

# PRECISION METERING PUMP SYSTEMS- MOTOR OPERATED, PANEL MOUNTED

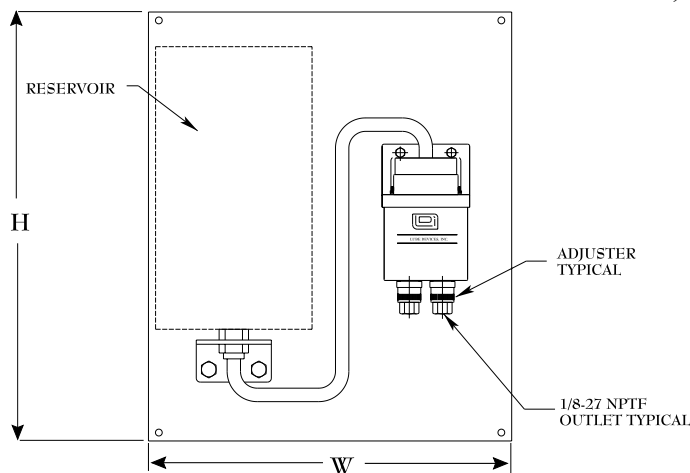
These "quick install" cost effective Centralized Lubrication Systems are pre-assembled with compatible components to minimize specification, purchasing and installation time. The automatic lubrication systems operate on a 120V, 60Hz 1Ph electrical supply for the motor. The systems are sized to meet most lubrication requirements where a compressed air supply is not available. Each feed pump is independently and externally adjustable 0 to .012 cu in (0 to .197 cu cm) by using a fine micrometer thread .025 (.572mm) pitch adjustment. Each feed pump will actuate once per minute of motor run time.

### STANDARD MATERIALS:

- Aluminum, Brass, Steel, transparent polymer
- Buna N & Viton seals
- Nema compliant panels
- For additional component information see Bulletins F1837-2, F357-7, F1867-1 & F1867-2

### OPERATING CONDITIONS:

- Maximum operating temperature up to 120°F (48.9°C)  
Minimum operating temperature 0°F (-17.7°C) oil
- Minimum operating temperature 32°F (0°C), grease
- Maximum output pressure up to 50 PSIG (345 kPa)
- 120V, 60Hz, 4 W



**\*Caution:** When using grease both the PMP100 Series and PMP200 Series Precision Metering Pumps are capable of dispensing nearly all types and grades of grease used in most general industrial, indoor or controlled temperature applications of 32°F (0°C) or above. The combination of higher viscosities, ambient temperatures lower than 32°F (0°C), excessively long runs of output feed lines, along with the type and use of smaller inside diameter feed lines, will have an effect on the feed rate and output capabilities of these pumps.

### MODIFICATIONS AVAILABLE MADE TO ORDER - CONSULT OUR FACTORY

FOR OIL APPLICATION				
CAT NO.	RES CAP	NO OF FEEDS	NEMA PANEL W x H	O. A. DEPTH
PMP440-01	1 QT.	1	10.88" X 12.75"	4.75"
PMP440-02	1 QT.	2		
PMP440-03	1 QT.	3		
PMP440-04	1 QT.	4		
PMP460-01	.5 GAL	1	10.88" X 12.75"	6.00"
PMP460-02	.5 GAL	2		
PMP460-03	.5 GAL	3		
PMP460-04	.5 GAL	4		

*FOR GREASE APPLICATION				
CAT NO.	RES CAP	NO OF FEEDS	NEMA PANEL W x H	O. A. DEPTH
PMP430-01	75 CU IN	1	10.88" X 12.75"	7.00"
PMP430-02	75 CU IN	2		
PMP430-03	75 CU IN	3		
PMP430-04	75 CU IN	4		
PMP450-01	168 CU IN	1	12.88" X 14.75"	7.00"
PMP450-02	168 CU IN	2		
PMP450-03	168 CU IN	3		
PMP450-04	168 CU IN	4		
PMP490-01	14 OZ CART. ADAPT.	1	8.88" X 14.75"	4.00"
PMP490-02		2		
PMP490-03		3		
PMP490-04		4		

PRECISION METERING PUMP SYSTEMS  
MOTOR OPERATED, PANEL MOUNTED  
9/06 **BULLETIN F1837-4**  
ISO9001:2000 CERTIFIED



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