

NORTHWEST PIPE FITTINGS, INC  
OF SCOTTSBLUFF, NE

PRESURE TANKS

COMPUTER #	DESCRIPTION
534-0122	WX-202PRO 20GAL WELL-X-TROL TANK
534-0148	WX-203PRO 32GAL WELL-X-TROL TANK
534-0156	WX-205PRO 34GAL WELL-X-TROL TANK
534-0164	WX-250PRO 44GAL WELL-X-TROL TANK
534-0180	WX-251PRO 62GAL WELL-X-TROL TANK
534-0822	WX-255PRO 81GAL WELL-X-TROL TANK
534-0202	WX-302PRO 86GAL WELL-X-TROL TANK
534-0225	WX-350PRO 119GAL WELL-X-TROL TANK



# WELL-X-TROL® PRO Access®

Model No.	Tank Vol.		Max. Accept. Factor	A Height		B Diameter		Sys. Conn. <sup>1</sup> ins.	Factory Pre-charge PSIG	Working Pressure PSIG <sup>2</sup>	Ship Wt.	
	Lit.	Gal		mm	ins.	mm	ins.				kg	lbs.
WX-202P	76	20.0	0.57	803	31 <sup>3</sup> / <sub>8</sub>	390	15 <sup>3</sup> / <sub>8</sub>	1	38	150	15.0	33
WX-202XLP	98.4	26.0	0.44	971.5	38 <sup>3</sup> / <sub>8</sub>	390.5	15 <sup>3</sup> / <sub>8</sub>	1	38	150	16.3	36
WX-203P	121	32.0	0.35	1181	46 <sup>1</sup> / <sub>2</sub>	390	15 <sup>3</sup> / <sub>8</sub>	1	38	150	20.0	43
WX-205P	129	34.0	1.00	752	29 <sup>3</sup> / <sub>8</sub>	559	22	1 <sup>1</sup> / <sub>4</sub>	38	150	28.0	61
WX-250P	167	44.0	0.77	914	36	559	22	1 <sup>1</sup> / <sub>4</sub>	38	150	31.0	69
WX-251P	235	62.0	0.55	1187	46 <sup>3</sup> / <sub>4</sub>	559	22	1 <sup>1</sup> / <sub>4</sub>	38	150	41.0	92
WX-255P	306.6	81.0	0.41	1432	56 <sup>3</sup> / <sub>8</sub>	558.8	22	1 <sup>1</sup> / <sub>4</sub>	38	150	38.4	103
WX-302P	326	86.0	0.54	1200	47 <sup>1</sup> / <sub>4</sub>	660	26	1 <sup>1</sup> / <sub>4</sub>	38	150	56.0	123
WX-350P	450	119.0	0.39	1572	61 <sup>1</sup> / <sub>8</sub>	660	26	1 <sup>1</sup> / <sub>4</sub>	38	150	75.0	166

## Max. Operating Conditions

Operating Temperature	200° F (93° C)
Working Pressure	150 PSIG (1034 kPa)

## Specifications

Description	Standard Construction
Shell	Steel
Diaphragm	Butyl
Liner	Polypropylene
System Connection	Stainless Steel NPTF



