



The Deuce

Installation Instructions

Congratulations on your purchase of the Deuce, High performance wash down and fill pump system. The following instructions will guide you in a successful pump installation.



Pumptec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptec.com
[www. Pumptec.com](http://www.Pumptec.com)





The Deuce

Installation Instructions

DANGER

Do not pump hazardous materials (flammable, caustic, etc.)

WARNING

Consult an automotive technician (certified to ASE T6 Truck Electrical/Electronic Systems) for final approval of wiring installation and electrical components. Improper wiring and/or use of undersized electrical components can cause equipment damage, overheating, and result in a fire.

WARNING

To reduce risk of electric shock, always disconnect pump from power source before handling or servicing.

WARNING

Pumps build up heat and pressure during operation. Bleed pressure lines and allow time for pumps to cool before handling or servicing. Only qualified personnel should install, operate, and repair pump.

PumpteC Inc. is not responsible for losses, injury, or death resulting from a failure to observe these safety precautions, misuse or abuse of pumps or equipment.

The Deuce Pump System comes complete with all components needed for an average installation. Unique installs may require additional plumbing pieces. The system is shipped in modular assemblies to prevent damage in shipping.

Step 1-Mounting your Pump System

Locate the area on the truck where you will mount The Deuce. The location should be below the freshwater tank and away from the wheels of the vehicle to prevent dirt and debris being slung into the pump by the tires. If you must install the pump system near the wheels of the vehicle the pump must be in a vented enclosure to ensure longevity.

Place the pump system in the desired location and mark the platform with the 4 motor base plate pattern as well as the pump kick stand. Drill the marked hoses with an 11/32" drill bit. You must have access to both side of the mounting area to tighten the bolts and nuts. Drill all five (5) marks with an 11/32" drill bit. (Caution; Always wear proper personal protection equipment).

PumpteC Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumpteC.com
www.PumpteC.com





The Deuce Installation Instructions



Insert the 5 motor mounts (#11) with threaded post into each drilled hole. Install the Zinc plated M8 nut (#2) on to each motor mount on the underside of the mounting platform. You must have access to both top and bottom of the mounting platform to access the mounting area to tighten the bolts and nuts. Tighten firmly.



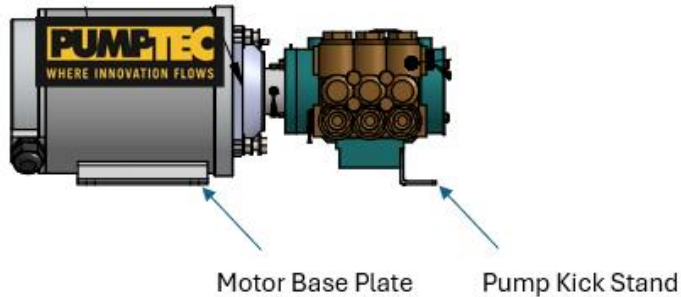
Place The Deuce pumping system on to the 5 motor mounts. Four of the motor, mounts will insert into each hole on the motor base plate and the fifth bolt inserts through the hole on the pump kick stand. **Do not** install the nuts on to the Threaded posts yet.





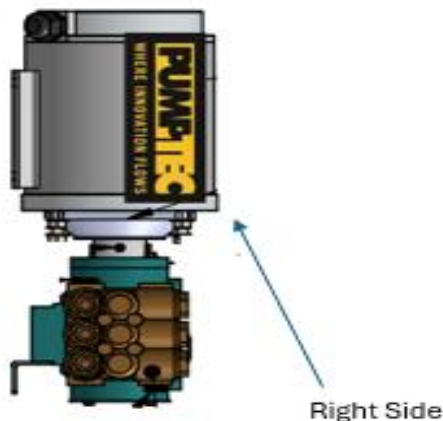
The Deuce

Installation Instructions



Step 2-Mounting The Regulator Control system

The Deuce regulator control system can be installed on either side of the electric motor; however, the flow of the plumbing hoses was laid out for the regulator to mount on the right side of the system.



Insert your 9025-regulator bracket (#26) into the motor mount bolts on the right side of the pump. Install Remaining M8 Zinc plated nuts (#2) on to all 5 threaded studs and tighten securely.





The Deuce

Installation Instructions



Step 3-Connecting your inlet and bypass hoses

Install one (1) hose clamp (#8) on to inlet filter and ball valve assembly, slip the hose with clamp to the inlet hose barb on the pump and utilizing a flat head screwdriver tighten provided clamp (#8).



Install one (1) of the 5', 3/4" inlet hoses (#16) to the hose barb on the ball valve of the inlet filter assembly with one (1) of the provided clamps (#8). Tighten clamp firmly. Determine where you will tap your inlet into your freshwater. Cut the inlet hose to the exact length required and install on to tank. The fittings needed to install to the freshwater tank are not included due to the many different locations and methods to tap into your

Pumptec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptec.com
[www. Pumptec.com](http://www.Pumptec.com)





The Deuce

Installation Instructions

tank freshwater. Once the hose is installed to freshwater tap, tighten clamp (#8) firmly.



