




**Franklin Electric**

# CONVERTIBLE JET PUMPS SHALLOW WELL/DEEP WELL OWNER'S MANUAL

## READ AND FOLLOW SAFETY INSTRUCTIONS

 This is the safety alert symbol. When you see this symbol on your pump or in this manual, look for one of the following signal words and be alert to the potential for personal injury:

**DANGER** warns about hazards that will cause serious personal injury, death or major property damage if ignored.

**WARNING** warns about hazards that **can** cause serious personal injury, death or major property damage if ignored.


**CAUTION** warns about hazards that **will** or **can** cause minor personal injury or major property damage if ignored.

The label **NOTICE** indicates special instructions that are important but not related to hazards.

**Carefully read and follow all safety instructions in this manual and on pump.**

Keep safety labels in good condition.


**WARNING**





**Hazardous voltage. Can shock, burn, or cause death.**


Ground pump before connecting to power supply. Disconnect power before working on pump, motor or tank.

Replace missing or damaged safety labels.

 **Wire motor for correct voltage. See "Electrical" section of this manual and motor nameplate.**

 Ground motor before connecting to power supply.

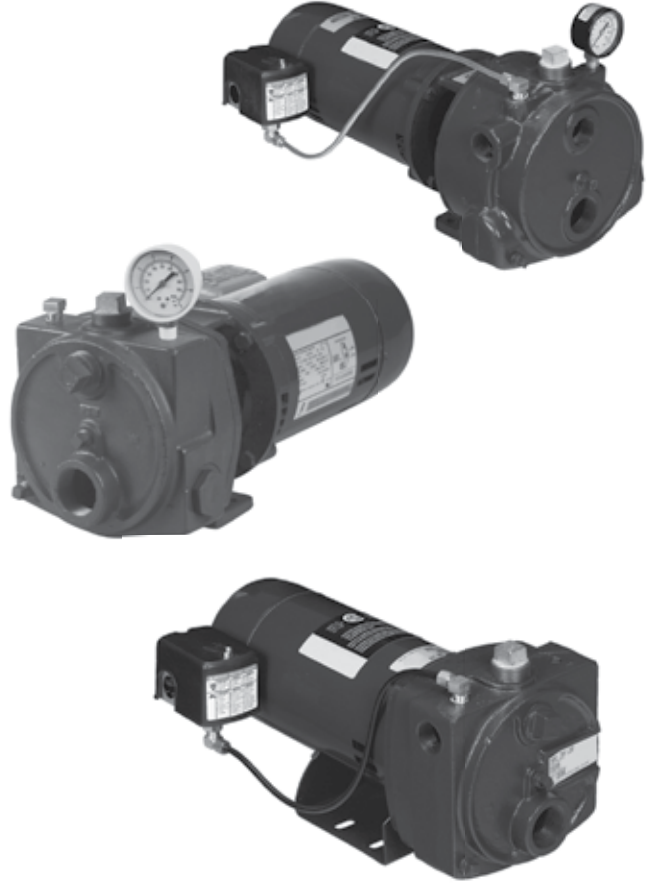
 Meet National Electrical Code, Canadian Electrical Code, and local codes for all wiring.

 Follow wiring instructions in this manual when connecting motor to power lines.

## BEFORE INSTALLING PUMP, BE SURE TO READ THIS OWNER'S MANUAL CAREFULLY.

Most water system troubles result from either improper installation or well failure, Therefore suggest you read this manual carefully before starting your pump installation.

The **TROUBLESHOOTING GUIDE** in this manual will assist you in locating and eliminating the cause of any trouble you may encounter. To install your pump, you will need wrenches, pipe sealant, pipe fittings, etc. Be sure to have available the proper and adequate wiring materials.



**CAUTION** The pump has a mechanical shaft seal. **DO NOT RUN DRY. Fill pump with water before starting or pump will be damaged.**

The motor on this pump is guaranteed by the manufacturer and in the event of failure it must be returned to an authorized service station for repairs.

## INTRODUCTION

A jet pump has many advantages other types of water systems do not have. There are no working parts in the well except for the injector on the deep well system. All mechanical parts, motor, impeller, electrical controls, etc., are above ground within easy reach. If service is ever necessary, simple hand tools will do the job. This jet pump installs easily and quickly without the need for special tools or pump rigs. You can install it yourself provided you follow closely the instructions contained in this manual.

## INSPECT YOUR SHIPMENT

All jet pumps are carefully tested, inspected and packaged to ensure their arrival in perfect condition.

When the pump is received, examine it closely to make sure there is no damage or broken parts that may have occurred in shipping. If damage is evident report it immediately to your dealer. Check the pump shaft to make sure it turns freely by hand.

### **LOCATION OF THE PUMP**

Decide on the area for the pump installation. Select a pump location with adequate space for future pump maintenance. It can be located in the basement or utility room of your house, at the well, or between the house and the well. If installed outside of the house, it should be protected by a pump house with auxiliary heat to prevent possible freezing. The well also should be protected for sanitary reasons. We recommend the ceiling be 3 to 4 feet from the floor.