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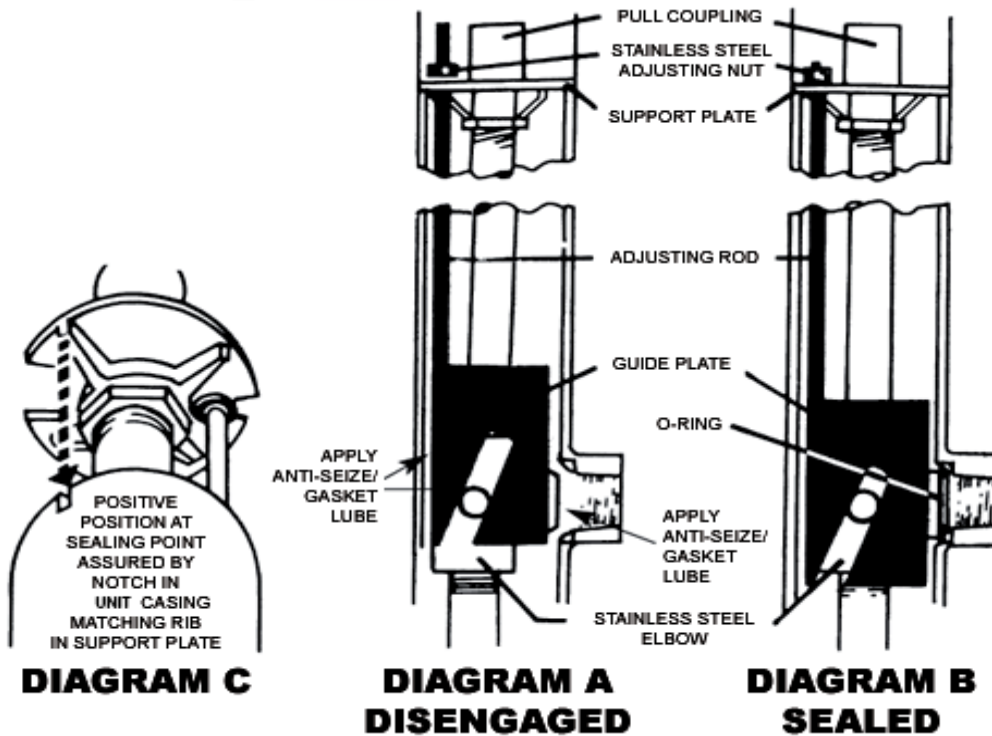
PITLESS UNITS

COMPUTER #	DESCRIPTION	
495-0250	MB100 1" BRASS MINI PITLESS	
495-0266	MB125 1 1/4" BRASS MINI PITLESS	

495-0286	SP404WC 4"x4' PITLESS UNIT	
495-0386	SP504WC14 5"x4' PITLESS UNIT	
495-0390	SP505WC14 5"x5' PITLESS UNIT	

PARTS

495-0862	WC500 5" WATERTITE CAP	
495-0894	505 SCREENED VENT F/WC500 CAP	
495-2678	PRV50 1/2" PRESSURE RELIEF VALVE	
495-2680	PRV757 3/4" PRESSURE RELIEF VALVE	
495-2690	BB075 3/4" BRASS BLEEDER ORIFICE	
495-4562	OR222 DISCHARGE O-RING F/MINI	
495-6604	OR220 DISCHARGE O-RING F/SP	



**NORTHWEST PIPE FITTINGS, INC  
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**WELL SUPPLIES**

**PRESSURE GAUGES**

COMPUTER #	DESCRIPTION	
528-1576	IGP302-4L 2" 0-30# PRESSURE GAUGE 1/4"	
528-1824	IPG1002-4L 2" 0-100# PRESSURE GAUGE 1/4"	
528-1840	IPG2002-4L 2" 0-200# PRESSURE GAUGE 1/4"	
528-9960	VG302-4L 30HG "2" VACUUM GAUGE 1/4"	



**PRESSURE SWITCHES**

COMPUTER #	DESCRIPTION	
502-0390	DG2FORMR SQD FLOAT SWITCH	
502-0402	9013FSG2 20/40 PRESSURE SWITCH	
502-0436	9013FSG2 30/50 PRESSURE SWITCH	
502-0463	9013FSG2 40/60 PRESSURE SWITCH	



**TANK CROSSES**

COMPUTER #	DESCRIPTION	
483-0040	HC100G 1" GALVANIZED TANK CROSS	
483-0042	HC125G 1 1/4" GALVANIZED TANK CROSS	



**CHECK VALVES**

COMPUTER #	DESCRIPTION	
SPRING TYPE		
493-5380	LF5100-1/2 1/2" BRASS CHECK VALVE	
493-5670	6300-3/4 3/4" BRASS CHECK VALVE	
493-5688	6300-1 1" BRASS CHECK VALVE	
493-5696	6300-1 1/4 1 1/4" BRASS CHECK VALVE	
493-5700	6300-1 1/2 1 1/2" BRASS CHECK VALVE	
493-5718	6300-2 2" BRASS CHECK VALVE	



**SWING TYPE**

252-2510	2050T 1/2" BRASS SWING CHECK VALVE	
252-2511	2050T 3/4" BRASS SWING CHECK VALVE	
252-2512	2050T 1" BRASS SWING CHECK VALVE	
252-2513	2050T 1 1/4" BRASS SWING CHECK VALVE	
252-2514	2050T 1 1/2" BRASS SWING CHECK VALVE	
252-2515	2050T 2" BRASS SWING CHECK VALVE	
252-2516	2050T 2 1/2" BRASS SWING CHECK VALVE	
252-2517	2050T 3" BRASS SWING CHECK VALVE	
252-2518	2050T 4" BRASS SWING CHECK VALVE	