Step 3-Installing your bypass hose.

Utilizing the remaining 5", 3/4" inlet hose (#16), install the hose with clamp (#8) on to the bypass hose barb on the regulator control system. Tighten clamp firmly.



Step 4-Installing your High-Pressure Outlet Hose

Your high-performance wash down and fill system comes with a 50' high pressure hose with quick connects, fast fill valve, and spray gun. The pump system includes a male 1/2" male quick connect to receive the 50'

Pumptec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptec.com
[www. Pumptec.com](http://www.Pumptec.com)





The Deuce

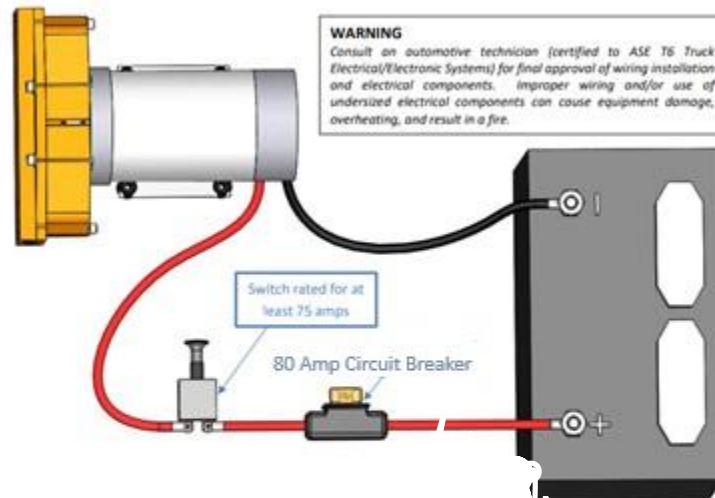
Installation Instructions

hose. If you will be using a hose reel, you can install the 50' hose on to your hose reel and install a short piece of high pressure hose (not included) from the pump quick connect to the hose reel.



Step 5-Connect to Electrical Supply.

Below is an electrical diagram to use as a guide. It is recommended that you use the service of a licensed electrician for safe and proper wiring.



- It is not necessary to wire the pump to the vehicle battery. If you do choose to wire the pump to your vehicle battery, also consult your vehicle dealership before making any connections. Pumptec will not be responsible for any damage or harm to pump, vehicle, or persons resulting from improper installation.

Pumptec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptec.com
www.Pumptec.com





The Deuce

Installation Instructions

Consult an automotive technician (certified to ASE T6 Truck Electrical/Electronic Systems) for final approval of wiring installation and electrical components. - The wiring circuit must include an ON/OFF switch rated for 12VDC, 75 Amps or higher. - The wiring circuit must include overload protection such as a fuse rated for 80 Amps. - Use a 27 Series 12VDC Marine and RV Deep-Cycle battery. Suggested specs are 675 cold cranking amps and 180Ah of reserve capacity at 25Amps. (Example: Interstate SRM-27B). - Use 8Ga. or heavier SAE 1127 type SGT wire rated to 105°C. Maximum total circuit length for 8Ga wire is 18ft (example: 9ft red wire + 9ft black wire = 18ft total circuit length). Longer circuits will require heavier wire. - Take extra care to make sure wires are prevented from contacting sharp edges such as holes in sheet metal that may damage the wire insulation jacket. Use wire cover loom to bundle wires together and used clamps to secure in place.

Step 6-Add oil to your pump (Caution: operating your pump with no or low oil can cause catastrophic damage to your pump and/or motor)

Remove the oil cap from your pump and pour 17 ounces (does not need to be exact) to the pump and reinstall the oil cap. **(Warning: Oil must be changed after the first 30 hours of pump operation and every 500 hours after initial oil change).** Your Pumptec Deuce comes with a quart of 30 weight non detergent oil for your first two oil changes. **(Warning: use only 30 weight non detergent oil.)**

Your Deuce wash down and fill system is ready to operate. Please visit www.pumptecc.com/portable-sanitation-pumps for a video on how to use your wash down and fill system.

PumpTec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptecc.com
[www. Pumptecc.com](http://www.Pumptecc.com)





The Deuce

Installation Instructions

The Pumptec 9025 Regulator Control System



The unique design of the 9025 maintains nearly constant pressure in spray or bypass, protecting the electrical system from high amperage draw during bypass...the most common cause of 12 VDC system failure.