### **PIPING THE WELL**

Suction tapping on the pump is 1-1/4," (FNPT) in size. Suction pipe diameter should never be smaller than the suction tapping. For deep well installation the drive line is 1". A jet pump performs best when installed close to the well because suction lift and friction losses are kept to a minimum. The tank should also be located as close to the pump as possible to avoid excessive pressure and friction losses. Do not reduce the sizes of pipe between the pump and the water source, it will result in considerable performance loss.

### **DETAILS AND FUNCTION OF PARTS**

A jet pump is comprised of centrifugal pump and an injector. When the pump is filled with water and the motor turned on, the impeller inside the pump case whirls the water away from its center by centrifugal force creating a partial vacuum within the pump case. Water rushes into this vacuum causing a pumping action, much the same as when you drink liquid through a straw. Part of this water flows at high speed through a restricted injector contained in the pump case or if a deep well installation the injector is in the well. Water flowing through the injector creates another partial vacuum which also causes a pumping action. These two pumping actions, centrifugal and jet, are the reason for the jet pump's ability for creating water pressure and volume for today's water systems.

**A Shallow Well Jet Pump** is equipped with an injector mounted in the pump case and can operate up to 25 feet.

**A Convertible Pump** will operate the same as a shallow well pump but can easily convert to deep well operation by removing the shallow well injector and inserting a by-pass plug in its place and putting a deep well injector in the well.

### **INSTALLATION RECORDS**

To keep an accurate record of your installation, be sure to fill out the data.

Date of installation \_\_\_\_\_ Model No. \_\_\_\_\_

Depth of well (ft) \_\_\_\_\_ Depth of water (ft) \_\_\_\_\_

Inside diameter of well \_\_\_\_\_  
Suction Pipe size \_\_\_\_\_ Disch. Pipe size \_\_\_\_\_  
Motor \_\_\_\_\_ HP \_\_\_\_\_ Voltage \_\_\_\_\_  
Power Supply \_\_\_\_\_ Wire size \_\_\_\_\_

### **MOTOR**

A motor operating under normal conditions maintains its rated performance indefinitely. This implies a clean, dry motor with proper ventilation. A dirty motor or one "protected" by a burlap or plastic bag, will overheat.

### **PRESSURE SWITCHES**

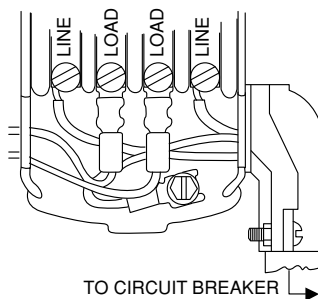
Switches are pre-set for proper performance at the factory and do not usually require adjustment. If adjustment is necessary, switch should be regulated according to the manufacturer's chart located in the switch.

### **ELECTRICAL INSTALLATION**

**CAUTION** Improper wiring can result in permanent damage to the motor. All electrical wiring should meet the local electrical code.

Check motor terminal cover or nameplate for wiring instructions. The essential facts about your pump are:

1. 3450 RPM
2. Single-Phase
3. Heavy Duty
4. 1/3 hp motors are wired for 115 volts
5. 1/2, 3/4, and 1 hp motors are wired for 230 volts



Consult your local voltage supply to make appropriate changes. Check motor terminal cover for wiring instructions.

Use permanently enclosed three-conductor wiring such as conduit or BX cable. The pump must be grounded by attaching the ground wire to

the ground screw in the switch case. The other two wires are attached to the line terminals of the switch.

### **OPERATION**

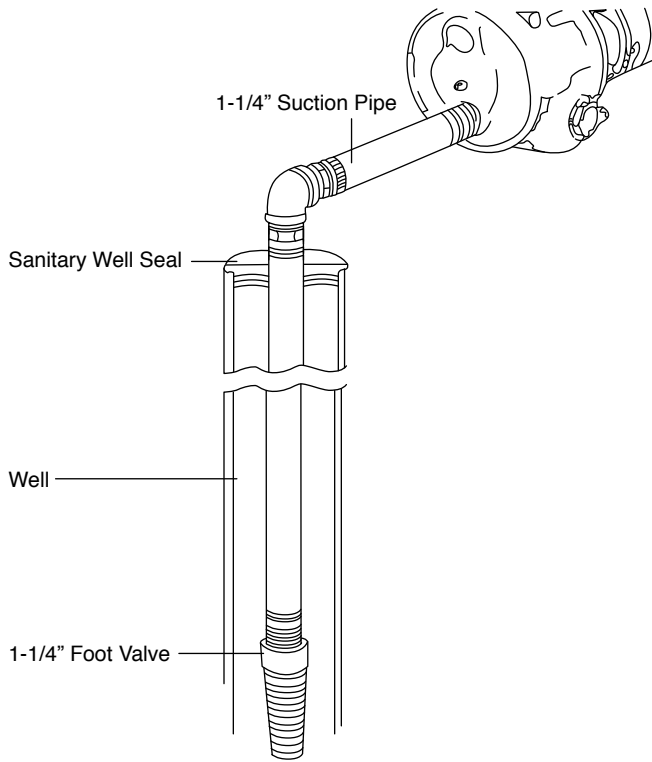
#### **SHALLOW WELL INSTALLATION**

Connect pump to well as shown in **Figure 1**. Support suction pipe, so its weight is not carried by the pump. Installation should include a foot valve in the well or a check valve close to the pump. If the distance from the well to the pump is more than 40 feet, a check valve (installed close to the pump) is recommended in addition to the foot valve. Special care should be taken to ensure that all suction fittings are tight and sealed. Otherwise the pump cannot be primed.

