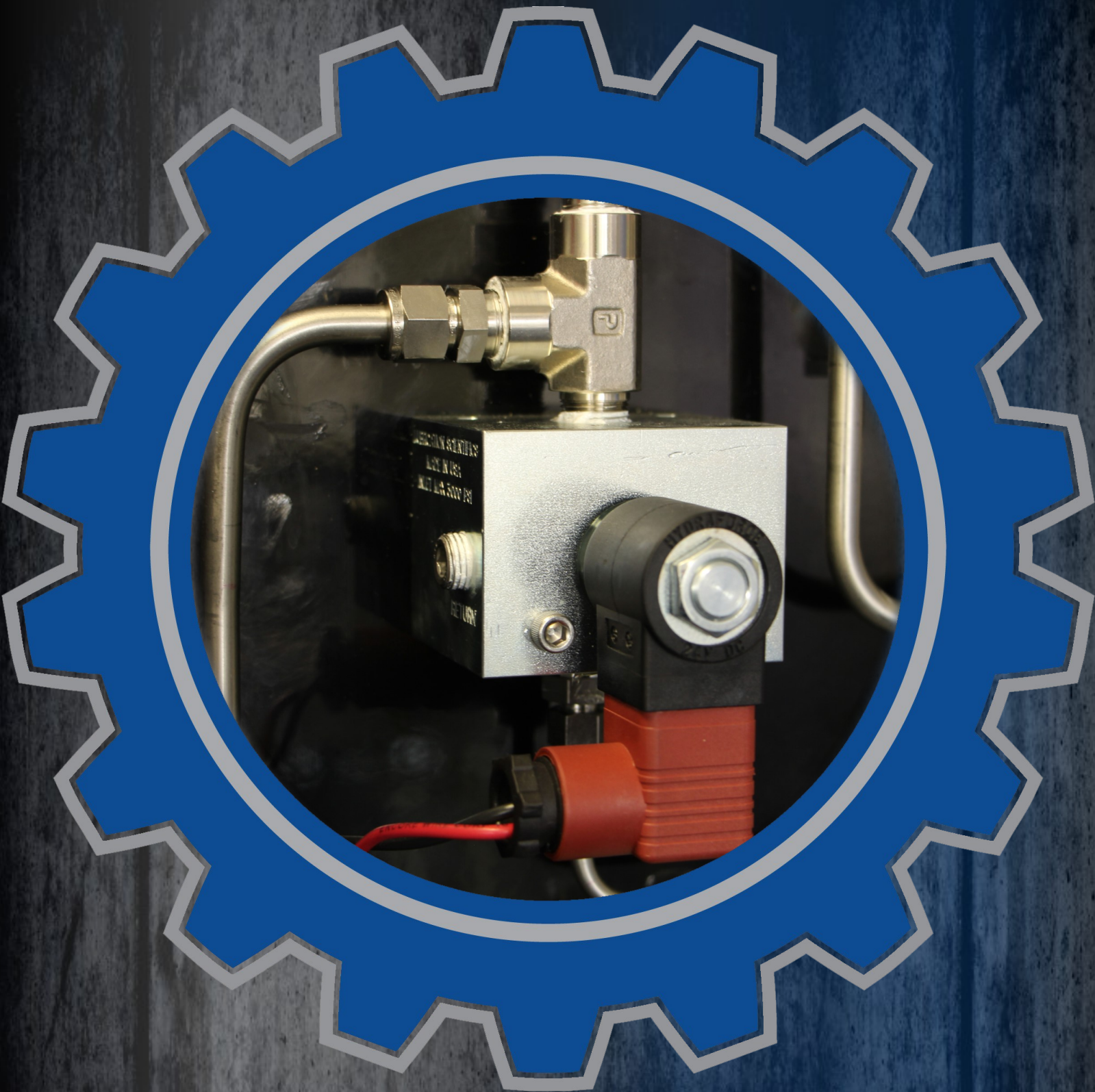


# LUBRICATION SCIENTIFICS, LLC

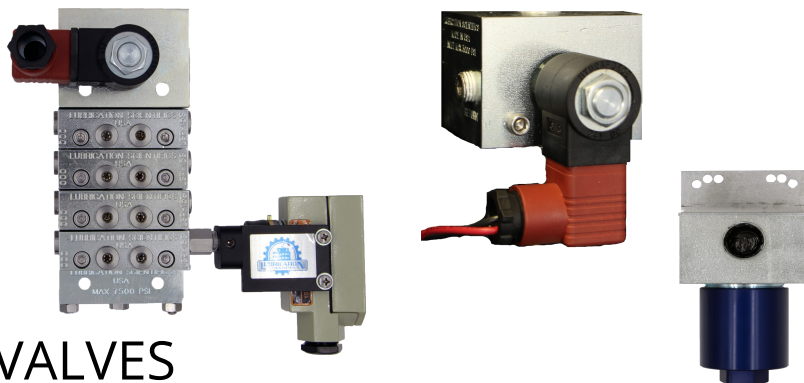
THE RIGHT PRODUCTS. THE RIGHT VALUES. THE RIGHT CHOICE.



