

Potable Water Systems

from Zoeller

- Submersible Pumps • Jet Pumps • Centrifugal Pumps
- Lawn Sprinkler Pumps • City Booster Pumps
- Potable Water Accessories



PUMPS SUBMERSIBLE

Stainless Steel/Cast Iron "A" Series 4" Submersible Pumps

7, 11 & 19 GPM MODELS AVAILABLE

- Stainless steel pump and motor shell and drive shaft. Quiet operation. No priming required. Economical operation.
- Submersible pumps are rated by the number of gallons per minute to the well head from various water level depths. Models rated at 7 GPM are for small homes, cottages and light water usage demands, whereas the 11 GPM models are for the average residential size home and family.
- Nationally known Franklin 1/2 thru 1 HP motors used on Zoeller submersible pumps are designed to meet NEMA standards. 1/2 HP models are available in either 115 or 230 volt. The 3/4 and 1 HP models are available in 230 volt only. All models are available with either 2 or 3 wire connection plus ground wire.

3-wire Control Box Part Number		
10-2336	450 Series	1/2 HP
10-2337	451 Series	3/4 HP
10-2338	452 Series	1 HP

Submersible Pump Features

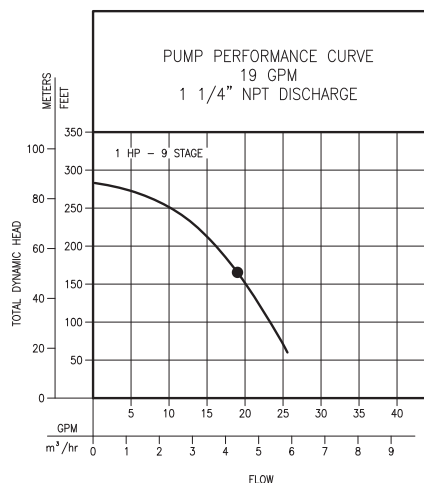
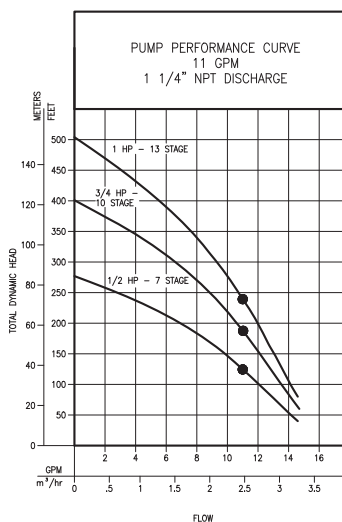
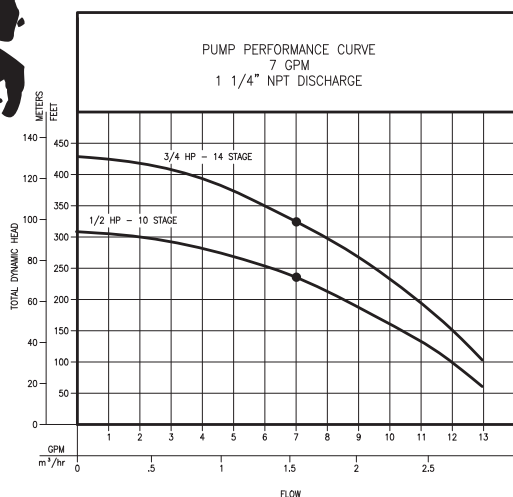
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- 1-1/4" cast iron discharge head prevents cross-threading and cracking in the well.
 - Corrosion resistant stainless steel pump shell.
 - NEMA faced mounting ring for long life and protection from motor torque.
 - Stainless steel hex drive shaft with one-piece stainless steel motor-to-shaft coupling.
 - Franklin Electric® NEMA standard 2 or 3 wire water-cooled motor with ground wire (not shown).
 - Includes internal positive sealing check valve.
 - Non-fusing and corrosion-resistant impellers and diffusers molded of Noryl® resin.
 - Integral suction screen.

Noryl® is a registered Trademark of General Electric Company.

Product may not be exactly as shown.