#### **HORIZONTAL OFFSET SUCTION PIPING**

When the pump is offset from the well, the horizontal offset suction piping may have to be increased in diameter to reduce the friction loss. The table below shows recommended pipe sizes, depending on the

**FIGURE 1**



offset distance. Pipe from the pump to the well should slope downward (about 4 inches to every 10 feet).

**DISCHARGE PIPE SIZES FOR SHALLOW WELL INSTALLATIONS**

When the pump is located at a distance from points of water use, it is necessary to increase the discharge pipe size in order to reduce friction loss. The discharge Pipe Size table shows the recommended sizes.

SUCTION PIPE SIZES FOR SHALLOW WELL INSTALLATION (FROM WELL TO PUMP OFFSET)		
PUMP SIZE	1-1/4"	1-1/2"
1/2 hp	Up to 150 ft	150-300 ft
3/4 hp	Up to 75 ft	75-100 ft

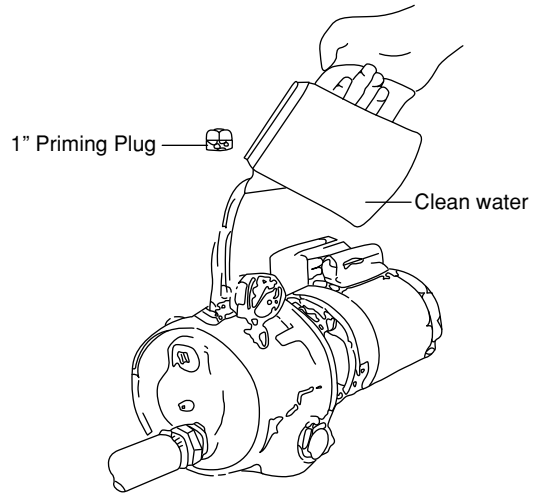
DISCHARGE PIPE SIZES FOR SHALLOW WELL INSTALLATION (FROM PUMP TO SERVICE)		
PUMP SIZE	1"	2"
1/3 hp	10-50 ft	50 to 150 ft
1/2 hp	5-30 ft	30 to 100 ft
3/4 hp	5-25 ft	25 to 100 ft
1 hp	5-20 ft	20 to 50 ft

**PRIMING (SHALLOW WELL)**

**The motor should not be started before pump is primed.**

This is a self-priming pump only when filled with water. To prime the pump, fill the pump case and suction pipe completely with water. Install discharge fitting

using thread sealant. After closing faucets, start pump. Water will start pumping in a few minutes with the time dependent on the depth of the water level and the length of the piping. If after a few minutes of running you do not get water, repeat the priming process as all air was not discharged from the pump. Once the pump is operating, open faucets slowly and let pump operate until water runs clear. If after a reasonable time your water continues to run sandy or dirty, check with your dealer for further instruction. No further priming will be necessary unless the pump is drained for repair or storage, or the foot valve fails.



Pump should not be primed until plumbed together

**DEEP WELL INSTALLATION (DOUBLE PIPE)**

**Control Valve must be used with Deep Well Injector.**

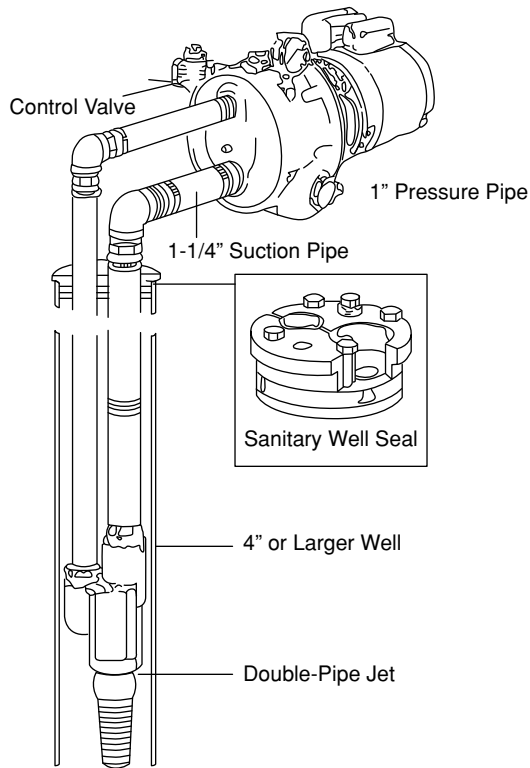
The double pipe installation is used for a 4" or larger well. The Installation should be made as shown in **Figure 2**. If plastic piping is used, the suction tapping is 1-1/4" and the pressure tapping is 1". Mount plastic pipe with two clamps on both 1-1/4" and 1" adapters. Sufficient amount of pipe should be used to lower the jet 10 to 15 feet below the lowest drawdown water level. All hose clamps should be tightened securely. If galvanized steel piping is used, screw first lengths of pipe into the injector footvalve assembly using pipe sealant on male threads only. Lower the jet and pipes into the well. Fill pipes with water to check for leaks and to speed priming. Installation should be made with clean pipe free of burrs.