- Pumptec's Multi-Function Control System integrates precise pressure regulation, gauge, agitation valve into one simple control module.
- Six spring choices protect system from over pressurization at maximum adjustment • The 9025 MFCS is unique because it is specifically designed for the 12 VDC pest control and turf sprayer industry.
- The liquid filled gauge is mounted next to the controls allowing simple and precise system set up, adjustment and monitoring.
- The Ball Valve provides simple priming, agitation, flushing or dumping of pressure during system set up.
- The Six port design, three on the pressure side plus three on the bypass side, provides maximum plumbing configuration flexibility.
- Imagine the simplicity; bolt down the pump, bolt down the control and connect a hose between the two...it's that simple.

PumpTec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptec.com
[www. Pumptec.com](http://www.Pumptec.com)





The Deuce

Installation Instructions

INLET CONDITION CHECKLIST.

Inadequate inlet conditions can cause serious malfunctions in the best designed pump. Surprisingly, the simplest of things can cause the most severe problems or go unnoticed to the unfamiliar or untrained eye. **REVIEW THIS CHECKLIST BEFORE OPERATION OF ANY SYSTEM.** Remember, no two systems are alike so there can be no ONE best way to setup a system. All factors must be carefully considered. **INLET SUPPLY** should exceed the maximum flow being delivered by the pump to assure proper performance. • Open inlet shut-off valve and turn on water supply to avoid starving the pump. **DO NOT RUN PUMP DRY.** • Avoid closed loop systems especially with high temperature, ultra-high pressure, or large flows. Conditions vary with regulating/unloader valve. • When using an inlet supply reservoir, size it to provide adequate liquid to accommodate the maximum output of the pump, generally a minimum of 6-10 times the GPM (however, a combination of system factors can change this requirement). **INLET LINE SIZE** should be adequate to avoid starving the pump. • Line size must be a minimum of one size larger than the pump inlet fitting. Avoid tees, 90-degree elbows or valves in the inlet line of the pump to reduce the risk of flow restriction and cavitations. • The line **MUST** be a **FLEXIBLE** hose, **NOT** a rigid pipe, and reinforced on **SUCTION** systems to avoid collapsing. • The simpler the inlet plumbing the less the potential for problems. Keep the length to a minimum, the number of elbows and joints to a minimum (ideally no elbows) and the inlet accessories to a minimum. • Use pipe sealant to assure airtight, positive sealing pipe joints. **INLET PRESSURE** should fall within the specifications of the pump. • High RPM, high temperatures, low vapor pressures or high viscosity may increase acceleration loss of liquids

Pumpteck Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumpteck.com
www.Pumpteck.com





The Deuce

Installation Instructions

GENERAL OPERATING INFORMATION

Pressure is often created by forcing a volume of fluid (flow) through a specific size hole (nozzle). Additionally, pressure can be created by pumping into a non-expanding chamber. Pressure is measured and stated in PSI – pounds per square inch. Flow is created based upon the pump displacement and speed (RPM) of the motor. Pump plunger size affects flow based upon the same RPM. The faster the motor speed, the greater the flow. Flow is measured and stated in GPM – gallons per minute. The pump, driven by a motor or engine, draws fluid through a set of valves into the pumping chamber and the fluid is then forced out of a set of valves to exit the pump. The back-and forth movement of the plunger in the sealed pumping chamber creates the suction and discharge actions. Once the fluid has exited the pump it must be controlled until it exits the nozzle or reaches the place it needs to go. This control is achieved via the use of system components such as a Pumptec unloader or regulating valve. The pumps are positive displacement pumps providing a specific amount of fluid constantly while operating. This volume of fluid must be directed out through a nozzle or back to a tank because it cannot be stopped completely without creating excessively high pressure and risk of damage to pump, components, property, and person. It is recommended that a safety device such as a regulating valve be installed directly on the pump head as protection in case of a failure of another component. Pressure switches can be used to automate pump operation, but they must have a pressure regulating device installed as a safety device. Fluid can enter a pump either from a filtered tank or pressurized fluid line. It is common to use a tank with pumps that are mounted above the pump. Filtration is important to maintain proper function of the pump and system. The





The Deuce

Installation Instructions

extent of filtration may be greater based upon some uses such as misting with ultra-fine nozzles.

INLET PRESSURE

Should fall within the specifications of the pump. • High RPM, high temperatures, low vapor pressures or high viscosity may increase acceleration loss of liquids.

- Optimum pump performance is obtained with +20 PSI (1.4 BAR) inlet pressure. With adequate inlet plumbing, most pumps will perform with flooded suction.
- After prolonged storage, the pump should be purged of air to facilitate priming. Disconnect the discharge port to allow liquid to pass through pump and measure flow.