SUBMERGIBLE PUMPS

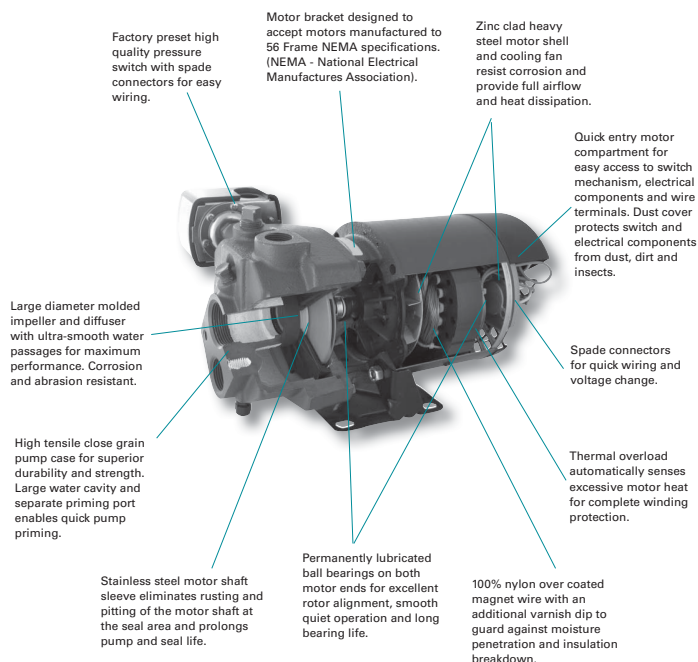
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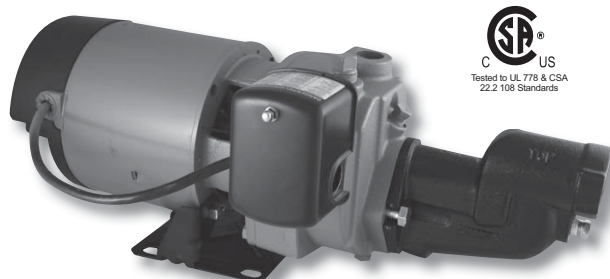
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JET PUMPS



**Precision
Designed to
Provide City
Water Pressures
for Today's
Modern Rural
Lifestyle**

Cast Iron Shallow Well Jet Pumps



- Sturdy cast iron construction.
- Includes removable ejector for easy serviceability.
- Includes pressure switch.
- Thermal overload protects against overheating.
- Special priming port and large volume case makes priming easier.
- Continuous duty uni-frame 56 frame motor (NEMA J adaptable).
- Capacitor start motors provide maximum starting torque.
- Stainless steel motor shaft sleeve for corrosion resistance.
- Easy access drain plug for winterizing.
- Carbon/silicon mechanical shaft seal.
- 1 year limited warranty.

NE460 - 1/2 HP 115/230 V
NE461 - 3/4 HP 115/230 V

Cast Iron Convertible Jet Pumps With Power Plus 56 Frame Motor

- Sturdy cast iron construction.
- Highly serviceable NEMA J or NEMA J adaptable motors.
- Includes pressure switch.
- Thermal overload protects against overheating.
- Ejector purchased separately.
- 1 year limited warranty.



**Convertible Jet Pumps with NEMA J
adaptable uni-frame motor**

NE462 - 1/2 HP 115/230 V **1-1/4" inlet, 3/4" discharge**
NE463 - 1 HP 115/230 V **1-1/4" inlet, 1" discharge**

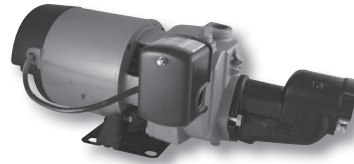
Model	Suction Lift Ft.	Pressure Switch Setting PSI	Capacities GPM at Discharge Pressure PSIG				Suction & Discharge	Pump Shipping Weight
			20	30	40	50		
460-0006 1/2 HP NE460	5	30-50	11.6	11.0	9.8	7.0	1-1/4" x 3/4"	40
	15		9.0	8.8	8.0	5.6		
	25		5.6	5.6	5.5	4.5		
461-0006 3/4 HP NE461	5	30-50	17.5	17.0	15.0	10.0	1-1/4" x 3/4"	42
	15		13.0	12.9	12.5	8.0		
	25		8.0	7.8	7.5	5.5		

JET PUMPS**Reduce Your Stock Keeping Units With Zoeller Mix and Match Tank Fitting Packages****Fittings Package Ordering Information For Use With Zoeller Jet Pumps****10-2367 Compact Air-E-Tainer®**

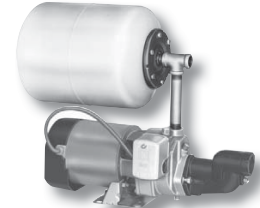
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Fittings Package 10-2381

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Zoeller Shallow Well Jet Pump