**CONTROL VALVE FOR DEEP WELL OPERATION**

A control valve is required for all deep well installations. See **Figure 3**. When installed, the control valve will need to be adjusted to assure optimum performance as described below:

- (a) loosen **Hex Nut**.
- (b) rotate **Valve Stem** to closed position.
- (c) prime pump (completely fill pump and piping with water).
- (d) start pump.
- (e) open valve stem slowly to regulate discharge into service line. Observe pressure gauge and continue to open valve until pressure starts dropping off and a

**FIGURE 2**

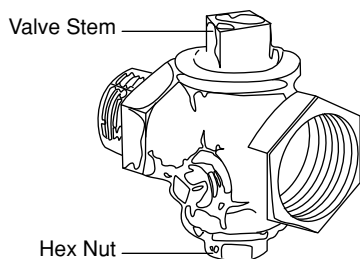


noticeable reduction in flow is observed, then turn **Valve Stem** in opposite direction until flow and pressure on gauge has stabilized.  
 (f) tighten **Hex Nut**.

**PRIMING (DEEP WELL)**

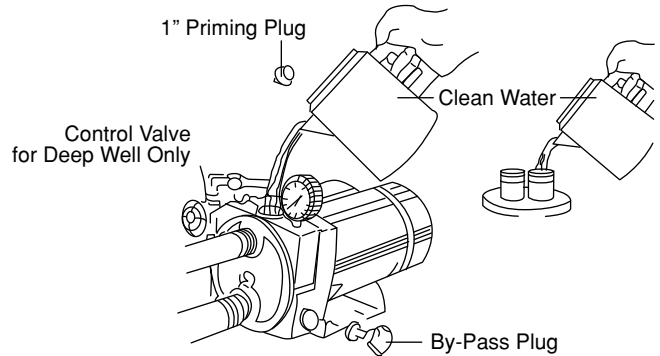
The motor should not be started until pump is primed. To prime the pump, remove the priming plug or discharge plumbing line and fill pump and piping with water. Replace plug or discharge line. Open faucet in water system. Then release nut at bottom of control valve, so you can turn valve to closed position. Turn on pump and let pressure build in system, then gradually open control valve until pump is delivering adequate amount of water without losing prime and without excessive noise. On all installations, it is best to check if your water runs clear before you connect complete system. Let pump operate until water runs clear. However, if after a reasonable time water continues to run sandy or dirty, check with your dealer for further instructions.

**FIGURE 3**



**DEEP WELL PIPE SIZES - WELL TO PUMP (OFFSET)  
 (FOR DEEP WELL INSTALLATIONS)**

PUMP SIZE	UNDER 20 FT	20 TO 60 FT	60 TO 100 FT	100 TO 150 FT
1/3 hp	1-1/4 x 1	1-1/2 x 1-1/4	1-1/2 x 1-1/4	2 x 1-1/2
1/2 hp	1-1/4 x 1	1-1/2 x 1-1/4	1-1/2 x 1-1/4	2 x 1-1/2
3/4 hp	1-1/4 x 1	1-1/2 x 1-1/4	2 x 1-1/2	2-1/2 x 2
1 hp	1-1/4 x 1	1-1/2 x 1-1/4	2 x 1-1/2	2-1/2 x 2



Prime piping in well before completing installation. When all connections have been made, prime pump.

**MAINTENANCE**

**LUBRICATION**

The pump requires only water for lubrication and must never be run dry.

**DRAINING**

If your pump must be drained for service or to prevent freeze damage, remove the discharge fitting and the drain plug from the pump case. Note; while this will drain the pump, it will not necessarily drain all the unprotected parts of the piping system. To drain tank, disconnect the piping at the tank outlet.

The Air Volume Control can be drained by unscrewing fitting and turning control upside down. This will allow water back into tank where it will drain. All piping exposed to freezing should be drained.

**CAUTION** Do not run pump after being drained.

**SERVICING AND DISASSEMBLY**

**CAUTION** When disconnecting pump, be sure breaker box leads are disconnected or power is turned off. After reassembling the pump, refer to priming instructions before running pump.

If you experience problems with your pump, determine the trouble using "Troubleshooting Guide". If shallow well injector needs servicing, it can quickly be removed from pump without disturbing pump or piping. If impeller, motor, or seal need servicing, disconnect the pressure line from pressure switch and remove bolts holding bracket to pump case. Take off motor and bracket assembly, do not disconnect pipes. This will expose Impeller. Unscrew impeller from shaft to reach seal. Reassemble in reverse order. Clean square ring and sealing surfaces and lightly lubricate to aid in assembly.