USING CHEMICALS

Chemicals can be mixed into the fluid, and it is necessary to understand whether these chemicals will damage the pump or other system components. Another way to put chemicals into the fluid is with a downstream injector. An injector works as a result of the difference of pressure between the inlet side of injector and discharge side. In most cases, the pressure on the discharge side cannot exceed 1/2 of the inlet pressure. For example, 1000 PSI into an injector should allow up to 500-600 PSI spray pressure on discharge side. There are dual-function nozzles that permit high pressure, chemical free rinse and low pressure, chemical spray. These are convenient for the operator and will not harm a properly designed system. The advantages of an injector are: Fewer items touching chemical, the chemical injection rate can be controlled, and applying

Pumptec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptec.com
www.Pumptec.com





The Deuce

Installation Instructions

chemical at lower pressure increases chemical use efficiency. **HEATING FLUID** The pumps may sometimes be used with downstream heaters and precautions need to be taken to protect the system and persons from harm. Refer to the skilled staff at the equipment manufacturer for guidance and proper system care. Please be aware that heated water expands, and additional pressure release safety devices may be required.

SYSTEM DESIGN

A pump is the heart of every system and proper selection is critical to equipment function and durability. If a pumping set with excess flow is chosen, then energy and fluid is wasted. If excess pressure results, then equipment effectiveness can decrease and so can pump life. **TYPICAL APPLICATIONS AND THEIR PERFORMANCE CONSIDERATIONS** **PRESSURE CLEANING** The optimal combination of PSI and GPM for cleaning is a ratio of 1 GPM for every 300-400 PSI. This combination maintains sufficient droplet size for cleaning force and distance. If pressure increases, and flow does not, then the water droplet size reduces and has less impact force, requiring closer cleaning distances and increased risk of surface damage. **LINE LOSS** When choosing a pump for spraying, pressure loss in the hose must be considered. The pressure is greatest at pump and decreases over the length of the hose. Typically, these systems utilize very long hoses, 200-300 ft. is common, and requires a certain minimum amount of performance to move the flow through the lengths of hose. For example, a 3 GPM system will require (lose) 50 PSI per 50 ft. of 3/8" ID hose. A pump with only 60-70 PSI may not provide the desired performance at the end of the hose. See reference charts to assist in system design. **STORING** For extended storage periods or between uses in cold climates, drain all pumped liquids from pump and flush with antifreeze solution to prevent

Pumpteck Inc.

700 McKinley St.

Anoka, MN. 55303

763-433-0303

Customersupport@pumpteck.com

www.Pumpteck.com





The Deuce

Installation Instructions

freezing and damage to the pump. **DO NOT RUN PUMP WITH FROZEN LIQUID.**

NOTE: Each system's maintenance cycle will be unique. If system performance decreases, check immediately. If there is no wear at 500 hours, check again at 1000 hours and each 500 hours until wear is observed. Valves typically require changing every seal change. Duty cycle, temperature, quality of pumped liquid and inlet feed conditions all affect the life of a pump's parts and service cycle. **NOTE:** Remember to service the regulator/unloader at each seal servicing and check all system accessories and connections before resuming operation.





The Deuce

Installation Instructions

Diagrams and Schematics

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	INITIAL RELEASE	12/17/23	GMS
02	MULTIPLE CHANGES	05/15/24	CRF

ITEM	PART NUMBER	DESCRIPTION	QUANTITY
1	30017	HOSE BARB, 3/8MALE, 0-8848BL, POLYPROPYLENE, BLACK	2
2	30041	HOSE, 300 PSL, BLACK, 1/2 IN. BLACK, EPDM AG	30'
3	30105	NUT, M8, M8PS, ZINC PLATED	10
4	30418	LINE STRAINER, 3/4 FEMALE, EPDM, 30 MESH, CLEAR BOWL	1
5	30470	NUT, 1/4-20, 8PS, ZINC PLATED	3
6	30543	BALL VALVE, 1/2IN X 1/2IN, YELLOW LEVER HANDLE, BRASS	1
7	30008	CLAMP, OCTETTER 21-3/8IN, FOR 1/2" SPRAY & HOSE	2
8	30029	SPRAY GUN, 100", 1/2 INPT INLET, AN NOZZLE	1
9	31088	BALL VALVE, 3/4" X 3/4", YELLOW STANDARD HANDLE, BRASS	1
10	31112	BOLT, 1/4-20 X 3/4 FLANGED HEX HEAD SCREW, GRS ZINC PLATED	3
11	31138	BOLT, 1/4-20 X 3/4, 304L STAINLESS STEEL	4
12	31203	CLAMP, HOSE, 1/2IN, 1/2IN, 1/2IN, 1/2IN, 1/2IN, 1/2IN	6
13	31246	HOSE BARB, 1/2MALE, 0-8848BL, BRASS	1
14	31259	HOSE BARB, 1/2MALE, 1/2MALE, BRASS	1
15	31266	MOTOR MOUNT, BAWP/POST	5
16	31315	SUPPLE, 3/4, HEX, POLYPROPYLENE, BLACK	1
17	31317	NUT, 1/4-20, M8PS, ZINC PLATE	4
18	31325	PLUG, 1/2, COATED GUN, BRASS	1
19	31338	QC SOCKET, 1/2MALE, BRASS	2
20	31339	QC PLUG, 1/2MALE, BRASS	2
21	31377	HOSE, 70 PSL, BLACK, 3/4 IN. CLEAR, PVC, POLY SPRING	12'
22	31377+	HOSE, 70 PSL, BLACK, 3/4 IN. CLEAR, PVC, POLY	200'
23	31417	HOSE ASSY, 50FT AG, 3/4 IN. M8 MALE, 1/2 INPT ENDS	1
24	31562	COATED WIRE ROPE, 1/16" ENAMETER	14'
25	31563	COMPRESSION SLEEVE, FOR 1/16" WIRE ROPE	1
26	31710	PUMP OIL, 32 OZ, ISO 7 PREMIUM, (AROMATIC) 4000	1
27	31712	MODEL, 300L X 300MM	1
28	31718	REDUCER, 1/2IN/3/8IN	1
29	40660	30MM SHAFT	1
30	40661	BRACKET, 9025	1
31	40662	308 FINGER GUARD	2
32	80002	REGULATOR ASSY, 9025, 100 PSL, W/ 3/4IN AG	1
33	99999	MOD, 3/4 INPT, 1/2IN, 3/4IN, 1/2IN, 3/4IN, 1/2IN	1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES			
.XX = .005	ANGULAR = .1°		
.XXX = .005	FRACTIONAL = 1/16		
.XXXX = .005	FRACTIONAL = 1/32		
SURFACE FINISH: ✓			
DO NOT SCALE DRAWING			
DRAWN	COLTON FENNEL	DATE	05/02/24
CHECKED			
APPROVED			