**FOOT VALVES**

COMPUTER #	DESCRIPTION	
493-5218	5340-1 1" BRASS FOOT VALVE	
493-5226	5340-1 1/4 1 1/4" BRASS FOOT VALVE	
493-5242	5340-1 1/2 1 1/2" BRASS FOOT VALVE	
493-5250	5340-2 2" BRASS FOOT VALVE	



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**WELL SUPPLIES CONT.**

**WELL SEALS**

COMPUTER #	DESCRIPTION	
481-2888	SWS4X11/4 4"x11/4" WELL SEAL	
481-2973	41/2X11/4SCH 166 41/2"x11/4" CI WELL SEAL	
481-3058	5X1SCH 121 5"x1" CI WELL SEAL	
481-3066	5X11/4SCH 122 5"x11/4" CI WELL SEAL	
481-3112	SWS6X1 6"x1" WELL SEAL	
481-3120	SWS6X11/4 6"x11/4" WELL SEAL	



**AIR VOLUME CONTROLS**

COMPUTER #	DESCRIPTION	
482-3036	AV-80 29307E AIR VOL CONTROL	
482-3084	AVP-1 1" AIR/VAC RELIEF VALVE	
482-3132	AV-150 1 1/2" AIR RELEASE VALVE	
482-3134	AV-150 2" AIR RELEASE VALVE	
482-4000	CRP-8 1" WATERMAN AIR VAC VALVE	



**SNIFTER VALVES**

COMPUTER #	DESCRIPTION	
482-1082	SN18L 1/8" SNIFTER AIR VALVE	
482-1146	SN25 1/4" BRASS SNIFTER AIR VALVE	



**PUMP BASE FLANGE**

COMPUTER #	DESCRIPTION	
498-0486	1 1/4" MP-11 PUMP BASE FLANGE	



**MISCELLANEOUS**

COMPUTER #	DESCRIPTION	
525-0484	3/4"x60' BLACK ELECTRICAL TAPE	
524-0052	HSCL-4 HEAT SHRINK SPLICE KIT	
527-0828	SSR500B 1/4"x500' SUMP ROPE (PER FOOT)	



**PUMP WIRE**

COMPUTER #	DESCRIPTION	
527-0310	12-3 W/GROUND FLAT SUB-PUMP WIRE 500'	
527-0312	10-3 W/GROUND FLAT SUB-PUPM WIRE 500'	

wire is per foot price



**PVC SCH 80 DROP PIPE**

COMPUTER #	DESCRIPTION	
142-0362	1"x20' SCH80 THD DROP PIPE	
142-0388	1 1/4"x20' SCH 80 THD DROP PIPE	



**DROP PIPE COUPLINGS**

COMPUTER #	DESCRIPTION	
032-0658	1" GALVANIZE MERCHANT COUPLING	
032-0666	1 1/4" GALVANIZE MERCHANT COUPLING	
040-0052	BC1 1" BRASS COUPLING	
040-0060	BC 1 1/4" BRASS COUPLING	
067-3788	SSDPC125 1 1/4" 304 STAINLESS STEEL CPLG	



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**WELL SUPPLIES CONT.**

**PUMP ROD**

COMPUTER #	DESCRIPTION	
495-0056	7/16"x18' GALVANIZED PUMP ROD W/COUPL	
495-0080	7/16"x21' GALVANIZED PUMP ROD W/COUPL	
price is per foot		
481-8872	8075D1 7/16" ROD COUPLING	



**SAND POINTS**

COMPUTER #	DESCRIPTION	
481-0326	SBD3060 11/4"x30" SAND POINT	
481-0368	SBD3660 11/4"x36" SAND POINT	
481-0422	SBD4860 11/4"x48" SAND POINT	
481-0480	SBD6060 11/4"x60" SAND POINT	

**BRASS WINDMILL CYLINDERS**

COMPUTER #	DESCRIPTION	
481-1562	2"X16" 8" STROKE BRASS WELL CYLINDER	
481-1588	2"X18" 10" STROKE BRASS WELL CYLINDER	
481-1600	2"X20" 12" STROKE BRASS WELL CYLINDER	
481-1634	2 1/4"X16" 8" STROKE BRASS WELL CYLINDER	
481-1650	2 1/4"x18" 10" STROKE BRASS WELL CYLINDER	
481-1706	2 1/2"X16" 8" STROKE BRASS WELL CYLINDER	
481-1708	2 1/2"x18" 10" STROKE BRASS WELL CYLINDER	