## TROUBLESHOOTING GUIDE

Problem	Possible Cause	Remedy
Motor will not start	<ol style="list-style-type: none"> <li>1. Open switches, blown fuses or loose connections.</li> <li>2. Improper connections to motor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check switches, fuses and connections.</li> <li>2. Make sure connections are tight.</li> </ol>
Motor overheats	<ol style="list-style-type: none"> <li>1. Improper voltage or wiring connections.</li> <li>2. Pump is operating at too low a discharge pressure.</li> <li>3. Improper ventilation for motor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check to see if your voltage is the same as indicated on motor plate. Be sure all wiring connections are tight.</li> <li>2. Cut back control valve gradually until operation is constant.</li> <li>3. Check to see if motor is clean.</li> </ol>
Gravelly noises inside pump (cavitation)	<ol style="list-style-type: none"> <li>1. Water level below 25 feet.</li> <li>2. Suction pipe diameter is too small or length of pipe too long.</li> <li>3. End of suction is mud or sand.</li> <li>4. Discharge pressure too low.</li> </ol>	<ol style="list-style-type: none"> <li>1. Call your dealer.</li> <li>2. Use a larger diameter pipe.</li> <li>3. Raise end of suction pipe or clean out well.</li> <li>4. Change control valve gradually until trouble is corrected.</li> </ol>
Loss of pressure when no water is used	<ol style="list-style-type: none"> <li>1. Leaks in piping or valves.</li> <li>2. Gas in water.</li> <li>3. Water level drops below the end of the pipe.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check connections.</li> <li>2. Call your dealer.</li> <li>3. Pump is out producing the well. Close down control valve gradually until pump starts operating properly.</li> </ol>
Pump does not deliver water or pressure	<ol style="list-style-type: none"> <li>1. The pump is not full of water.</li> </ol>	<ol style="list-style-type: none"> <li>1. Stop the pump, fill with water, check all pipe connections to make sure there are no air leaks and try again.</li> </ol>
Low pressure (if pump delivers water but at a low pressure)	<ol style="list-style-type: none"> <li>1. The motor is not up to speed.</li> <li>2. The impeller or injector nozzle is partially plugged.</li> <li>3. Air is leaking into the suction line.</li> </ol>	<ol style="list-style-type: none"> <li>1. See if you have proper voltage and tight wiring connections.</li> <li>2. Check impeller or nozzle for rocks or debris. Refer to disassembly instructions for getting to impeller.</li> <li>3. Check suction line connections.</li> </ol>
Low capacity	<ol style="list-style-type: none"> <li>1. Water level is deeper than 25 feet.</li> <li>2. Using too long a pipe from the water to the pump.</li> <li>3. Plugged impeller or injector nozzle.</li> <li>4. The pipe from the pump to the water is partially plugged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Pumping level cannot pump below 25 feet. Call dealer.</li> <li>2. Use a larger diameter pipe.</li> <li>3. Check impeller and nozzle. Refer to disassembly instructions.</li> <li>4. Check pipe.</li> </ol>
Air logging (excessive air in pipe)	<ol style="list-style-type: none"> <li>1. Air leaks in pipe.</li> <li>2. Gas in water.</li> <li>3. Water level drops below the end of the pipe.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check connections.</li> <li>2. Call your dealer.</li> <li>3. Pump is out producing the well. Close down control valve gradually until pump starts operating properly.</li> </ol>