PUMPTEC

TITLE

308L/M960
WASHDOWN AND FILL

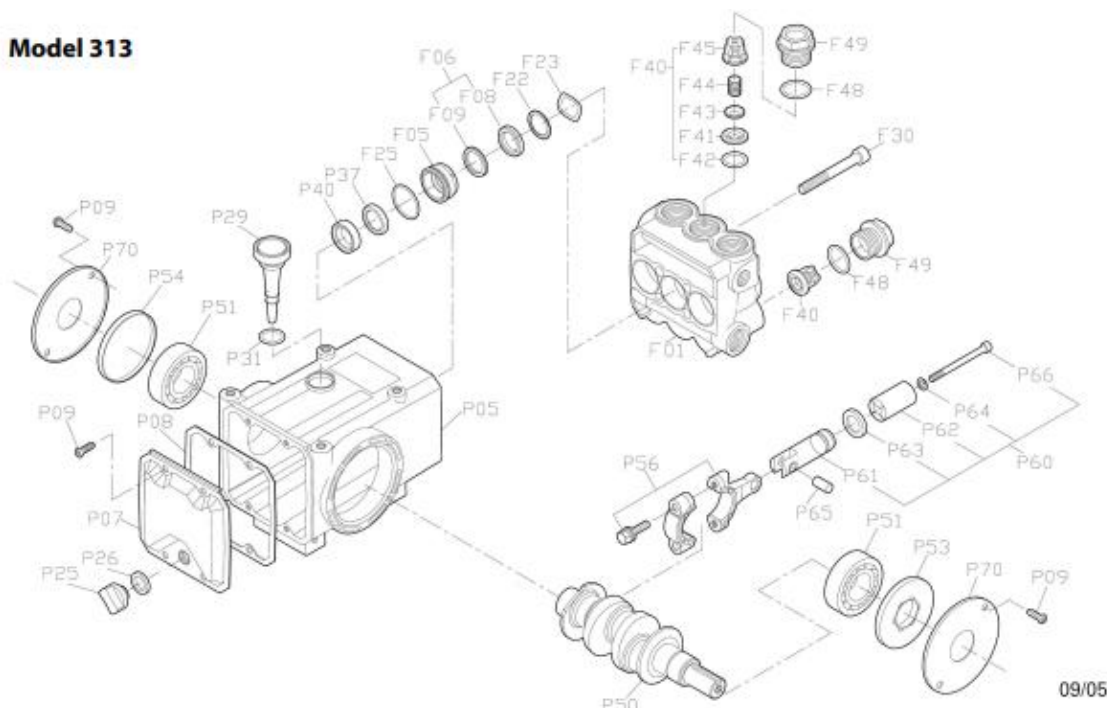




The Deuce

Installation Instructions

Model 313



REF. #	PART NUMBER	PART NAME	MATERIAL	QTY
	A1011	SEAL KIT, 313 (INCLUDES F06, F25)	NBR	1
	A1006	VALVE KIT, 313 (INCLUDES F40)	STAINLESS/FP	1
	A3003	RAIL, STND, 5 SERIES	PLATED STEEL	2
	A3004/A3337	RAIL, 310/5CP REPLACEMENT (SET)	PLATED STEEL	1
	A8037	OIL, BOTTLE (32 OZ) ISO 100		1
Other Accessories (Old Series: 309/312)				
	70201	CLUTCH KIT, 7" SINGLE GROOVE, 24mm STEEL		1

