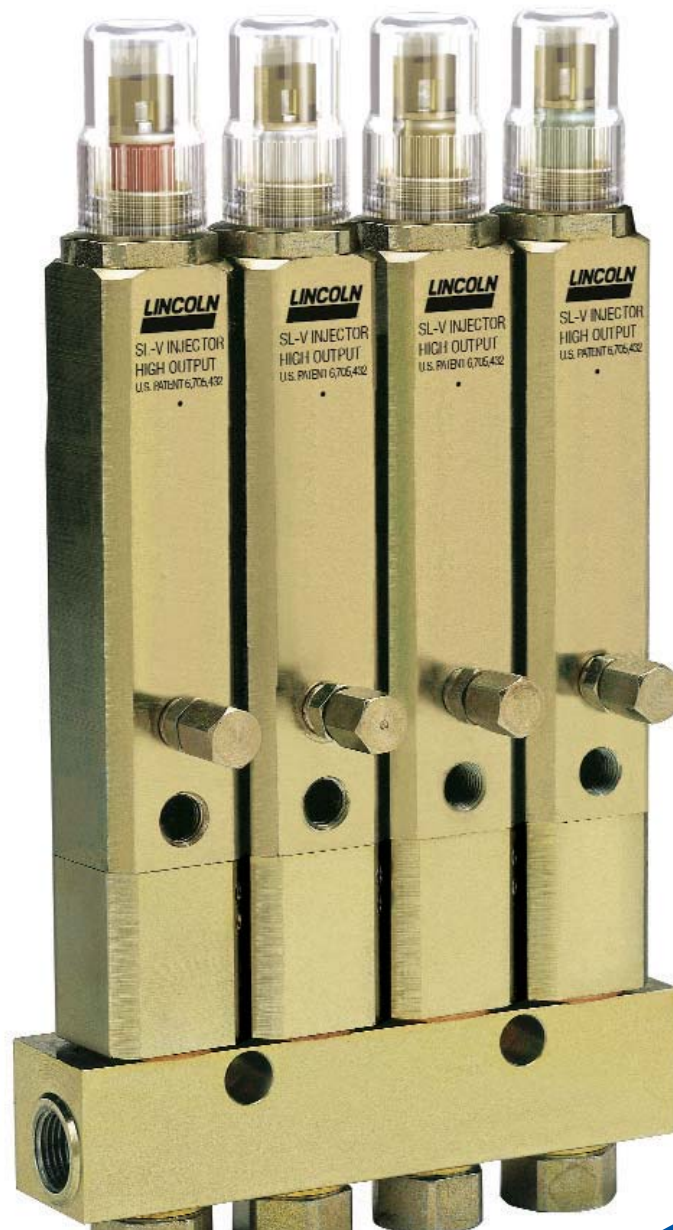


# The New SL-V XL High-Output Injector

Lincoln's Newest Member of the  
SL-V Injector Family Increases  
Output and Significantly Lowers  
Installation Cost



All of the features  
and benefits of the  
standard SL-V plus  
the ability to mount  
in the same manifolds  
as the SL-V and  
SL-1 injectors

Two SL-V XL  
injectors provide  
22% more output  
than one SL-11

One SL-V XL can  
replace more than  
three standard  
output injectors

Longer life for  
trouble-free  
performance

**TWO YEAR  
WARRANTY**

# Benefits of the SL-V XL



## Versatility

Two cross-ported SL-V XL injectors can deliver 22% more output than one standard high-output injector, plus installation is quicker and easier because of manifold mounting. Manifold mounting means greater flexibility because SL-V XL injectors can be installed along with, or in place of, SL-1 and SL-V injectors. This flexibility gives the user a choice to upgrade their systems all at once or as individual injectors are replaced.

