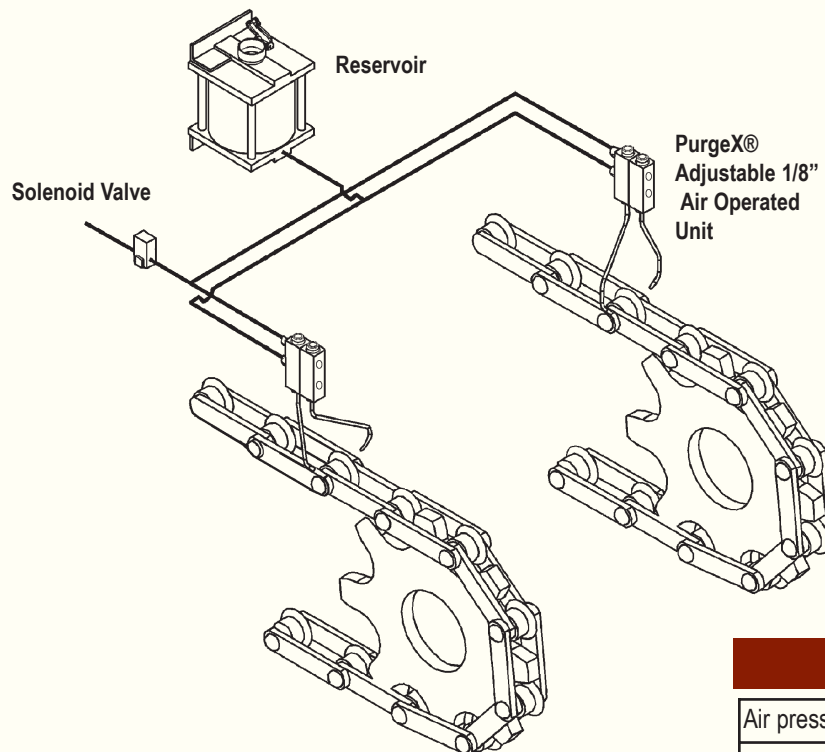
- Air pressure from 3-way solenoid valve begins lubrication cycle.
- High output pressures can be achieved due to a 25:1 ratio from air inlet to liquid outlet.
- Operation is simple. Liquid is pulled from a reservoir to the PurgeX® pump due to vacuum generated by pump. Reservoir location is not critical since each PurgeX® pump is a self-contained injector that can operate in any orientation.
- For applications with multiple feed points, the PurgeX® is supplied in a manifold with common air and liquid/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.
- PurgeX® with ultra-micro output can be used with a wide range of liquids or chemicals that demand critical flow control.



B3583

TYPICAL INSTALLATION

Installation for B3583 (Liquid)



In the application shown, PurgeX® with ultra-micro adjustment delivers precise amount of liquid to a chain lubrication system, eliminating the need for manual lubrication and extending chain life. The basic requirements include only a lubricant reservoir, 3-way solenoid valve, cycle timer or sequence signal, tubing and fittings.

SPECIFICATIONS

Air pressure	40-125 psi
Body	Anodized aluminum alloy (other materials available)
Seals	Buna-N & Viton® (other materials available)
Liquid/Grease delivery per cycle	0 to .0012 cu. in., adjustable
Temperature range	-15° F to 180° F
Piston ratio	25:1
Piston diameter & stroke	.125 dia. by .100 stroke (inches)
Grease type	Grade 00, 0, 1, 2

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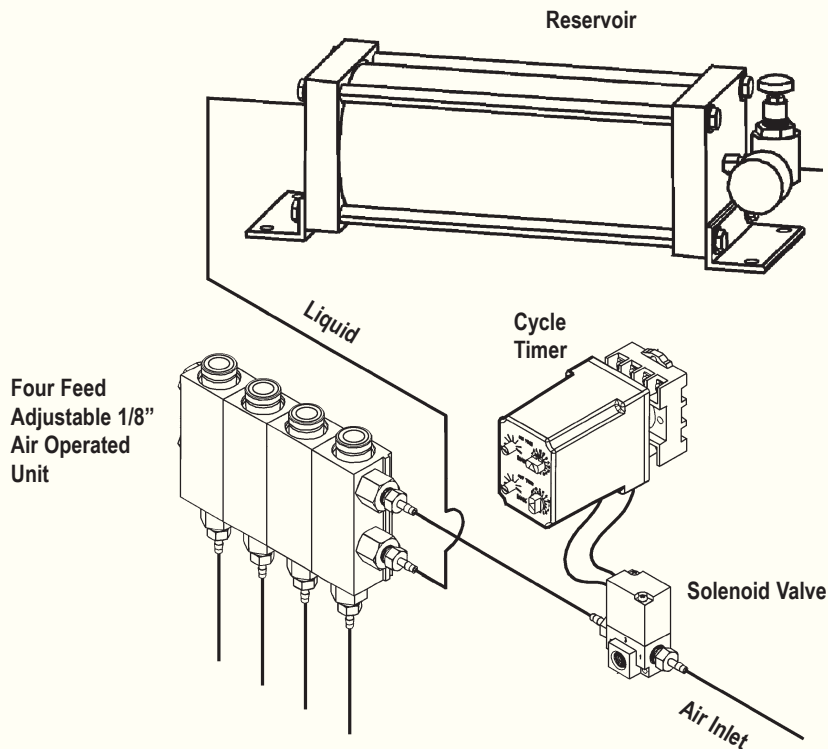
HOW TO ORDER

1. Determine number of lubrication points and select corresponding PurgeX® model with the correct number of feeds.
2. Select a 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.
5. Select tubing and fittings.

See pages 18 and 19 for accessory model numbers

Installation for B3583 (Grease)

In the application shown PurgeX® with ultra-micro adjustment delivers precise amount of grease to a lubrication system, eliminating the need for manual lubrication.



SELECTION CHART

Catalog Numbers		No. of Feeds	A Ref.
Buna-N Seals	Viton® Seals		
B3583-101	B3583-301	1	2
B3583-102	B3583-302	2	3-1/4
B3583-103	B3583-303	3	4-1/2
B3583-104	B3583-304	4	5-3/4
B3583-105	B3583-305	5	7
B3583-106	B3583-306	6	8-1/4
B3583-107	B3583-307	7	9-1/2
B3583-108	B3583-308	8	10-3/4
B3583-109	B3583-309	9	12
B3583-110	B3583-310	10	13-1/4
B3583-111	B3583-311	11	14-1/2
B3583-112	B3583-312	12	15-3/4