Horsepower Requirements

Horsepower Requirements				Pressure (psi)				
	RPM	GPM	LPM	800	1000	1200	1400	1500
313	950	3.6	14.3	2.0	2.5	3.0	3.5	3.7
	1050	4.0	15.8	2.2	2.7	3.3	3.8	4.1
	1450	5.5	21.9	3.0	3.8	4.5		

Formulas

$$\text{Determining Pump RPM} \quad \frac{\text{Rated GPM}}{\text{Rated RPM}} = \frac{\text{"Desired" GPM}}{\text{"Desired" RPM}}$$

$$\text{Determining} \quad \frac{\text{GPM} \times \text{PSI}}{1460} = \text{Electric Brake H.P. Required}$$

$$\text{Determining Motor Pulley Size} \quad \frac{\text{Motor Pulley OD}}{\text{Pump RPM}} = \frac{\text{Pump Pulley OD}}{\text{Motor RPM}}$$

Pumptec Inc.
 700 McKinley St.
 Anoka, MN. 55303
 763-433-0303
Customersupport@pumptec.com
[www. Pumptec.com](http://www.Pumptec.com)





The Deuce

Installation Instructions

REF. #	PART NUMBER	PART NAME	MATERIAL	QTY
F01	A3266	MANIFOLD	FORGED BRASS	1
F05	A3046	SEAL RETAINER	BRASS	3
F06	A3195	SEAL ASSEMBLY		3
F08	<i>(included in F06)</i>	V-PACKING	NBR/TEXTILE	3
F09	<i>(included in F06)</i>	VACUUM SEAL	NBR	3
F22	A3270	SPREADER	BRASS	3
F23	A3269	WAVE WASHER	STAINLESS	3
F25	9203B15026	O-RING, RETAINER	NBR	3
F30	A3045	BOLT, 6MM	PLATED STEEL	4
F40	0121003300	VALVE ASSEMBLY		6
F41	<i>(included in F40)</i>	SEAT	STAINLESS	6
F42	A3146	O-RING	NBR	6
F43	<i>(included in F40)</i>	POPPET	STAINLESS	6
F44	<i>(included in F40)</i>	SPRING	STAINLESS	6
F45	<i>(included in F40)</i>	CAGE	STAINLESS	6
F48	A3091	O-RING, VALVECAP	NBR	6
F49	A3338	VALVECAP	FORGED BRASS	6
P05	A3339	CRANKCASE	ALUMINUM	1
P07	A3340	BACKCOVER	PLATED STEEL	1
P08	A3341	GASKET	BONDED PAPER	1
P09	A3228	SCREW, PHILLIPS	PLATED STEEL	8
P25	A3356	DRAINPLUG	FP	1
P26	A3343	GASKET, DRAINPLUG	NBR	1
P29	A3260	OIL DIPSTICK ASSEMBLY	FP	1
P31	A3305	O-RING, DIPSTICK	NBR	1
P37	A3268	WATER SLINGER	NBR	3
P40	A3263	OIL SEAL ASSEMBLY	NBR	3
P50	A3346	CRANKSHAFT	STEEL	1
P51	A3347	BEARING, BALL		2
P53	A3275	OIL SEAL, SHAFT SIDE	NBR	1
P54	A3276	OIL SEAL, COVER	NBR	1
P56	A3265	CON-ROD ASSEMBLY	ALUMINUM	3
P60	A3348	PLUNGER ASSEMBLY		3
P61	<i>(included in F60)</i>	ROD	STAINLESS	3
P62	<i>(included in F60)</i>	PLUNGER	CERAMIC	3
P63	<i>(included in F60)</i>	SPACER	BRASS	3
P66	<i>(included in F60)</i>	BOLT	STAINLESS	3
P64	A3264	GASKET	COPPER	3
P65	0030004900	PIN, PLUNGER	STEEL	3
P70	A3287	COVER, BEARING	PLATED STEEL	2
P80	A3130	SHAFT KEY, STEPPED	STEEL	1

* Material listed may be a proprietary version. Parts names without part numbers are only available within complete assemblies.

* Material codes: FP=Fluoropolymer, NBR=Medium Nitrile (Buna-N), STAINLESS=Stainless Steel (300 Series)