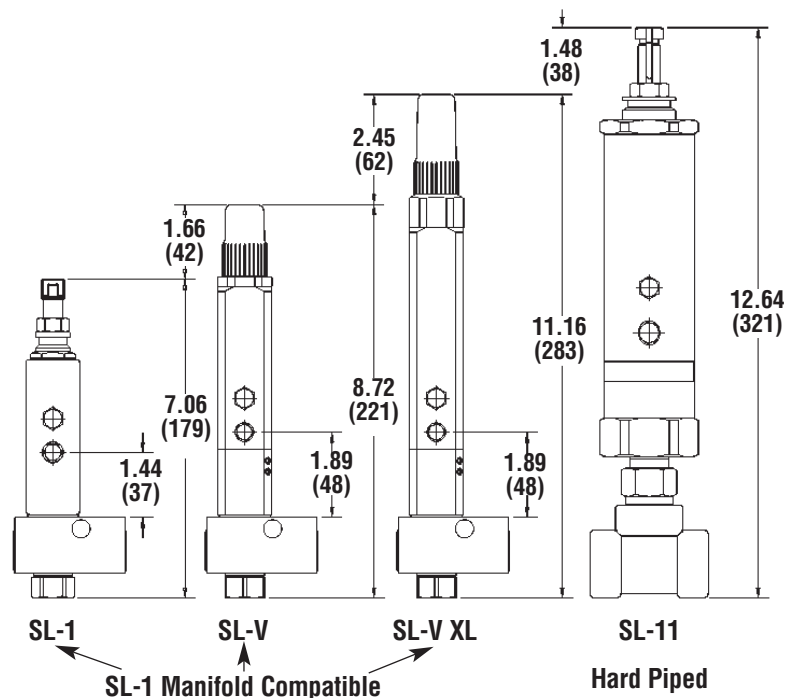
Additionally, the output of one SL-V XL injector is more than three times than that of a single standard injector, significantly reducing system and inventory costs.

Users also have an alternative to costly dual-line systems. Having more output (up to .305 in<sup>3</sup>/stroke), faster venting, and higher operating pressures, the SL-V XL performs like a dual-line system but with much less installation cost. Dual-line systems can utilize longer supply lines but have greater installation costs due to increased material and labor.

The SL-V XL vents as much as 80 times faster than other standard high-output injectors. It has a maximum operating pressure of 6,000 psi and vents at 1,000 psi allowing for less time between lube events. Standard injectors have a maximum pressure of 3,500 psi and vent at 600 psi. With the new, patented SL-V XL injector, using thicker grease, running longer or smaller supply lines, and eliminating grease change-outs in cold weather means increased performance with less cost.



Because the SL-V XL is a high-output injector, six new color-coded Spectrum Adjustment Sleeves have been added to the four standard sleeves available with the SL-V injector. These additional sleeves allow users to precisely set injector output for each lube event.



# Increase Your System's Performance With Patented SL-V Technology

## Visual Bypass Indicator

The visual bypass indicator alerts maintenance personnel when an internal seal is failing and needs replacement, saving costs and expensive downtime.

## Clear Polycarbonate Protective Cap

The water-tight, clear polycarbonate cap on the SL-V XL injector is O-ring sealed, UV resistant, and keeps abrasive dirt and dust away from the cycle pin indicator while allowing a fast confirmation of injector performance.

## Use Thicker Lubricants

Higher viscosity lubricants are almost always preferred for lubrication systems. Thicker greases stay in bearings longer and provide better protection against debris and washout. The SL-V XL has a 6,000 psi pressure capability and vents at 1,000 psi allowing higher viscosity lubricants to be used.

## Run Longer Supply Lines

The longer the supply line, the longer it takes the supply line pressure to vent, which potentially increases the minimum time between lube events. The SL-V's superior venting capability performs as well as dual-line systems with reduced plumbing cost.

## 100% Compatibility with the SL-1 and SL-V Injectors

All SL-V, SL-V XL and SL-1 injectors can be mounted in the same manifold. This means substantial cost and time savings because special mounting hardware (clamps, brackets, and fittings) and additional plumbing labor are no longer needed for large lubrication applications.