**WINDMILL CYLINDER LEATHERS**

COMPUTER #	DESCRIPTION	
481-6894	706-264 2"x5/16" WELL LEATHER	
481-7048	706-358 2 1/2"x15/8" WELL LEATHER	
481-8090	711-264 2"x15/16" WELL LEATHER	
481-8234	711-333 2 1/4"x13/8" WELL LEATHER	
481-8250	711-334 2 1/4"x1 1/2" WELL LEATHER	
481-8300	711-346 2 1/2"x5/8" WELL LEATHER	
481-8306	711-358 2 1/2"x15/8" WELL LEATHER	
481-8444	711-410 3"x2" WELL LEATHER	



**BRASS AND STEEL INSERT FITTINGS**

COMPUTER #	DESCRIPTION	
089-0000	S12 1/2" STEEL MIP ADAPTER	
089-0122	S12 3/4" STEEL MIP ADAPTER	
089-0244	S12 1" STEEL MIP ADAPTER	
089-0366	S12 1 1/4" STEEL MIP ADAPTER	
089-0488	S12 1 1/2" STEEL MIP ADAPTER	
089-0606	S12 2" STEEL MIP ADAPTER	
089-0608	S12 3" STEEL MALE ADAPTER	
089-0610	S12 4" STEEL MALE ADAPTER	
090-0246	B12 1/2" BRASS MIP ADAPTER	
090-0262	B12 3/4" BRASS MIP ADAPTER	
090-0288	B12 1" BRASS MIP ADAPTER	
090-0300	B12 1 1/4" BRASS MIP ADAPTER	
090-0326	B12 1 1/2" BRASS MIP ADAPTER	



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**STOCK TANK SUPPLIES**

COMPUTER #	DESCRIPTION	
<b>BRASS FLOAT VALVES</b>		
530-0184	3/8" R400 BOB FLOAT VALVE	
530-0206	1/2" R400 BOB FLOAT VALVE	
530-0230	3/4" R400 BOB FLOAT VALVE	
530-0264	1" R400 BOB FLOAT VALVE	



COMPUTER #	DESCRIPTION	
<b>FLOAT BALLS</b>		
530-0328	5" R440-5 5" COPPER FLOAT BALL	
530-0386	5" PF5 POLY FLOAT BALL	
530-0388	6" PF6 POLY FLOAT BALL	



COMPUTER #	DESCRIPTION	
<b>ACCESSORIES</b>		
530-0062	R-380 STEM SWIVEL ROD	
530-0420	8" R450-8 BRASS ROD	
530-0424	10" R450-10 BRASS ROD	
530-0474	R460 LONG ARM	
530-0504	R470 SHORT ARM	
530-0546	R480 THUMB SCREW	
530-0748	106270-1 PLUNGER ASSY F/R400-3/4"	
530-0780	100035-1 PLUNGER ASSY F/R400-1"	



COMPUTER #	DESCRIPTION	
<b>TANK NIPPLES</b>		
049-0008	1/2"x6" GALVANIZED TANK NIPPLE	
049-0016	3/4"x6" GALVANIZED TANK NIPPLE	
049-0024	1"x6" GALVANIZED TANK NIPPLE	
049-0032	1 1/4"x6" GALVANIZED TANK NIPPLE	
049-0040	1 1/2"x6" GALVANIZED TANK NIPPLE	
049-0058	2"x6" GALVANIZED TANK NIPPLE	

**Bob® PF Series Polypropylene Floats**

Model	Buoyancy in Ounces (Lbs)
PF5 (Spherical)	34.70 (2.17)
PF6 (Spherical)	61.00 (3.81)



**Bob® R400, R900 Series Valves GPM**

Max PSI	Size	85 PSI	65 PSI	55 PSI	35 PSI	25 PSI	15 PSI	5 PSI
125 PSI	3/8"	13	11.5	10.4	9	7.8	6	4.2
125 PSI	1/2"	22	18	16	12	10	8.5	5.7
100 PSI	3/4"	39.9	32.5	28.8	21	15.2	12.1	9
100 PSI	1"	68.5	61	55	43.5	37.8	24	15.1