# MODEL RM2 AND PROSERIES

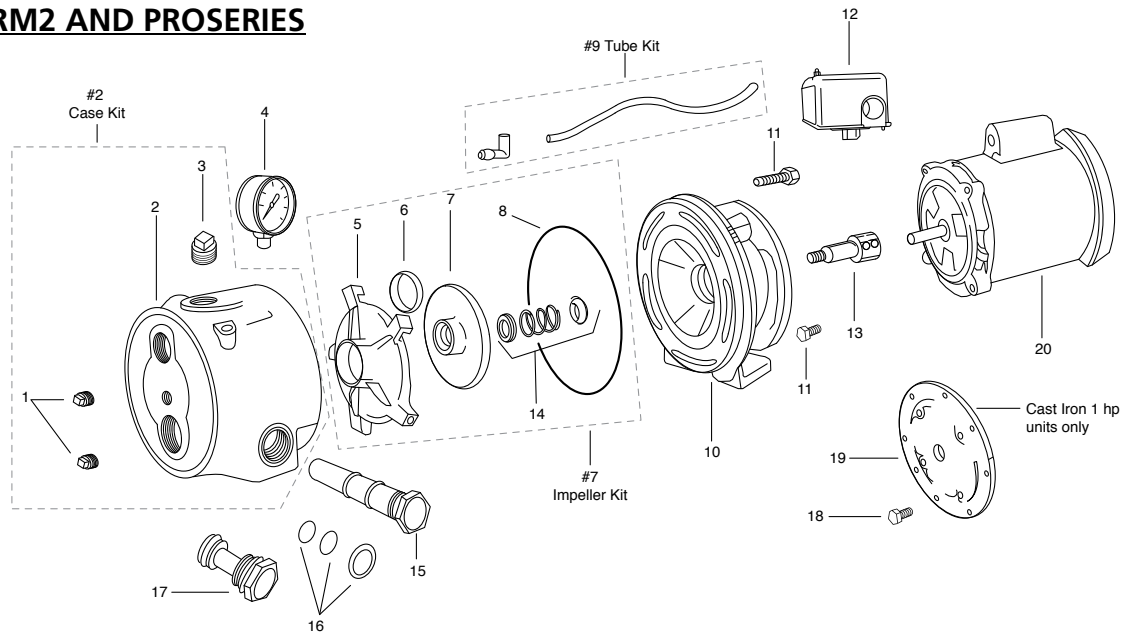


Figure No.	Part No.	Description
1	31-0059-11-06PK	Plug 1/4" (6 per kit)
2	03-0642-01-R	Case #4974 w/plugs & wear-rings #6
3	31-0063-07	1" Plug
4	9193-4018	Pressure Gauge 0-100 lbs
5		Diffuser See #7 Impeller Kit
6	08-0845-19-06PK	Wear Ring Kit (6 per kit)
All Impeller Kits include: Impeller, Diffuser, Mech. Seal, Sq.-Ring, Wear-Ring. #5,6,7,9,12,15,16		
7	24-0145-08	Impeller Kit #2794 @ 4-3/4 D for 1/2 hp
	24-0146-07	Impeller Kit #2794 @ 5 D for 3/4 hp
	24-0149-04	Impeller Kit #2794 @ 5-3/8 D for 1 hp
	24-0172-46	Impeller Kit #2794 @ 5-3/8 D for 1PRM3
For units built prior to 7/96 use the following impeller repair kits, they include a new shaft coupling w/ 9/16" thread #14		
7	24-0124-03	Impeller Kit #2794 @ 4-3/4 D for 1/2 hp
	24-0125-02	Impeller Kit #2794 @ 5 D for 3/4 hp
	24-0126-01	Impeller Kit #2794 @ 5-3/8 D for 1 hp
8	47-0262-57-02PK	Square-Ring Kit (2 per kit)
9	31-0020-09-R016	Copper tube kit 16-1/2" long with elbow #8
	31-1197-04-K	Tube Kit 1/4 x 14-1/2" long w/ barb #8
10	02-1255-08-R	Bracket Kit #4895 for 1/2 hp w/ fasteners
	02-1256-07-R	Bracket Kit #4895 for 3/4 hp w/ fasteners
	02-1272-07-R	Bracket Kit #4895 for 1 hp w/ fasteners
	02-1363-07-R	Bracket Kit #4895 for 1PRM3 w/ fasteners
11	14443303-K	*Fastener Kit
12	PRSW3050	Pressure Switch set 30-50PSI
13	07-3610-09-R001	Shaft Coupling 9/16 thrd. w/ set screws
	07-2152-05-R001	Shaft Coupling 7/16 thrd. w/ set screws
14	10-1203-01	Mechanical Seal 3/4" all but PRM3
	10-1202-02	Mechanical Seal 5/8" f/PRM3 only
15	18-1278-03-R	Shallow Well Injector #1024 for 1/2 hp
	18-1279-02-R	Shallow Well Injector #1027 for 3/4 hp
	18-1280-09-R	Shallow Well Injector #1028 for 1 hp
16	47-0123-48-R	O-Ring Kit for SW inj. & DW plug=
17	18-1291-06-R	Deep Well plug assembly w/ O-Rings
18	14-1289-12-R	Pro Series capscrews 5/16-24x3/4 (4 each)
19	11-0280-08-R	Adapter flange for FP1C1-C
20	Motor	See Motor Selection Page
Kit	24-0127-00	Seal O-Ring Kit for ProSeries includes; mech.-seal, o-rings, and sq.-ring #9,16,18

\*Fastener Kit #14443303-K includes the following:  
 5 each 3/8 - 16 x 1-3/4 SS Hex Capscrews #12  
 4 each 3/8 - 16 x 3/4 Plated Hex Capscrews #15  
 4 each 3/8 - 16 x 7/8 Plated Hex Capscrews #15