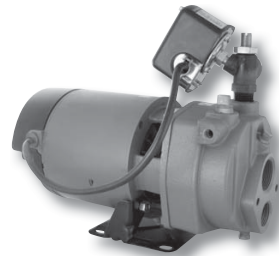
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Cottage Air-E-Tainer® System**10-2368 or 10-2369 Vertical Bottom Connect Air-E-Tainer®**

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Fittings Package 10-2373

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Zoeller Convertible Jet Pump

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Top Mounted Vertical Air-E-Tainer® Systems Bottom Connect**Shallow and Deep Well Capacities With Convertible Ejectors**

Pump Model	Ejector Model	Discharge Pressure	Capacities in GPM From Pump To Pumping Water Level In Feet													DW Minimum Operating Pressure PSI
			SW Ejector Attached To Pump			Deep Well Ejector In 4" ID Well										
			5	15	25	20	30	40	50	60	70	80	90	100	110	
462-0006 1/2 HP NE462	10-2353	20 40	11.3 9.5	8.7 7.8	5.3 5.2											--
	10-2355	20 40	10.2 9.7	8.0 7.3	4.8 4.5	11.7 6.0	8.3 4.7	7.0 3.8								20
	10-2356	20 40						6.7 4.3	6.0 3.8	5.3 3.3	4.3 2.5	3.3 1.7	2.5 0.8			30
463-0006 1 HP NE463	10-2357	30	15.7	12.3	8.3	16.7	14.2	12.2	8.3							35-37
		50	15.0	12.2	8.0	12.5	8.3	5.0	2.5							
	10-2355	30	10.0	7.5	4.7	11.7	11.7	11.5	10.3	9.0	7.7	6.2	4.8			37-39
		50	9.5	7.3	4.3	9.2	9.2	8.2	7.0	5.7	4.3	3.2	1.7			
	10-2358	30										5.0	4.8	4.3	3.7	39
		50										3.7	3.3	3.0	2.7	
	10-2354	20 40	17.2 14.8	12.8 12.2	7.7 7.2											--

NOTE: See installation instructions for setting flow control for maximum pressures.

IRRIGATION PUMPS

Lawn Sprinkler / Irrigation Pump

- Provides up to 88 GPM for moving large volumes of water quickly.
- Quick self-priming characteristics. Must initially be primed with water.
- Heavy duty 56 frame, NEMA J, capacitor start, double ball bearing motors for continuous operation.
- Normal wearing parts are easily removed for service and replacement without disturbing the suction or discharge piping.
- Heavy duty rugged construction.
- One year limited warranty.



NE330 - 3/4 HP
NE331 - 1 HP
NE332 - 1-1/2 HP
NE333 - 2 HP

Applications

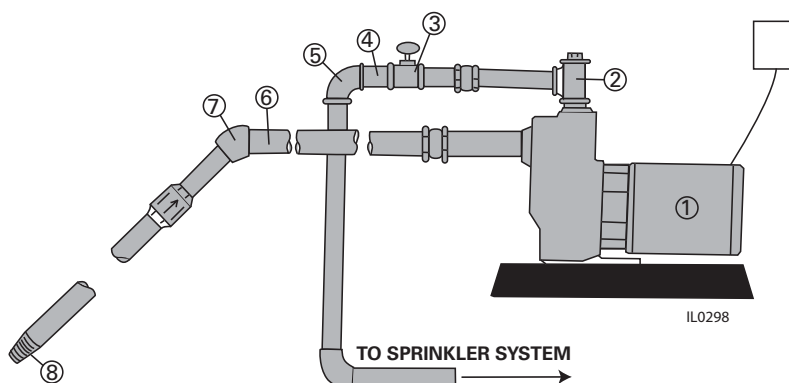
- Underground sprinkling
- Filling stock tanks
- Above ground sprinkling
- Garden irrigation
- Transferring water

SPECIFICATIONS

Model Number	1 Phase	HP	Suction Lift Ft.	Capacity - U.S. Gallons Per Minute Discharge Pressure PSI								Shut-Off Pressure PSI	Suction Pipe Tap	Discharge Pipe Tap	Ship Wt.
				10	15	20	25	30	35	40	45				
NE330		3/4	5	56	48	42	37	29	21			41	2"	1-1/2"	63.0
			15	47	42	37	29	22	12			37			
			25	43	37	31	22	10				33			
NE331		1	5	58	53	48	43	38	32	23	11	48	2"	1-1/2"	70.0
			15	53	48	45	37	31	24	12		43			
			25	48	44	38	33	25	14			39			
NE332		1-1/2	5	78	77	74	70	62	53	43	30	47	2"	1-1/2"	73.0
			15	70	68	66	62	53	43	30		41			
			25	47	46	45	44	42	34			36			
NE333		2	5	86	84	81	77	71	62	52	40	50	2"	1-1/2"	79.0
			15	76	74	72	69	64	55	43	25	45			
			25	52	51	50	47	45	42	30		40			