**WELL PUMPS**

COMPUTER #	DESCRIPTION	
<b>SUBMERSIBLE PUMPS</b>		
512-0256	7P4D02HL 3/4HP 7GPM 230V SUB. PUMP L/BOX	
512-0262	7P4E02HL 1HP 7GPM 230V SUB. PUMP L/BOX	
512-0450	10P4C01H 1/2HP 10GPM 115V SUB. PUMP L/BOX	
512-0452	10P4C02H 1/2HP 10GPM 230V SUB. PUMP L/BOX	
512-0456	10P4D02H 3/4HP 10GPM 230V SUB. PUMP L/BOX	
512-0460	10P4E02H 1HP 10GPM 230V SUB. PUMP L/BOX	
512-0556	20P4D02H 3/4HP 20GPM 230V SUB. PUMP L/BOX	
512-0562	20P4E02H 1HP 20GPM 230V SUB. PUMP L/BOX	
512-0774	S20P4SH15231 20S 11/2hp 20GPM 230V SUB. L/BOX	
512-2136	L20P4GH 20GPM LIQUID END F/2HP PUMP MOTOR *	
512-2855	P43B0020A2-C 2HP 230V 3W PENTEK MOTOR *	
<b>SUB PUMP CONTROL BOX'S</b>		
512-2500	FRANKLIN 1/2hp 115v SUB PUMP CONTROL BOX	
512-2502	FRANKLIN 1/2hp 230v SUB PUMP CONTROL BOX	
512-2504	FRANKLIN 3/4hp 230v SUB PUMP CONTROL BOX	
512-2506	FRANKLIN 1hp 230v SUB PUMP CONTROL BOX	
512-2508	FRANKLIN 11/2hp 230v SUB PUMP CONTROL BOX	
512-2510	FRANKLIN 2hp 230v SUB PUMP CONTROL BOX	



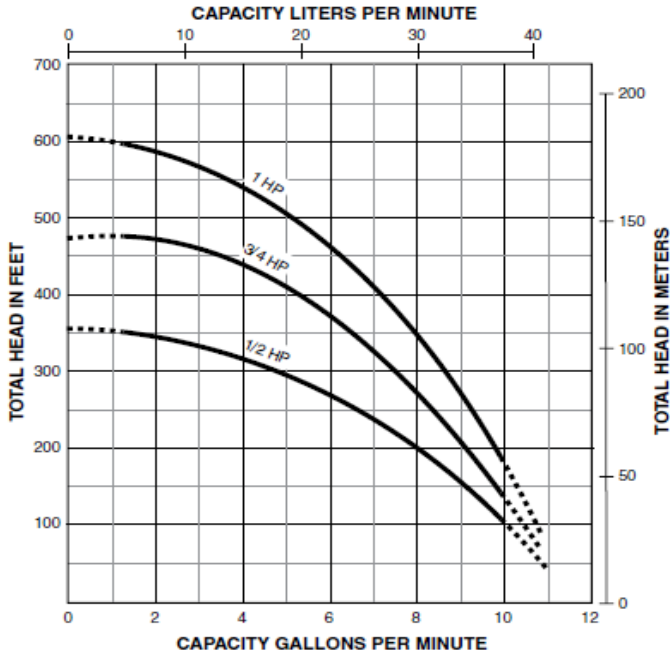
COMPUTER #	DESCRIPTION	
<b>JET PUMPS</b>		
512-0822	SLC 1/2HP CONV JET PUMP ALC	
512-0824	SLD 3/4HP CONV JET PUMP ALD	
512-1106	PNC 1/2HP SELFPRIMING SHALLOW WELL JET PUMP	
512-1108	PND 3/4HP SELFPRIMING SHALLOW WELL JET PUMP	
<b>JET PACKAGES FOR JET PUMPS</b>		
512-3006	1-50E CK3 JET PACKAGE	
512-3010	1-52E CK1 JET PACKAGE	
512-3178	1-28E 1-60SD JET PACKAGE	
512-3180	1-29E2 1-29SD JET PACKAGE	
512-3310	16N 1-12SD JET PACKAGE	
512-5903	1-51E CK5 JET PACKAGE	



