

# PRECISION METERING PUMP SYSTEMS- AIR OPERATED, NEMA BOX MOUNTED

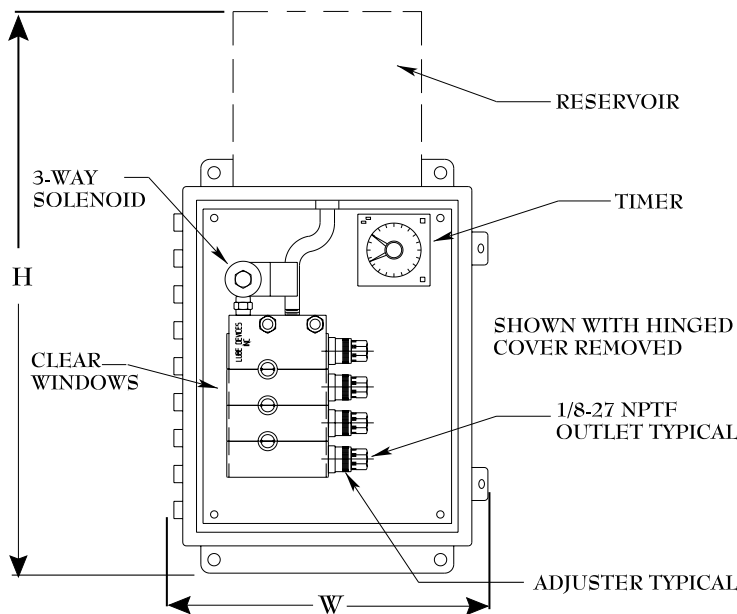
These "quick install" cost effective Centralized Lubrication Systems are pre-assembled with compatible components to minimize specification, purchasing and installation time. The automatic lubrication systems operate on 25 to 125 PSIG regulated & filtered shop air and a 120V, 60Hz 1Ph electrical supply for the included dual adjustable Repeat Cycle Timer and 3-Way Solenoid Valve. The systems are sized to meet most lubrication requirements. Each pump outlet 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.

**STANDARD MATERIALS:**

- Aluminum, Brass, Steel, transparent polymer
- Buna N & Viton seals
- Painted Steel Nema Type 12 & 13 Box
- For additional component information see Bulletins F1837-1, 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 300 PSIG (2068 kPa)



*\*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	W x H	O. A. DEPTH
PMP540-04	1 QT.	4	9.00" X 18.00"	6.38"
PMP540-06	1 QT.	6		
PMP540-08	1 QT.	8		
PMP560-06	.5 GAL	6	9.00" X 20.12"	
PMP560-08	.5 GAL	8		
PMP560-12	.5 GAL	12		

*FOR GREASE APPLICATION				
CAT NO.	RES CAP	NO OF FEEDS	W x H	O. A. DEPTH
PMP530-02	75 CU IN	2	9.00" X 19.80"	6.56"
PMP530-04	75 CU IN	4		
PMP530-06	75 CU IN	6		
PMP550-02	168 CU IN	2	9.00" X 24.55"	
PMP550-04	168 CU IN	4		
PMP550-06	168 CU IN	6		

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**7/06 BULLETIN F1837-5**

**ISO9001:2000 CERTIFIED**