## ZONING & VENTING DEVICES

SHUNT INLETS—ELECTRIC ZONE VALVES—PNEUMATIC & HYDRAULIC VENT VALVES





## SHUNT INLETS & ZONE VALVES

### PRODUCT DESCRIPTION

SOLENOID-OPERATED, DIRECT ACTING, HYDRAULIC 3-WAY DIRECTIONAL VALVE

ALLOWS LUBRICANT TO ENTER A DIVIDER VALVE, BYPASS A DIVIDER VALVE, OR RETURN LUBRICANT BACK TO THE RESERVOIR

ROBUST SOLENOID DESIGN TO ENSURE VALVE CLOSURE FROM OIL TO #2 GREASE IN HARSH & COLD TEMPERATURE CONDITIONS

PERFECT FOR ZONING AREAS WITH DIFFERENT LUBRICATION REQUIREMENTS

### BENEFITS & FEATURES

3 FUNCTION ELECTRIC DIRECTIONAL VALVES

POSITIVE VALVE CLOSURE, EVEN IN COLD TEMPERATURES

24 VDC & 115 VDC DRIVEN SOLENOID

ALLOWS FOR ZONING OF LARGE SYSTEMS FED BY A SINGLE PUMP & RESERVOIR

SAE, & NPTF CONNECTIONS AVAILABLE

CARBON STEEL, 303, & 316 STAINLESS STEEL INLETS AVAILABLE

## READY FOR IMMEDIATE SHIPMENT

MADE IN

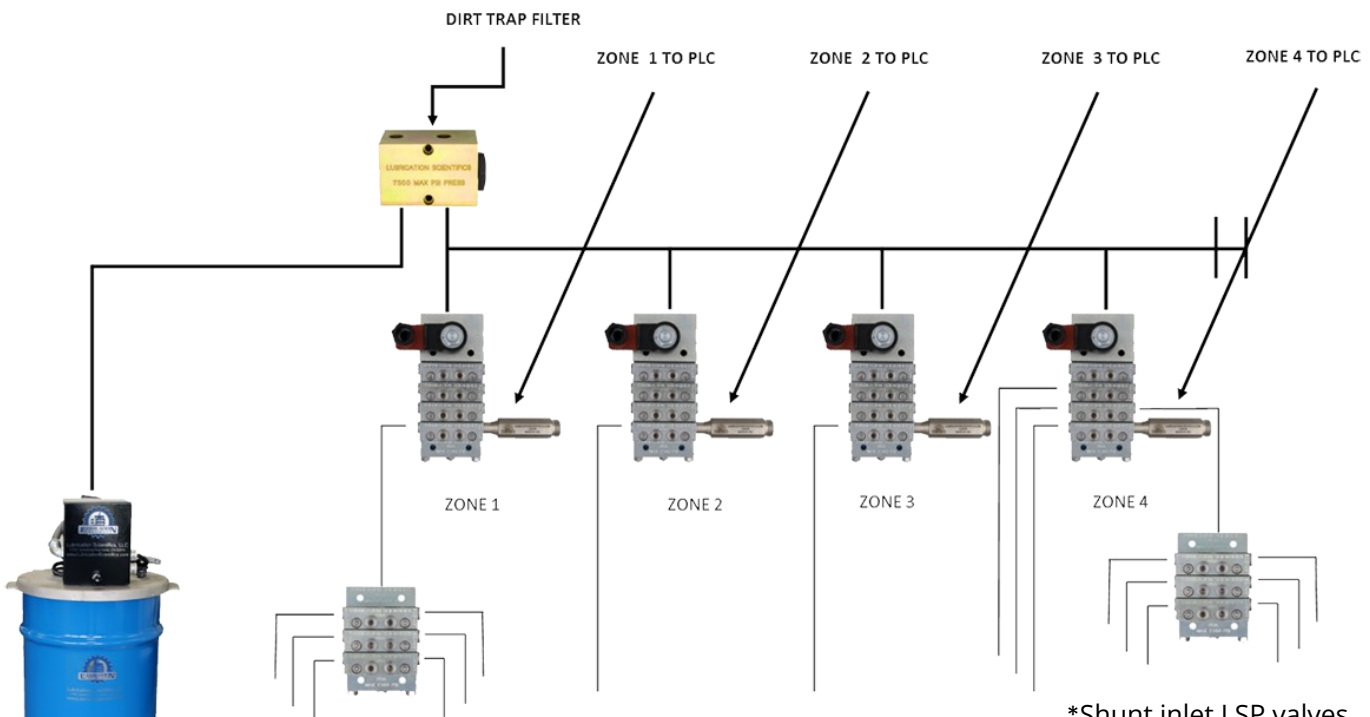