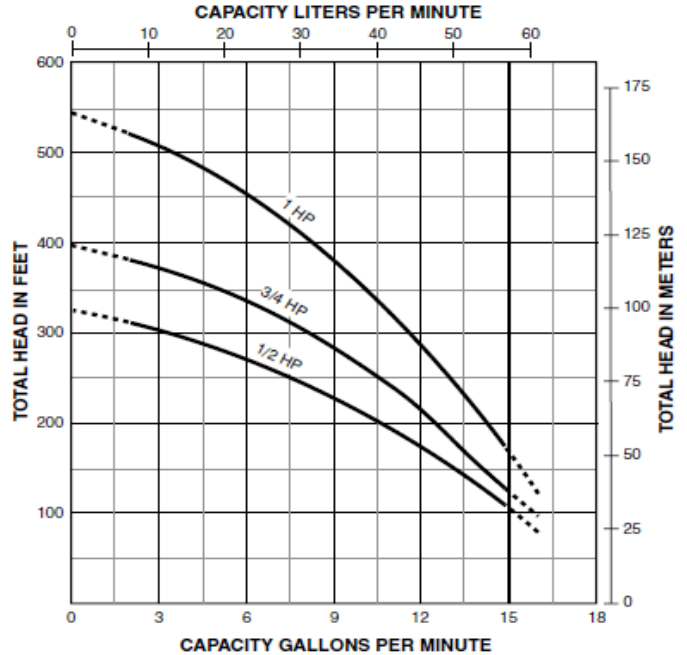
COMPUTER #	DESCRIPTION	
<b>CENTRIFUGAL PUMPS</b>		
512-0896	DHG 2HP SELF PRIMING CENT PUMP	
512-1002	JHE 1HP 115/230V CENTRIFUGAL PUMP	
512-1004	JHF 11/2HP 115/230V CENTRIFUGAL PUMP	
512-1006	JHG 2HP 115/230V CENTRUFUGAL PUMP	



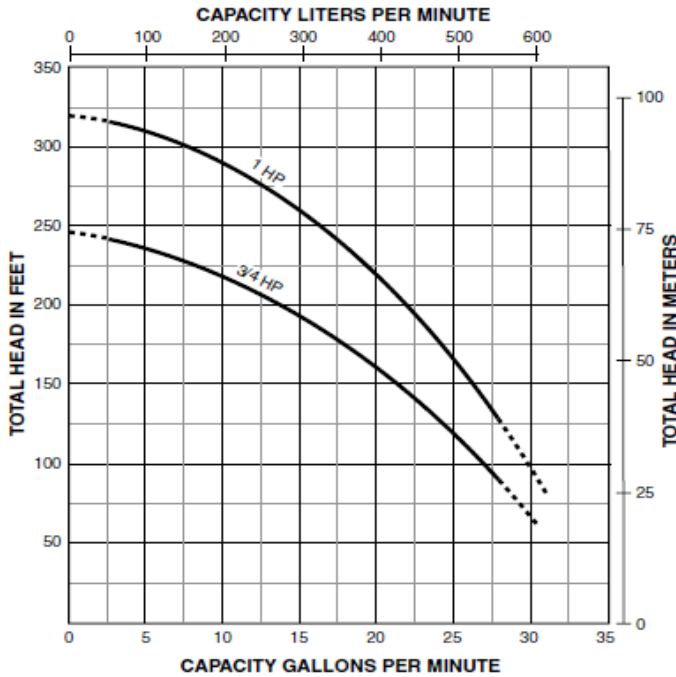
**PUMP PERFORMANCE – 7 GPM**



**PUMP PERFORMANCE – 10 GPM**



**PUMP PERFORMANCE – 20 GPM**



**CONNECTING TO TANK/WATER SYSTEM**

**⚠ WARNING** Hazardous pressure. Submersible pumps can develop very high pressure in some situations. To prevent tank blowup, install a pressure relief valve able to pass full pump flow at 75 PSI (517 kPa) when using an air over water pressure tank. Install a pressure relief valve capable of passing entire pump flow at 100 PSI (690 kPa) when using a pre-charged pressure tank. Install this relief valve between pump and tank.

**NOTICE:** Allowing pump or piping system to freeze may severely damage pump and will void warranty. Protect pump and entire piping system (including pressure tank) from freezing.