# MODEL RP2

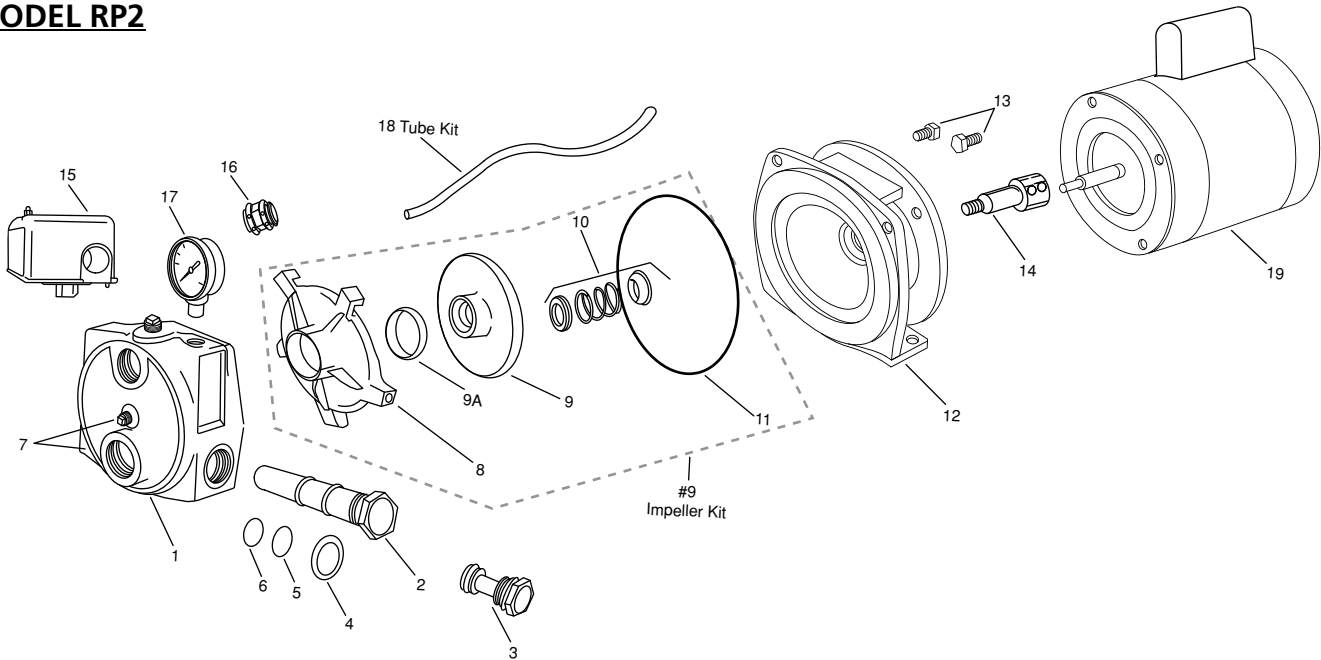


Figure No.	Part No.	Description
1	03-0636-09-R	Case Kit w/wear-ring #9 and plugs #7 & #22
2	18-1247-01-R	Shallow well injector #1023 for 1/2 hp - with O-Rings
	18-1248-00-R	Shallow well injector #1034 for 3/4 hp - with O-Rings
3	18-1290-07-R	Deep well plug assembly - with O-Rings
4,5,6	24-0174-44	O-Ring Kit for shallow well injector and deep well plug #2 & #3
7	31-0059-11-06PK	Plug 1/4" galv. (available in 6 pack only)
All Impeller Kits Include: Impeller, Diffuser, Mech. Seal, Sq.-Ring- Fig. No. 8,9,9A,10,11		
8	Diffuser	See #9 Impeller Kit
9	24-0121-06	Impeller Kit #2794 @ 4.69 D - 7/16 T for 1/2 hp
	24-0122-05	Impeller Kit #2794 @ 4.94 D - 7/16 T for 3/4 hp
9a	08-0845-19-06PK	Wear-Ring Kit (6 per kit)
10	10-1203-01	Mechanical Seal 3/4" (also included in impeller & Seal O-Ring kits)
11	47-0258-53-02PK	Square-Ring Kit 6 x 1/8 x 1/8 (2 per kit)
12	02-1101-04-R	Bracket w/ 4-3/4" imp-fit #4933 patt. For 1/2 hp models w/ capscrews #13
	02-1102-03-R	Bracket w/ 5" imp-fit #4933 patt. For 3/4 hp models w/ capscrews #13
13	14443204-K	*Fastener Kit
14	07-21521-05-R001	Shaft Coupling 7/16 thread - with set screws #15
15	PRSW2040	Pressure Switch set 20-40
16	23-2647-08	Box Spacer
17	9193-4018	Pressure Gauge 0 - 100 lbs
18	31-1197-04-K	Tube Kit 1/4 x 14-1/2" poly-black w/barb #18
19	Motor	See Motor Selection page
Kit	24-0123-04	RP2 Convertible Jet Seal / Sq.-ring Kit, Includes: Mech.Seal #10, Sq.-Ring #11, Shallow well Injector O-Rings (3) #4,5,6

\*Fastener Kit #14443203-K includes the following: 8 each 3/8 - 16 x 3/4 plated Hex capscrews #13