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## 4 ZONE SYSTEM UTILIZING SHUNT INLET ILLUSTRATION

### EXAMPLE SERIES DIAGRAM

1. PLC TURNS ON PUMP
2. PLC OPENS ZONE 1
3. WHEN ZONE 1 COUNT SIGNAL IS RECEIVED, PLC CLOSSES ZONE 1 & OPENS ZONE 2.
4. REPEAT FOR ZONES 2 THROUGH 4



Shunt inlets can be programmed through the PLC to function independently from each other for maximum system flexibility. While the example above shows a simple series operation, another example may be that only zone 3 opens for a specified count, then zones 1, 2, & 4 open for some specified count. The options and versatility in designing systems using Shunt Inlets are limitless.

\*Shunt inlet LSP valves can be used as master valves feeding secondary valve & servicing up to 400 lube points per zone.

## SHUNT INLET VALVES

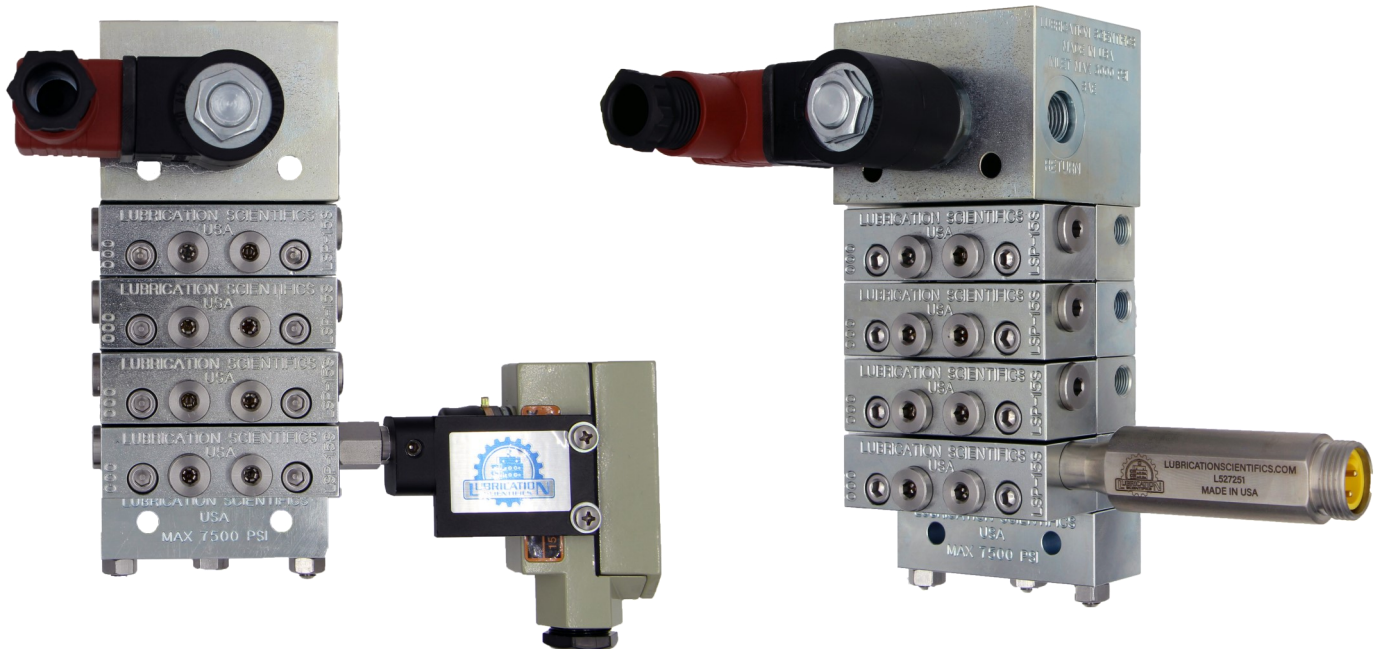
3 FUNCTION—ELECTRIC VALVE

FUNCTIONS INCLUDES LUBRICANT TO EITHER:

ENTER VALVE, BYPASS VALVE, OR REVERT BACK TO TANK

**STANDARD PACK: 1 EACH**

PART DESCRIPTION	POWER	THREAD STYLE	NORMALLY OPEN/ CLOSED	CARBON STEEL	303 STAINLESS	316 STAINLESS
LSP SHUNT INLET	115 VAC	1/4-18 NPSF	CLOSED	L527660-NC-000	L527660-NC-303	L527660-NC-316
LSP SHUNT INLET	115 VAC	9/16-18 SAE	CLOSED	L527760-NC-000	N/A	N/A
LSP SHUNT INLET	115 VAC	1/4-18 NPSF	OPEN	L527660-NO-000	L527660-NO-303	L527660-NO-316
LSP SHUNT INLET	115 VAC	9/16-18 SAE	OPEN	L527760-NO-000	N/A	N/A
LSP SHUNT INLET	24 VDC	1/4-18 NPSF	CLOSED	L527680-NC-000	L527680-NC-303	L527680-NC-316
LSP SHUNT INLET	24 VDC	9/16-18 SAE	CLOSED	L527780-NC-000	N/A	N/A
LSP SHUNT INLET	24 VDC	1/4-18 NPSF	OPEN	L527680-NO-000	L527680-NO-303	L527680-NO-316
LSP SHUNT INLET	24 VDC	9/16-18 SAE	OPEN	L527780-NO-000	N/A	N/A





## ELECTRIC ZONE VALVES

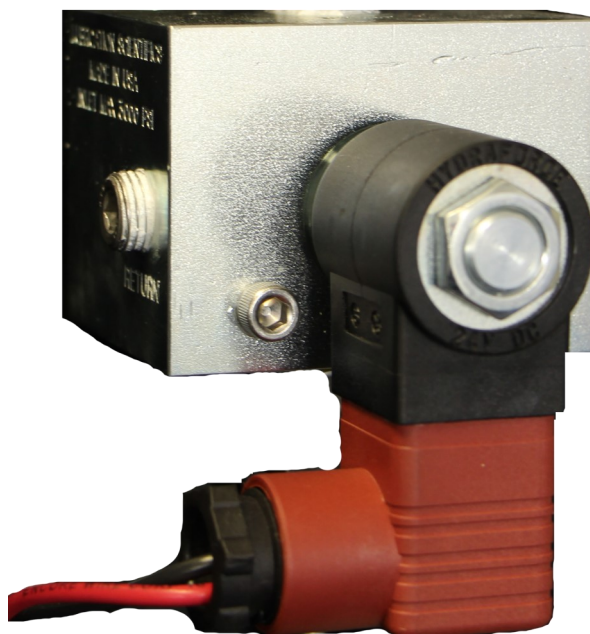
3 FUNCTION—ELECTRIC ZONE VALVE

FUNCTIONS INCLUDES LUBRICANT TO EITHER:

ENTER VALVE, BYPASS VALVE, OR REVERT BACK TO TANK

**STANDARD PACK: 1 EACH**

PART DESCRIPTION	POWER	CARBON STEEL	303 STAINLESS	316 STAINLESS
ELECTRIC VENT VALVE (ZONE VALVE)	24 VDC NORMALLY OPEN	LZV527680-NO-000	LZV527680-NO-303	LZV527680-NO-316
ELECTRIC VENT VALVE (ZONE VALVE)	24 VDC NORMALLY CLOSED	LZV527680-NC-000	LZV527680-NC-303	LZV527680-NC-316
ELECTRIC VENT VALVE (ZONE VALVE)	115 VAC NORMALLY OPEN	LZV527660-NO-000	LZV527660-NO-303	LZV527660-NO-316
ELECTRIC VENT VALVE (ZONE VALVE)	115 VAC NORMALLY CLOSED	LZV527660-NC-000	LZV527660-NC-303	LZV527660-NC-316



## PNEUMATIC & HYDRAULIC VENT VALVES

MAY BE USED FOR PNEUMATIC OR HYDRAULIC ZONING. FOR INFORMATION OR SYSTEM DESIGN CONCEPTS, CONTACT LUBRICATION SCIENTIFICS.

