

"QUALITY PUMPS SINCE 1939"

SECTION: Z1.20.120

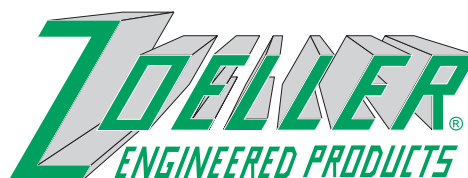
ZM1375

0810

Supersedes

0909

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



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Tested to UL
Standard UL778.



Certified to CSA
Standard C22.2 No.108.

PERFORMANCE DATA COMMERCIAL SEWAGE PUMPS MODELS 6292, 6293, 6294, 6295



GENERAL DATA

	☐ 6292	☐ 6293	☐ 6294	☐ 6295
PUMP NAME PLATE HORSEPOWER:	½ HP	1 HP	1½ HP	2 HP
SOLID SIZE: in (mm)	2" (51mm)	2" (51mm)	2" (51mm)	2" (51mm)
MINIMUM HEAD: ft. (m)	5.0' (1.5m)	15.0' (4.6m)	5.0' (1.5m)	5.0' (1.5m)
MAXIMUM HEAD: ft. (m)	42' (12.8m)	50' (15.2m)	62' (18.9m)	75' (23.5m)
MAX.FLOW GPM (L/min) @ MIN. HEAD ft. (m)	140 GPM @ 5'	118 GPM @ 15'	196 GPM @ 5'	214 GPM @ 5'
	(530 L/min @ 1.5m)	(447 L/min @ 4.6m)	(742 L/min @ 1.5m)	(810 L/min @ 1.5m)
DISCHARGE SIZE: VERTICAL FEMALE	☐ 2" NPT ☐ 3" NPT	☐ 2" NPT ☐ 3" NPT	☐ 2" NPT ☐ 3" NPT	☐ 2" NPT ☐ 3" NPT

PUMP NET WEIGHT: lbs (kg)	93-96 lbs (42-44 kg)	MOTOR TYPE:	SUBMERSIBLE
SERVICE FACTOR:	1.15	TYPE SOW POWER CORD LENGTH: ft (m)	25' (7.62m) ☐ _____'
MOTOR DESIGN LETTER:	NEMA B	MOTOR SHAFT	416 S.S.
IMPELLER TYPE:	BRONZE VORTEX	STATOR INSULATION:	CLASS B
O-RINGS AND COVER GASKET:	VITON	LEAD WIRES INSULATION:	CLASS B
RPM:	3450	MAXIMUM STATOR TEMPERATURE:	266°F (130°C)

SHAFT SEAL CONSTRUCTION:	STANDARD	UPPER-CARBON/CERAMIC, LOWER-SILICON CARBIDE/ CARBON
	OPTIONAL ☐ UPPER ☐ LOWER	☐ SILICON CARBIDE / CARBON ☐ SILICON CARBIDE / SILICON CARBIDE ☐ SILICON CARBIDE / SILICON CARBIDE
MOTOR THERMAL SHUTOFF:	STANDARD (Single Phase Only)	THERMAL OVERLOAD SWITCH WITH AUTOMATIC RESET
MOISTURE DETECTION:	☐ OPTIONAL*	MOISTURE SENSING PROBES
MINIMUM RECOMMENDED FLUID LEVEL: in (m)		10" (0.25m)
MAXIMUM WATER TEMPERATURE:		130°F (54°C)
		120°F (49°C) FOR WD6295

*Requires a circuit in control panel to function.