# MODEL CWJ AND SRP3

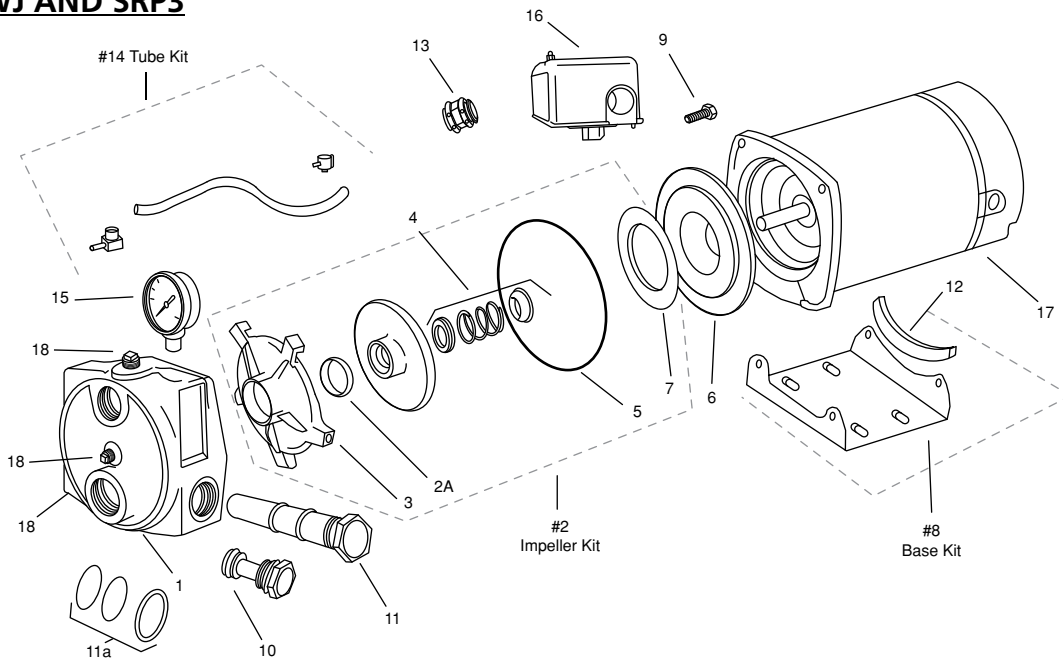


Figure No.	Part No.	Description
1	03-0838-05-R	Case Kit #11355 w/ wear-ring, plugs, capscrews. #1,2a,9,20,21
All Impeller Kits include: Impeller, Diffuser, Wear-Ring, Mech. Seal, O-Ring, Disk. -No. 2,2a,3,4,5 & 7		
2	24-0139-06	Impeller Kit #2794 @ 4.47 D for 1/2 hp
	05-3923-03-RKIT	Impeller Kit #2794 @ 4.94 for 3/4 hp
	05-3857-03-RKIT	Impeller Kit #2794 @ 4.88 D for 1 hp
2A	08-0845-19-06PK	Wear Ring Kit (6 per kit) - also 1 is included with Impeller Kit
3		Diffuser
4	10-0002-06	Mechanical Seal (also included w/impeller kits)
5	47-0361-48-02PK	O-Ring Kit 6 x 6-3/8 x 3/16 (2 per kit)
6	11-1521-05-R	Seal Plate 6-1/2" dia.
7		Disk
8	12-1057-06-R	Base w/Protector #12
9	14443204-K	*Fastener Kit
10	18-1290-07-R	Deep Well Plug Assembly - with O-Rings
11	18-1248-00-R	Shallow Well Injector #1034 for 3/4 hp - with O-Rings
	18-1701-00-R	Shallow Well Injector #1234 for 1 hp - with O-Rings
	18-1247-01-R	Shallow Well Injector #1023 for 1/2 hp - with O-Rings
11a	24-0174-44	O-Ring Kit for shallow well injector #11 and deep well plug #10
12	Rubber Protector	See #8 Base Assembly
13	23-2647-08-R	Box Spacer
14	31-1197-04-K	Tube Kit 1/4 x 14-1/2' poly-black w/barb #16
15	9193-4018	Pressure Gauge 1/4" M 0-100#
16	PRSW2040	Pressure Switch set 20-40
17	Motor	See Motor Selection Page
18	Case Plugs	See #1 Case Kit
Kit	24-0085-00	Convertible Jet Pump Seal/O-Ring Kit, includes: Mech.-seal #4, case O-Ring #5, injector O-Rings #11a

\*Fastener Kit #14443204-K includes the following: 4 each 3/8 - 16 x 1.25 Hex capscrews









## U.S. LIMITED WARRANTY\*

### Franklin Electric Co., Inc.

Franklin Electric Co., Inc. warrants its new products to be free of defects in material and workmanship for a period of 1 year from date of installation or 2 years from date of manufacture, whichever comes first, WHEN installed in clean, potable water applications. Warranty does not cover applications pumping saltwater or other corrosive liquids. Consult and adhere to local codes for all applications. Franklin Electric Co., Inc. also provides additional warranty coverage on specific products as specified herein.

Franklin Electric's warranty obligation with regard to equipment not of its own manufacture is limited to the warranty actually extended to Franklin Electric by its suppliers.

This warranty extends only to the original retail purchaser and only during the time in which the original retail purchaser occupies the site where the product was originally installed.

Requests for service under this warranty shall be made by contacting the installing Franklin Electric dealer (point of purchase) as soon as possible after the discovery of any alleged defect. Franklin Electric will subsequently take corrective action as promptly as reasonably possible.

Franklin Electric at its discretion may replace or repair any product that fails under this warranty after inspection by an authorized company representative or after Franklin Electric has received the product at our factory. Replacement or repair cannot be made until after the product is inspected. All charges or expenses for freight to and from the factory, removal and reinstallation of the product, or installation of a replacement product are the responsibility of the purchaser.

**THIS WARRANTY SUPERSEDES ANY WARRANTY NOT DATED OR BEARING AN EARLIER DATE. ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE, INCLUDING MERCHANT ABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE APPLICABLE WARRANTY PERIOD. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. IN NO EVENT SHALL FRANKLIN ELECTRIC BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.**

This warranty does not apply to any product which has been subjected to negligence, alteration, accident, abuse, misuse, improper installation, vandalism, civil disturbances, or acts of God. The only warranties authorized by Franklin Electric are those set forth herein. Franklin Electric does not authorize other persons to extend any warranties with respect to its products, nor will Franklin Electric assume liability for any unauthorized warranties made in connection with the sale of its products.

**THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.**

\* Contact Franklin Electric Co., Inc. Export Division for International Warranty.



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