STANDARD PACK: 1 EACH				
PRODUCT DESCRIPTION	NOTES	CARBON STEEL	303 STAINLESS	316 STAINLESS
PNEUMATIC VENT VALVE MIN AIR/MAX AIR PSI: 40/120PSI-3/8 BAR (NO PRESSURE RELIEF VALVE INCLUDED)	INLET 3/4" NPSF (F) OUTLET 3/4" NPSF (F) VENT PORT 1/4-18" NPSF (F) MAX LUBE PRESSURE 4000 PSI INCLUDES MOUNTING BRACKET	LSL-VV-000P	LSL-VV-303P	LSL-VV-316P
PNEUMATIC VENT VALVE KIT MIN AIR/MAX AIR PSI: 40/120PSI-3/8 BAR (WITH 4000 PSI PRESSURE RELIEF VALVE INCLUDED IN KIT)		LSL-VV-000P-SRV	LSL-VV-303P-SRV	LSL-VV-316P-SRV
HYDRAULIC VENT VALVE HYDRAULIC MIN/MAX PSI: 300/450PSI-21/31 BAR (NO PRESSURE RELIEF VALVE INCLUDED)		LSL-VV000H	LSL-VV303H	LSL-VV316H
HYDRAULIC VENT VALVE KIT HYDRAULIC MIN/MAX PSI: 300/450PSI- 21/31 BAR (WITH 4000 PSI/276 BAR PRESSURE RELIEF VALVE INCLUDED IN KIT)		LSL-VV-000H-SRV	LSL-VV-303H-SRV	LSL-VV-316H-SRV
24VDC ELECTRIC VENT VALVE HIGH PRESSURE/FLOW	5000 PSI/345 BAR	LSL-VV-000-E24-HPHF	N/A	N/A
CARTRIDGE VALVE ASSY, 3 WAY DIRECT ACTING SOLENOID	REPLACEMENT CATRIDGE	LZVDWDAXAV924	N/A	N/A
SAFETY RELIEF VALVE	4000 PSI/276 BAR, 1/8 NPTF INLET	N/A	SRV-303-125-4000	SRV-316-125-4000
SAFETY RELIEF VALVE	4000 PSI/276 BAR, 1/4 NPTF INLET	N/A	SRV-303-250-4000	SRV-316-250-4000
VENT VALVE SEAL KIT—PNEUMATIC	REBUILD KIT	LSL-VVRK-P		
VENT VALVE SEAL KIT—HYDRAULIC	REBUILD KIT	LSL-VVRK-H		
VENT VALVE MOUNTING BRACKET	REPLACEMENT BRACKET	LSL-BRKT-KIT		