**Important Electrical Grounding Information**

**⚠ WARNING** Hazardous voltage. Can shock, burn, or kill. To reduce the risk of electrical shock during pump operation, ground and bond the pump and motor as follows:

- A. To reduce risk of electrical shock from metal parts of the assembly other than the pump, bond together all metal parts accessible at the well head (including metal discharge pipe, metal well casing, and the like). Use a metal bonding conductor at least as large as the power cable conductors running down the well to the pump's motor.
- B. Clamp or weld (or both if necessary) this bonding conductor to the grounding means provided with the pump, which will be the equipment-grounding terminal, the grounding conductor on the pump housing, or an equipment-grounding lead. The equipment-grounding lead, when provided, will be the conductor having green insulation; it may also have one or more yellow stripes.
- C. Ground the pump, motor, and any metallic conduit that carries power cable conductors. Ground these back to the service by connecting a copper conductor from the pump, motor, and conduit to the grounding screw provided within the supply-connection box wiring compartment. This conductor must be at least as large as the circuit conductors supplying the pump



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**YARD & WALL HYDRANTS**

COMPUTER #	DESCRIPTION	
<b>YARD HYDRANTS</b>		
404-2704	Y-1 1"x5'BURY WOODFORD YARD HYDRANT	
404-2836	Y34 3/4"x3'BURY WOODFORD YARD HYDRANT	
404-2852	Y34 3/4"x4'BURY WOODFORD YARD HYDRANT	
404-2878	Y34 3/4"x5'BURY WOODFORD YARD HYDRANT	

Y34-Y1



COMPUTER #	DESCRIPTION	
<b>WALL HYDRANTS</b>		
404-0494	17P 10" WOODFORD WALL FAUCET 1/2" FIPx3/4 MIP	
404-0496	17P 12" WOODFORD WALL FAUCET 1/2" FIPx3/4 MIP	
404-0498	17P 14" WOODFORD WALL FAUCET 1/2" FIPx3/4 MIP	
404-0545	17PX3 10" WOODFORD WALL FAUCET 3/4" PEX	
404-0547	17PX3 12" WOODFORD WALL FAUCET 3/4" PEX	
404-0549	17PX3 14" WOODFORD WALL FAUCET 3/4" PEX	



COMPUTER #	DESCRIPTION	
<b>REPAIR PARTS</b>		
404-2300	RK-14 REPAIR KIT F/ 14-18	
404-2304	RK-17 REPAIR KIT F/17	
404-2308	RK-25 REPAIR KIT F/ 20-25-27	
404-2400	RK-14/17MH METAL HANDLES ONLY	
404-2600	RK-Y34 HYD REPAIR KIT F/Y34 HYD	
404-3678	10011 WOODFORD CPLG	
404-4090	10101 PACKING F/Y34,Y1	
404-4138	10105 PLUNGER UNIT	
404-4444	15001 Y1 WOODFORD HYDRANT HEAD	
404-4460	15003 Y34 WOODFORD HYDRANT HEAD	



**NORTHWEST PIPE FITTINGS, INC  
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**Specifications: For Y-1 and Y-34**

**Female Inlet:** Model Y34 - 3/4" NPT

Model Y1 - 1" NPT

**Casing:** Model Y34 - 1" Galvanized Steel Pipe

Model Y1 - 1 1/4" Galvanized Steel Pipe

**Operating Rod:** 3/8" Galvanized Steel Pipe

**Drain Hole:** Tapped - 1/8" N.P.T.

**Removable Nozzle:** 3/4" Brass Male Hose Nozzle

**Maintenance & Repair** - Woodford has manufactured the IOWA® hydrant since 1929, and although many improvements have been made through the years, all parts are interchangeable. All repairs can be made from top of unit without removing hydrant from the ground.

• **Maximum Working Pressure:** 125 p.s.i.

• **Maximum Temperature:** 120° F

**SPECIFICATIONS: FOR 17P WALL HYDRANT**

• Manufactured under one or more of the following patents: 3,208,715; 3,278,201; 5,590,679; 5,632,303

• ASSE 1019 - Type C Listed

• CSA, cUPC Approved

**FEATURES:**

• 3/4" male hose thread nozzle

• Stainless steel seat - eliminates wire draw

• EPDM packing to prevent leaking

• Full circle operating threads on valve body and retainer

• No-lead solder

• Standard "O" size seat washer

• Powder-coated, die cast aluminum handle

• Optional Tee Key available (extra charge)

• Adjustable polycarbonate wall flange

• MAX PRESSURE - 125 p.s.i.

• MAX TEMPERATURE - 120° F