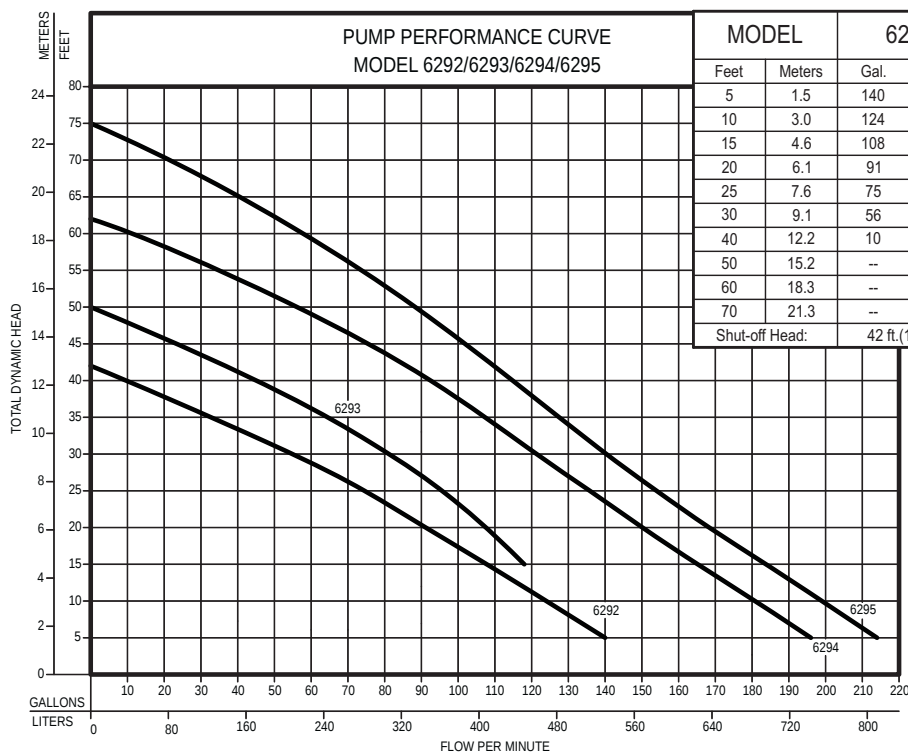
**See back side for listed UL and CSA models.

ELECTRICAL DATA

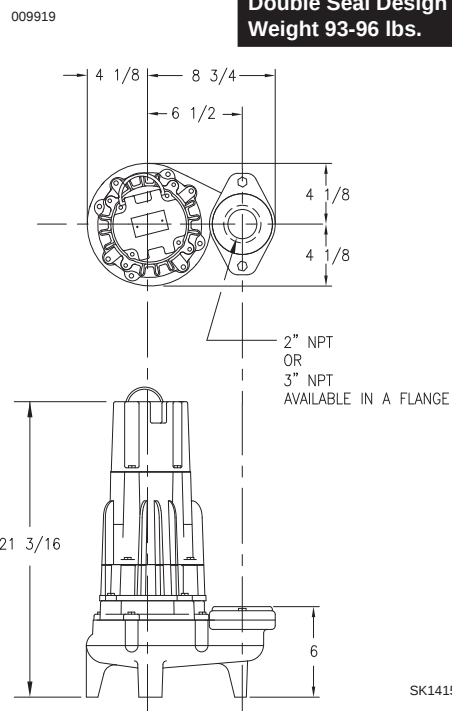
MODEL	HP	☐ 115V/1Ph		☐ 200-208V/1Ph		☐ 230V/1Ph		☐ 200-208V/3Ph		☐ 230V/3Ph		☐ 460V/3Ph		☐ 575V/3Ph	
		FLA	LRA	FLA	LRA	FLA	LRA	FLA	LRA	FLA	LRA	FLA	LRA	FLA	LRA
☐ 6292	½	15.0	53.0	--	--	--	--	--	--	--	--	--	--	2.4	11.3
☐ 6293	1	--	--	12.0	34.0	10.2	31.0	8.2	30.0	7.6	27.0	4.0	14.0	3.3	12.0
☐ 6294	1½	--	--	17.8	48.3	13.7	38.0	10.8	42.0	9.5	35.0	4.8	18.0	3.8	18.0
☐ 6295	2	--	--	20.5	48.3	17.1	38.0	14.3	42.0	12.2	35.0	6.1	18.0	4.9	18.0

Refer to reverse side for Head/Capacity Performance Curves

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Double Seal Design
Weight 93-96 lbs.