All motors are dual voltage ... Single Phase (115/230V), Three Phase (208-230/460V)
 Maximum case pressure; 100 PSI

Typical Installation From pond, lake or canal



Basic Installation From Ground Water Source Requires:

1. Rapid Prime Centrifugal Pump
2. 1-1/2" Tee
3. 1-1/2" Gate Valve
4. 1-1/2" Discharge Piping
5. 1-1/2" 90° Elbow
6. 2" Suction Piping
7. 2" 90° Elbow
8. KH25 2" Foot Valve

CENTRIFUGAL PUMPS

Single Stage End Suction Centrifugal Pumps

- Heavy duty 56 frame, NEMA J, capacitor start, double ball bearing motors for continuous operation.
- Rugged volute type casing. Discharge can be rotated to any one of four positions for horizontal or vertical service line.
- Normal wearing parts are easily removed for service and replacement without disturbing the suction or discharge piping.
- One year limited warranty.



CENTRIFUGAL PUMPS, PLASTIC IMPELLERS

MODEL NO. 1 PHASE	HP	STAGES	SUC- TION LIFT FT.	CAPACITY U.S. GPM DISCHARGE PRESSURE PSI							MAX. PRESS. PSI	MAX. CASE PRESS.	MAX. LIQUID TEMP.
				10	15	20	25	30	35	40			
NE300	1/3	1	5	42	34	21					27	100psig	200° F
			15	36	26								
			25	28									
NE301	1/2	1	5	50	47	37	25				32	100psig	200° F
			15	43	40	29	9						
			25	33	30	15							
NE302	3/4	1	5	71	62	51	36	11			38	100psig	200° F
			15	66	54	40	19						
			25	57	43	25							
NE303	1	1	5	76	69	61	50	36	16		40	100psig	200° F
			15	73	65	54	41	24					
			25	66	57	45	29						
NE304	1 1/2	1	5	94	88	80	70	59	44	18	44	100psig	200° F
			15	92	85	75	63	49	27				
			25	74	72	66	52	34					
NE305	2	1	5	109	103	96	86	75	61	39	44	100psig	200° F
			15	109	103	94	82	67	45				
			25	90	89	85	71	51					

▲Do not exceed the maximum case pressure and maximum liquid temperature rating of the pump Suction and Discharge Tappings 1-1/2" X 1-1/4"

NE300 1/3 HP
NE301 1/2 HP
NE302 3/4 HP
NE303 1 HP
NE304 1-1/2 HP
NE305 2 HP

SPECIFICATIONS

- Booster service
- Water circulation
- Cooling systems
- Laundry equipment
- Liquid transfers

Two Stage End Suction Centrifugal Pumps

- 56 frame, NEMA J, capacitor start, double ball bearing motor for continuous operation.
- 3/4, 1, 1-1/2, and 2 HP sizes with single phase motor.
- Rugged cast iron pump casing. Multi stage for high head.
- Normal wearing parts are easily removed for service and replacement without disturbing the suction or discharge piping.
- Thermoplastic impeller.
- One year limited warranty.



NE306 - 3/4 HP
NE307 - 1 HP
NE308 - 1-1/2 HP
NE309 - 2 HP

MODEL NO. 1 PHASE	HP	STAGES	SUCTION LIFT FT.	CAPACITY U.S. GPM DISCHARGE PRESSURE PSI										MAX. PRESS. PSI	MAX. CASE PRESS.	MAX. LIQUID TEMP.
				10	20	30	40	50	60	70	80	90				
NE306 306-0006	3/4	2	5	41	35	28	20						49	160psig	160° F	
			15	38	32	26	13									
			25	32	29	22										
NE307 307-0006	1	2	5	45	40	35	28	20					60	160psig	160° F	
			15	42	39	33	26	15								
			25	35	33	30	22									
NE308 308-0006	1 1/2	2	5	54	50	44	38	28					61	160psig	160° F	
			15	48	46	42	35	23								
			25	37	35	33	28	17								
NE309 309-0005	2	2	5	55	52	47	41	34	23				67	160psig	160° F	
			15	49	47	45	39	30	17							
			25	37	36	33	32	26								