Pumpteck Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303

Customersupport@pumpteck.com

www.Pumpteck.com





The Deuce

Installation Instructions

Warranty

Pumptec, Inc. Terms and Conditions of Sale This TERMS AND CONDITIONS governs the sale of products and/or services (“Products”) by Pumptec, Inc. (“SELLER”) to the person or company (“BUYER”) whose order for Products is accepted by the SELLER. This TERMS AND CONDITIONS take precedence over BUYER’s supplemental or conflicting terms and conditions to which notice of objection is hereby given. Neither SELLER’s commencement of performance or delivery shall be deemed or construed as acceptance of BUYER’s supplemental or conflicting terms and conditions. SELLER’s failure to object to conflicting or additional terms will not change or add to the terms of this TERMS AND CONDITIONS. BUYER’s acceptance of the Products from SELLER shall be deemed to constitute acceptance of the terms and conditions contained herein. 1) Quotations: Price quotations by SELLER for sale of Products shall automatically expire thirty (30) days from the date issued. 2) Orders: All orders placed by BUYER are subject to acceptance by the BUYER. An order is not considered as accepted until SELLER issues an order acknowledgement. Once acknowledged, BUYER’s orders may not be cancelled or rescheduled without SELLER’s written consent. All orders must identify the products, unit quantities, part numbers, prices as known to the BUYER, and requested delivery dates of the Products being purchased. Order acknowledgement by SELLER shall identify the products, unit quantities, part numbers, prices, and expected ship dates of the Products being purchased. 3) Prices: The prices of the Products are those prices stated in the SELLER’s order acknowledgement. Pricing for undelivered Products may be increased in the event of an increase in SELLER’s cost, change in market conditions or any other causes beyond

Pumptec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptec.com
[www. Pumptec.com](http://www.Pumptec.com)





The Deuce

Installation Instructions

the SELLER's reasonable control. 4) Taxes: Unless otherwise agreed to in writing by SELLER, all prices quoted are exclusive of transportation and insurance costs, duties, and all taxes including federal, state, and local sales, excise and value added, Products taxes, and any other taxes. BUYER agrees to indemnify and hold SELLER harmless for any liability for tax in connection with the sale, as well as the collection or withholding thereof, including penalties and interest thereon. 5) Cancellation: The SELLER reserves the right to cancel all or part of the undelivered portion of any order without any liability if the BUYER breaches any of this TERMS AND CONDITIONS, fails to pay any sum due to the SELLER by its due date, ceases trading, or is unable to pay its debts as they fall due within the meaning of the Insolvency Act 1986 or has a receiver, administrative receiver, or liquidator appointed over any of its business or assets, or passes a resolution for winding-up, dissolution or bankruptcy, or enters into any voluntary arrangement with its creditors or if the SELLER reasonably suspects that the BUYER is likely to be subject to any such actions or events. 6) Payment: Payment for Products by BUYER may be made by check, money order, credit card, ACH, or wire transfer (all fees are borne by the BUYER). A surcharge of 3% of the payment amount shall be applied to any payment made by credit card. Where SELLER has extended credit to BUYER, terms of payment shall be Net thirty (30) days from date of invoice, without offset or deduction unless otherwise noted. On any past due invoice, SELLER may impose interest at the rate of one and a half percent (1.5%) per month. If BUYER fails to make each payment when it is due, SELLER reserves the right to change or withdraw credit and thereby suspend or cancel performance under any or all purchase orders or terms and conditions in which SELLER has extended credit to BUYER. In the event of default by BUYER, SELLER shall be entitled to costs, fees, and expenses, including but not limited to recovery of attorney fees, court

PumpteC Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumpteC.com
www.PumpteC.com





The Deuce

Installation Instructions

costs and fees, and collections costs. 7) Shipment: SELLER shall make reasonably practicable effort to ship Products on the ship dates stated in the SELLER's order acknowledgement to the BUYER. The BUYER shall hold SELLER harmless for failure to ship products on the ship dates stated in the order acknowledgement. SELLER is not liable for delays in delivery or for failure to perform due to causes beyond the reasonable control of the SELLER, nor shall the carrier be deemed an agent of the SELLER. A delayed delivery of any part of an Order does not entitle BUYER to cancel other deliveries. All deliveries will be made "EXWORKS" place of shipment. 8) Delivery and Title: The BUYER shall inspect the Products upon delivery and inform the SELLER and the carrier in writing of any loss, shortage, visible damage, or non-conformity within three (3) days of receipt of Products. Risk of loss passes to the BUYER upon receipt of Products from the carrier. Title to the Products will pass to the BUYER only when the SELLER has received payment in full. 9) Limited Warranty: The SELLER warrants that all Products are free from defects in material and workmanship under normal use and service for twelve (12) months from the date of shipment. Normal use and service means Products have not been operated outside the SELLER's specified operating limits for Products for, but not exclusive to, speed, pressure, temperature, pH, or exposure to incompatible or combustible materials. SELLER makes no warranty on standard wear items such as, but not limited to, seals, valves, seats, O-rings, and plungers. This warranty does not cover, and SELLER shall not be liable for, defects or failures resulting from improper or lack of maintenance, damage or wear caused by faulty installation, misapplication, misuse, tampering with or substitution of SELLER provided parts, or disassembly and/or repairs not performed by SELLER. The warranty also does not cover, and SELLER shall not be liable for, any malfunction, damage or wear caused by the incompatibility of any

PumpteC Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumpteC.com
www.PumpteC.com