FEATURES

- Durable Epoxy Coated cast iron construction.
- Motor - ½ HP - 2 HP, 60 Hz, 3450 RPM, 1 Ph or 3 Ph, oil filled, hermetically sealed, automatic reset, thermal overload protected (1 Ph).
- Bearings - Upper and lower ball bearings
- Stainless Steel Motor Shaft
- Dual Mechanical Shaft Seals - Upper carbon/ceramic, Lower silicon carbide/carbon. Optional seal materials available
- Viton O-ring seals and cover gasket
- Impeller - Non-clogging bronze vortex design passes 2" spherical solids.
- 25 foot UL Listed 3-wire neoprene cord and plug. Longer cords available in lengths of 35-50 feet.
- No screens to clog.
- Stainless steel screws, bolts and handle.
- 2" NPT discharge with 3" flange available.
- Corrosion resistant powder coated epoxy finish.
- Moisture sensors available for early warning of seal failure. (Optional)
- 100% computerized tested.

SELECTION GUIDE

1. Single or Double piggyback variable level float switch pump control using the 15 amp plug and receptacle. Refer to ZM1536.
2. Single piggyback variable level float switch, hard wiring the pump lead wires to the float switch leads.
3. Refer to ZM1342 and select the correct simplex control panel listed for the pump. Refer to ZM1536 and select the desired variable level control switch, 3 required.
4. Refer to ZM1342 and select the correct duplex control panel listed for the pump. Refer to ZM1536 and select the desired variable level control switch, 3 or 4 required.

CAUTION

All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).

Standard all models - 25 ft. cord - ½ HP

6292 MODELS	Control Selection (See Selection Guide)					Listings	
	Volts	Ph	Amps	Simplex	Duplex	UL	CSA
*N6292	115	1	15.0	2 or 3 **	4	Yes ⁽¹⁾	Yes
BA6292	575	3	2.4	3	4	No	Yes

Standard all models - 25 ft. cord - 1 HP

6293 MODELS	Control Selection (See Selection Guide)					Listings	
	Volts	Ph	Amps	Simplex	Duplex	UL	CSA
*E6293	230	1	10.2	1, 2 or 3	4	Yes	Yes
I6293	200	1	12.0	2 or 3	4	No	Yes
J6293	200	3	8.2	3	4	Yes	Yes
F6293	230	3	7.6	3	4	Yes	Yes
G6293	460	3	4.0	3	4	Yes	Yes
BA6293	575	3	3.3	3	4	No	Yes

Standard all models - 25 ft. cord - 1½ HP

6294 MODELS	Control Selection (See Selection Guide)					Listings	
	Volts	Ph	Amps	Simplex	Duplex	UL	CSA
*E6294	230	1	13.7	2 or 3 **	4	Yes ⁽¹⁾	Yes
I6294	200	1	17.8	2 or 3	4	No	Yes
J6294	200	3	10.8	3	4	Yes	Yes
F6294	230	3	9.5	3	4	Yes	Yes
G6294	460	3	4.8	3	4	Yes	Yes
BA6294	575	3	3.8	3	4	No	Yes

Standard all models - 25 ft. cord - 2 HP

6295 MODELS	Control Selection (See Selection Guide)					Listings	
	Volts	Ph	Amps	Simplex	Duplex	UL	CSA
*E6295	230	1	17.1	2 or 3	4	Yes	Yes ⁽²⁾
I6295	200	1	20.5	3	4	No	Yes
J6295	200	3	14.3	3	4	Yes	Yes
F6295	230	3	12.2	3	4	Yes	Yes
G6295	460	3	6.1	3	4	Yes	Yes
BA6295	575	3	4.9	3	4	No	Yes
WD6295	230	1	17.1	---	---	No	No

* Molded Plug

** Available with control selection #1 without UL Listing.

All pumps are available with optional moisture sensors. Seal Fail indicator light available in NEMA 4X control panels.

(1) UL Listed unit available with 20 Amp plug.

(2) CSA Approval with 20 Amp plug.

For additional information on Zoeller products refer to catalog for; Rail Systems, ZM1347; Float Switch Brackets, ZM1328; Check Valves, ZM1348; High Water Alarm Panels and Float Switches, ZM1536; Control Panels, ZM1342.