▲Do not exceed the maximum case pressure and maximum liquid temperature rating of the pump Suction and Discharge Tappings 1-1/2" X 1-1/4"

CITY BOOSTER PUMPS

City Pressure Boosting Systems

MODEL 350 1/2 HP City-Might System

MODEL 351 3/4 HP City-Might System

MODEL	1/2 HP	3/4 HP
TANK SIZE	20 GAL	20 GAL
DIMENSIONS:		
LENGTH	20"	21"
WIDTH	12"	12"
HEIGHT	22"	22"
BOOST MAX. PRESS. (PSIG)	37	42
PRESSURE SW. SETTING (PSIG)	48-68 ADJUSTABLE	48-68 ADJUSTABLE
MOTOR SIZE	1/2 HP	3/4 HP
TANK PRECHARGE	46 PSIG	46 PSIG
MIN. INLET GPM REQUIRED @ 10 PSIG.	10 GPM	15 GPM
MAX. CUT OUT PRESSURE	68-70 ADJUSTABLE	68-70 ADJUSTABLE
MOTOR VOLTAGE	115	115
ALL PRESS SW. SETTINGS ADJUSTABLE TO A MIN. 20-40 & MAX 50-70		

ORDER NUMBER	TANK TYPE	FLOW SENSOR	PUMP INLET	PUMP OUTLET
350-0005	PAINTED	PVC	1 1/4"	3/4"
350-0006	SS	PVC	1 1/4"	1"
350-0007	PAINTED	BRASS	1 1/4"	3/4"
350-0008	SS	BRASS	1 1/4"	1"
351-0005	PAINTED	PVC	1 1/4"	1"
351-0006	SS	PVC	1 1/4"	1"
351-0007	PAINTED	BRASS	1 1/4"	1"
351-0008	SS	BRASS	1 1/4"	1"

MODEL	INCOMING WATER PRESSURE	PRESSURE WITH CITY-MIGHT	TOTAL INCREASED PRESSURE	GALLONS PER MINUTE	ENERGY CONSUMPTION
1/2 HP	20 PSI	57 PSI	37 PSI	8 GPM	8.6 AMPS
3/4 HP	20 PSI	55 PSI	35 PSI	12 GPM	13 AMPS



POWDER COATED TOUGH™

MODEL 352 1/2 HP City-Mate System

MODEL 353 3 Stage City-Pro System

MODEL 354 4 Stage City-Pro System



POWDER COATED TOUGH™



Model 353 shown

	1/2 HP	3 Stage	4 Stage
TANK SIZE	20 GAL	20 GAL	20 GAL
DIMENSIONS:			
LENGTH	21"	23 1/2"	25"
WIDTH	14"	12"	12"
HEIGHT	23"	20"	20"
BOOST MAX. PRESS. (PSIG)	45	41	54
PRESSURE SW. SETTING (PSIG)	40-60 Adjustable	48-68 Adjustable	48-68 Adjustable
MOTOR SIZE	1/2 HP	1/2 HP	3/4 HP
TANK PRECHARGE	38 PSIG	46 PSIG	46 PSIG
MIN. INLET GPM REQUIRED @ 10 PSIG.	10 GPM	15 GPM	20 GPM
MAX. CUT OUT PRESSURE	60-62 Adjustable	68-70	68-70
MOTOR VOLTAGE	115	115	115
ALL PRESS SW. SETTINGS ADJUSTABLE TO A MIN. 20-40 & MAX 50-70			

ORDER NUMBER	TANK TYPE	FLOW SENSOR	PUMP INLET	PUMP OUTLET
352-0005	PAINTED	PVC	1"	3/4"
352-0006	SS	PVC	1"	1"
352-0007	PAINTED	BRASS	1"	3/4"
352-0008	SS	BRASS	1"	1"
353-0005	PAINTED	BRASS	1"	1"
353-0006	SS	BRASS	1"	1"
354-0005	PAINTED	BRASS	1 1/4"	1"
354-0006	SS	BRASS	1 1/4"	1"

MODEL	INCOMING WATER PRESSURE	PRESSURE WITH CITY-PRO	TOTAL INCREASED PRESSURE	GALLONS PER MINUTE	ENERGY CONSUMPTION
1/2 HP	20 PSI	43 PSI	23 PSI	8 GPM	8.5 AMPS
3 Stage	20 PSI	50 PSI	30 PSI	12 GPM	13 AMPS
4 Stage	20 PSI	55 PSI	35 PSI	20 GPM	14 AMPS



PUMP COMPANY

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