SL-V and SL-V XL injectors mounted in a standard Lincoln manifold

## SL-V XL Saves . . .

### Materials:

- ✓ **No Extra Fittings**
- ✓ **No Extra Inventory**

### Labor:

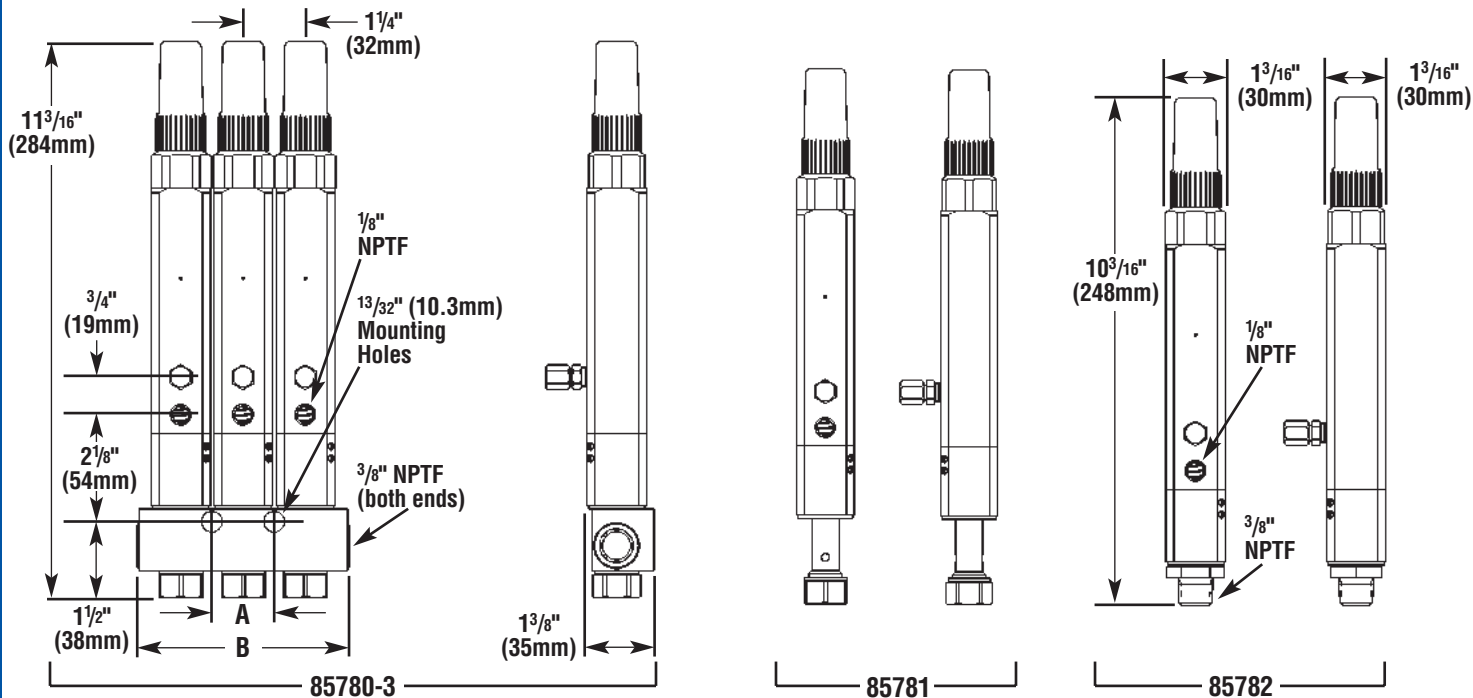
- ✓ **Half the Installation Time**
- ✓ **No Custom Fabrication**
- ✓ **SL-V XL is Pre-Mounted and Tested**

### Replacement Costs:

- ✓ **Longer Life, Higher Performance Backed by a Two-Year Warranty**

**SL-V XL  
Installation  
is Faster,  
Less Costly,  
and More  
Efficient**

# Technical Specifications



## Specifications:

Series	Material	Output in <sup>3</sup> (cc)		Operating Pressure				Connections	
		Min	Max	Min	Max	Typical	Vent	Manifold Inlet	Injector Outlet
SL-V XL	Carbon Steel	0.015 (0.25)	0.305 (5.00)	1850 psig 128 bar	6000 psig 413 bar	2500 psig 172 bar	1000 psig 69 bar	3/8\" NPTF(F)	1/8\" NPTF(F)

Note: Two SL-V XL Injectors are required to replace one SL-11 Injector

## Manifold-Type Injectors:

Model	Type	Number of Outlets	Dimension A		Dimension B	
			in.	mm	in.	mm
85780-1	One Injector Manifold	1	Single Mounting Hole		2 1/2	63
85780-2	Two Injector Manifold	2	Single Mounting Hole		3	76
85780-3	Three Injector Manifold	3	1 1/4	32	4 1/4	108
85780-4	Four Injector Manifold	4	2 1/2	63	5 1/2	140
85780-5	Five Injector Manifold	5	3 3/4	95	6 3/4	171
85780-6	Six Injector Manifold	6	5	127	8	203
85781	Replacement for Manifold Injectors					
85782	Single Injector/No Manifold (3/8\" NPTF(M) inlet)					

## Spectrum Adjustment Sleeves:

Model Number (10/bag only)	Output in <sup>3</sup> (cc)	Ratio from Minimum Output	Ratio from Maximum Output	Sleeve Color
N/A	0.015 (0.25)	1	0.05	NA
85785-1	0.030 (0.50)	2	0.10	red
85785-2	0.045 (0.75)	3	0.15	silver
85785-3	0.060 (1.00)	4	0.20	gold
85785-4	0.075 (1.25)	5	0.25	green
85785-5	0.113 (1.88)	7.5	0.37	black
85785-6	0.150 (2.50)	10	0.50	purple
85785-7	0.188 (3.13)	12.5	0.62	blue
85785-8	0.225 (3.75)	15	0.75	orange
85785-9	0.263 (4.38)	17.5	0.87	brown
85785-10	0.300 (5.00)	20	1.00	yellow



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