The Deuce

Installation Instructions

SELLER's product with structures, accessories, products, or materials not supplied by SELLER. SELLER does not warrant equipment which are not of SELLER's manufacture, but BUYERs are entitled to the benefit of any warranty given to SELLER. SELLER will repair or replace (in its sole discretion) each product found to be faulty. The product must be delivered to SELLER for investigation at BUYER's expense. Work required to determine the cause of failure or malfunction that proves not to be SELLER's responsibility may be chargeable. SELLER may request a purchase order before proceeding to investigate the cause of the fault. Repair or replacement is the sole and exclusive remedy available under this warranty and SELLER's liability is strictly limited to the original price paid for the equipment. Products repaired under warranty shall be returned to the BUYER at SELLER's expense. SELLER disclaims and in no event shall be liable for indirect, incidental, or consequential damages of any kind, howsoever they may occur. Save as expressly provided in this TERMS AND CONDITIONS, all implied warranties, terms and conditions (whether statutory or otherwise) are excluded to the fullest extent permitted by law. In particular, SELLER makes no warranty respecting the merchantability of Products or their suitable or fitness for any particular purpose, non-infringement of third-party rights and warranties against latent defects. No person including any dealer, distributor, or representative of SELLER is authorized to make any representation or warranty concerning SELLER's Products on behalf of SELLER, or to assume for SELLER the obligations contained in this limited warranty. SELLER reserves the right to install the same upon its existing Products then in process or to be manufactured at a later or a determined agreed upon date. This warranty gives the BUYER specific legal rights, and buyer may also have other rights, which vary from state to state. 10) Limitation of Liabilities: BUYER shall not be entitled to, and SELLER shall not be

Pumpteck Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumpteck.com
[www. Pumpteck.com](http://www.Pumpteck.com)





The Deuce

Installation Instructions

liable for, loss of profits or revenue, promotional or manufacturing expenses, overheads, business interruption costs, loss of date, removal or reinstallation costs, injury to reputation or loss of buyers, punitive damage, IPR infringement, loss of contracts or orders or any indirect, special, incidental, or consequential damage of any nature. BUYER's recovery from SELLER for any claim shall not exceed the price paid for the affected Products irrespective of the nature of the claim whether in contract, tort, warranty, or otherwise. BUYER will indemnify, defend, and hold SELLER harmless from any claims base on (a) SELLER's compliance with BUYER's designs, specifications, or instructions, (b) modification of any Products by anyone other than SELLER, or (c) use in combination with other Products if done by BUYER. 11) Export Control: BUYER certifies that it will be the recipient of the Products to be delivered by SELLER. BUYER understands that the associated hardware, software, and/or technical data listed in the order acknowledgement includes items that are governed by the U.S. Export Administration Regulations and by the U.S. Foreign Assets Control Regulations. The BUYER understands that its sale or distribution of said products may constitute exports or re-exports, and as such, must be in accordance with the requirements administered by US Bureau of Industry and Security, Department of Treasury, and Department of State. It is understood that the country of ultimate destination, commodity classification, end-user, or end-use for any said products, could affect the applicable license requirements and exportability. 12) Force Majeure: SELLER is not liable for failure to fulfill its obligations for any acknowledged order or for delays in delivery due to causes beyond SELLER's reasonable control including, but not limited to, acts of God, natural or artificial disaster, riot, war, strike, delay by carrier, shortage of Products, acts or omissions of other parties, acts or omissions of civil or military authority, government priorities, changes in

Pumptec Inc.
700 McKinley St.
Anoka, MN. 55303
763-433-0303
Customersupport@pumptec.com
[www. Pumptec.com](http://www.Pumptec.com)





The Deuce

Installation Instructions

law, material shortages, fire, strikes, floods, epidemics, quarantine restrictions, acts of terrorism, delays in transportation or inability to obtain labor, materials or Products through its regular sources, which shall be considered as an event of force majeure excusing SELLER from performance and barring remedies for non-performance. In an event of force majeure condition, the SELLER's time for performance shall be extended for a period equal to the time lost because of the force majeure condition without subjecting SELLER to any liability or penalty. SELLER may, at its option, cancel the remaining performance, without any liability or penalty, by giving notice of such cancellation to the BUYER. 13)

Technical Assistance or Advice: If technical assistance or advice are offered or given to BUYER, such assistance or advice is given free of charge and only as an accommodation to BUYER. SELLER shall not be held liable for the content or BUYER's use of such technical assistance or advice, nor shall any statement made by any of SELLER's representatives in connection with the Products constitute a representation or warranty, express or implied. 14) **General:** The laws of the State of Minnesota will exclusively govern any dispute between SELLER and BUYER. BUYER may not assign these TERMS AND CONDITIONS without the prior written consent of SELLER. This TERMS AND CONDITIONS is binding on successor and assigns Products, including software or other intellectual property, are subject to any applicable rights of third parties, such as patents, copyrights and/or user licenses.