**PNEUMATIC/HYDRAULIC VENT VALVE**  
MAX SYSTEM PRESSURE: 4000 PSI



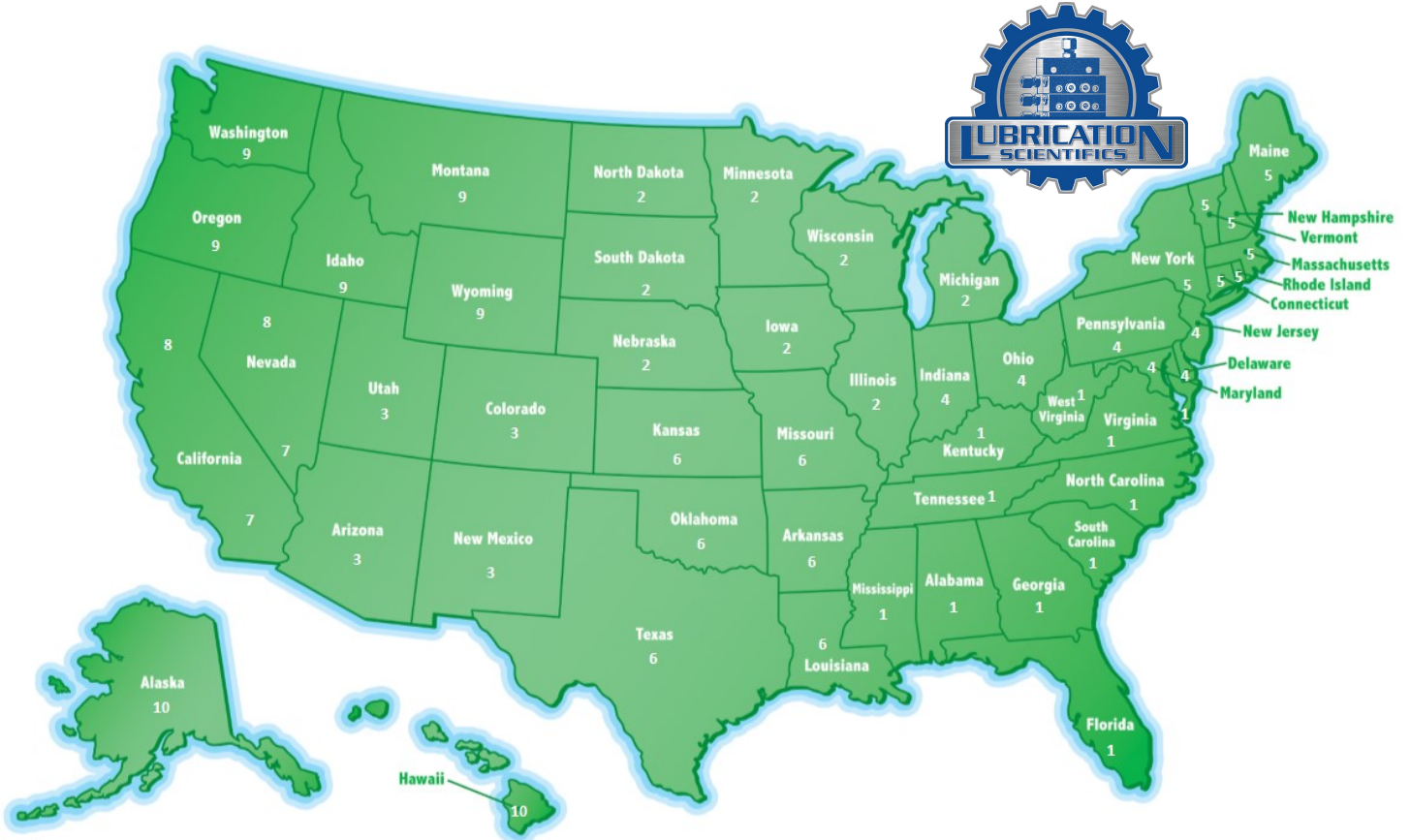
**HIGH PRESSURE/FLOW 24VDC ELECTRIC VENT VALVE**  
MAX SYSTEM PRESSURE: 5000 PSI

\*PICTURED WITH OPTIONAL LPRVM RELIEF VALVE W/MEMORY

### **NOTES**


CONTACT US

IN THE USA, FIND YOUR STATE IN THE MAP BELOW, LOOK FOR THE REGION ID NUMBER AND FIND THAT NUMBER IN THE CONTACT INFORMATION CHART.



CONTACT INFORMATION CHART

1	Call Factory Direct - 877-452-0157
2	David Donahue Cell: 414-507-9513 Email: d.donahue@lubricationscientifics.com
3	Bernie Sauve + El Paso Texas Cell: 210-702-9930 Email: bernie@lubricationscientifics.com
4	Andy Kromer Cell: 440-364-4721 Email: akclub@lubricationscientifics.com
5	Call Factory Direct - 877-452-0157
6	Cory Walker Cell: 832-585-7065 Email: c.walker@lubricationscientifics.com

Outside of the United States	Call Factory Direct - 877-452-0157
7	Richard Hanley - <b>California</b> - Santa Barbara, Ventura, Los Angeles, Orange, San Bernardino, Riverside, San Diego and Imperial Counties. <b>Nevada</b> - Clark County. Cell: 714-625-5539 Email: rth@lubricationscientifics.com
8	<b>California</b> - All Counties not covered by Richard. <b>Nevada</b> - All Counties except Clark County. Call Factory Direct - 877-452-0157
9	Call Factory Direct - 877-452-0157
10	Call Factory Direct - 877-452-0157



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LUBRICATION SCIENTIFICS, LLC

17651 ARMSTRONG AVE.

IRVINE, CA 92614

UNITED STATES OF AMERICA

TOLL FREE TEL: (877) 452-0157, LOCAL TEL: (714) 557-0664, FAX: (714) 546-4564

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