Power Units (Industrial)

D-Pak 5 Gallon

D-Pak style power units are ideal for many industrial applications. The space saving vertical style units are available with gear pumps and are designed for quiet and leak-free operation. Standard Parker filtration on each unit will help ensure a long service life.

Power Unit Performance Data

Model Series	Tank (Gal)	Pump Flow, GPM (LPM) @ 1725 RPM	Electric Motor HP (KW)	Maximum Pressure PSI (BAR)
D-Pak	5	0.9 - 2.7 (3.4 - 10.2)	0.5 - 3 (0.37 - 2.24)	3000 (210)

Markets	Applications
Industrial	Presses, Shears, Test Equipment, Simulators

Features

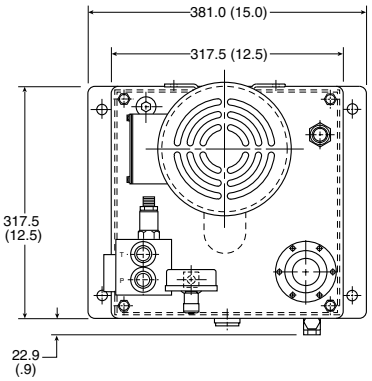
- Vertical design
- Submerged pump
- Spare return ports
- Precision pump mounting adapters
- Suction strainer
- Glycerine filled pressure gage with shut off
- Oil level gage with thermometer
- Relief valve
- Breather and fill cap
- SAE drain plug
- Parker connector technology

Benefits

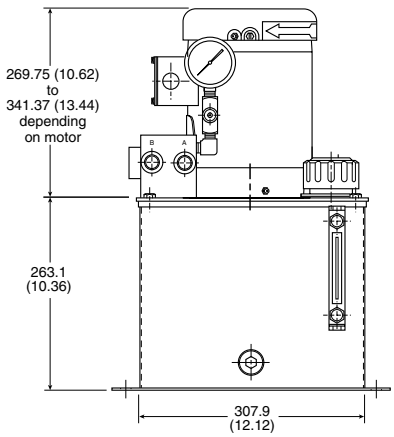
- Saves floor space
- Quieter operation, elimination of potential leak point
- Longer pump life
- Protects pump from contamination
- Improved diagnostics
- Helps to maintain trouble-free performance
- Protects against system shock
- Easy to fill reservoir
- Prevents leaks

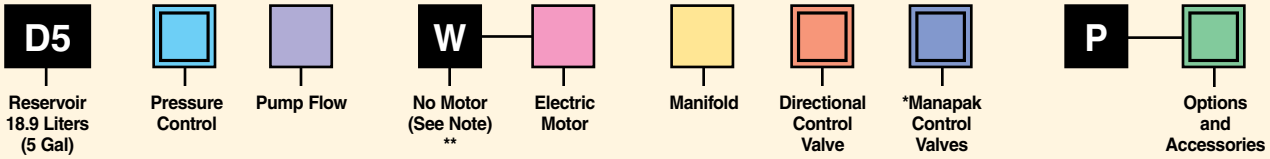
* Stainless units & other options available on request

TOP VIEW



FRONT VIEW





Code	Pressure Control
Omit	System Pressure Relief Valve Only
B	System Pressure Relief Valve with Unloading Valve (2-Way 120VAC) N.O. (Energize coil to close)
J	System Pressure Relief Valve with Unloading Valve (2-Way 24VDC) N.O. (Energize coil to close)

Code	Pump Flow Used
0.9	331-9110-267
1.3	331-9110-011
1.8	331-9110-010
2.7	331-9110-101

Code	Electric Motor Description HP (KW) - RPM - Frame - Phase
U1	.5 (.37) - 1725 - 56 C - 1
T1	1 (.75) - 1725 - 56 C - 1
T3	1 (.75) - 1725 - 56 C - 3
G	2 (1.5) - 1725 - 56 C - 3
K	3 (2.2) - 1725 - 56 C - 3

Single phase electric motors are rated as follows:
115/230V, 1PH, TEFC - 60 Hz 1800 RPM

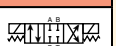
Three phase electric motors are rated as follows:
200-230/460V, 3PH, TEFC - 60 Hz 1800 RPM

Consult factory for other motor speeds (RPM) and voltages.

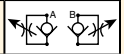
** Use W prefix when no motor is required on unit. When ordering, W must be followed by motor model code equivalent. Motor coupling will have interface for a 56C frame motor.

Code	Porting Block/Subplate or Manifold Type	Supply/Return Port or Actuator Port Size	Other
O	Pressure and Return Port Block with Safety Relief Valve	P & T Ports SAE-10 Str. Thr'd	Convertible to S3 Option
S3	D03 Single Station Subplate with Safety Relief Valve	A & B Ports SAE-8 Str. Thr'd	Spare P & T SAE-10 Ports
M33	D03 Multistation Parallel Circuit Manifold with Safety Relief Valve	A & B Ports SAE-8 Str. Thr'd	Spare G Port SAE-6

Manifolds are mounted vertically. Bottom station is number 1.

Code	Directional Control Valve Model Number	NFPA Mounting Pad	Nominal Flow GPM (LPM)	Description	Circuit Symbol
B	D1VW001CN***	D03	7 (26.5)	Double (Spr. Ctr)	
C	D1VW004CN***	D03	7 (26.5)	Double (Spr. Ctr)	
T	D1VW008CN***	D03	7 (26.5)	Double (Spr. Ctr)	

Units less valves will be supplied with station cover plates installed.

Code	Manapak Control Valves Function	Valve Model Number	NFPA Mounting Pad	Nominal Flow GPM (LPM)	Circuit Symbol
1	Flow Control Meter-Out	FM2DDKN	D03	7 (26.5)	
3	Pilot Operator Check	CPOM2DDN	D03	7 (26.5)	

Manapak valves mounted in order of callout.
First valve will be nearest DCV; last valve will be on manifold.

Code	Options and Accessories		
	Function	Model Number	Technical Data
B1*	Exchanger	RM-08-2-2	Air/Oil: 0.7 HP (52 kW) Rej. @ 3 GPM (11.4 LPM)
H	Pressure Filter	15P110QXRS	Microglass II Element Vis. Ind. – 50 PSI (3.4 bar) Bypass – 2 PSI (0.14 bar) Diff. @ 3 GPM (11.4 LPM)
K	Check Valve Pump Outlet	DT370MOMF05	5 PSI (0.34 bar) Cracking Pressure 7 PSI (0.48 bar) Diff. @ 3 GPM (11.4 LPM)
L	Bypass Check (on Heat Exch)	C1020S65	65 PSI (4.5 bar) Cracking Pressure
O	Return Filter	12AT10C 45LPM (12 GPM)	Cellulose Element Ind. Gage - 15 PSI (1.03 bar) Bypass Max. Oil Flow
R1	Combination Float/Temp. Switch N.O. Float Up	8767820-1	Fixed Temp at 65°C (149°F) Close @ Low Level and/or 65°C (149°F) (N.O.)
R2	Combination Float/Temp. Switch Float Up	876782-02	Fixed Temp at 65°C (149°F) Open @ Low Level and/or 65°C (149°F) (N.C.)

*Heat rejection based on flow given with a 40°F differential between transfer medium.

= Omit if not required