

quality . service
innovation . integrity

X290 Series




"The color green
is a registered
trademark of
Zoeller Pump Co."



Features

This series of submersible pumps is designed for use in residential or commercial wastewater applications in Class I, Division 1, Group C and D locations. Each pump is FM/CSA approved and features innovative motor and electrical enclosures that are designed to reduce the risk of vapor ignition both inside and outside the pump. Should vapors inside the electrical enclosures become ignited, the enclosures are engineered to contain the event and prevent escalation. Each pump is constructed of hardware that will allow it to operate safely and efficiently in extreme conditions. As with every Zoeller pump, each one is 100% factory tested to ensure quality and reliability for years of trouble-free performance!

- Automatic models are available with an optional seal failure panel (P/N 10-1031).
- Nonautomatic units require a Zoeller control panel with intrinsically safe relays and a moisture indicator.
- Surface temperature code T5 (1 Ph) or T6 (3 Ph).
- Includes a stainless steel lifting bracket for easy installation and removal.
- All models are hermetically sealed to be watertight, dust-tight, and completely submersible.

Reserve Powered Design: For unusual conditions, a reserve safety factor is engineered into the design of every pump.

Specifications

Motor Characteristics

Motor	1/2 - 2 HP
Voltage	115 - 575 V
Phase	1 or 3 Ph
Hertz	60 Hz
RPM	3450 RPM
Type	Permanent split capacitor or 3 phase
Insulation	Class B
Amps	2.4 - 20.5 Amps

Pump Characteristics

Operation	Automatic or nonautomatic
Auto On/ Off Points	19-1/2" / 9-3/4" (49.5 cm / 24.8 cm)
Discharge Size	2" or 3" NPT
Solids Handling	2" (50 mm) spherical solids
Cord Length	20' (6 m) standard
Cord Type	UL listed, 5-wire (1 Ph) or 8-wire (3 Ph) SOOW cord
Max Head	75' (22.9 m)
Max Flow Rate	214 GPM (810 LPM)
Max Operating Temp	104 °F (40 °C)
Cooling	Oil filled with finned housings
Motor Protection	Auto reset thermal overload (1 Ph) or thermal sensor (3 Ph)

Materials Characteristics

Cap	Cast iron
Motor Housing	Cast iron
Pump Housing	Cast iron
Base	Cast iron
Upper Bearing	Ball bearing
Lower Bearing	Ball bearing
Mechanical Seals	Carbon and ceramic with stainless steel parts
Impeller Type	Non-clogging vortex
Impeller	Cast iron, optional bronze
Hardware	Stainless steel or brass
Motor Shaft	416 stainless steel



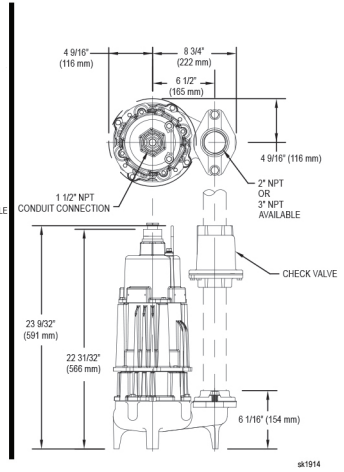
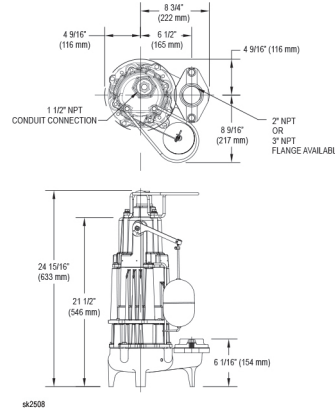
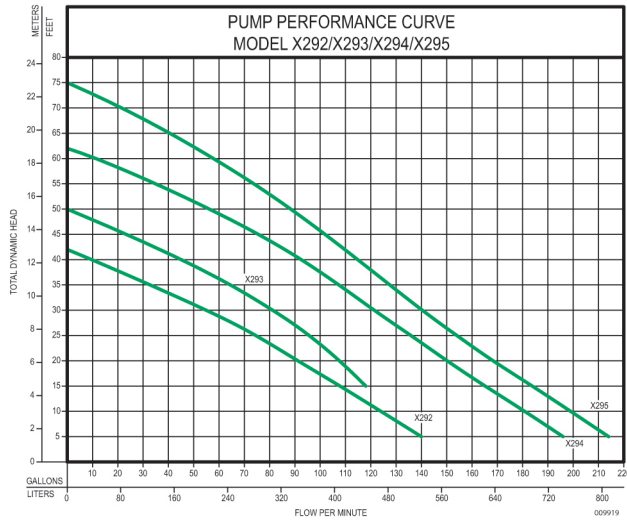
PUMP COMPANY

Zoeller Family of Water Solutions™

FM1702_Ea

Updated 0616

X290 Series



Model

Model Number	Seal	Mode	Volts	Phase	Amps	HP	Hz	Lbs	Kg
MX292	Single	Auto	115	1	15.0	1/2	60	123	55
NX292	Single	Non	115	1	15.0	1/2	60	118	53
BAX292	Single	Non	575	3	2.4	1/2	60	121	54
DX293	Single	Auto	230	1	10.2	1	60	123	55
EX293	Single	Non	230	1	10.2	1	60	118	53
HX293	Single	Auto	200	1	12.0	1	60	123	55
IX293	Single	Non	200	1	12.0	1	60	121	54
FX293	Single	Non	230	3	7.6	1	60	121	54
JX293	Single	Non	200	3	8.2	1	60	121	54
GX293	Single	Non	460	3	4.0	1	60	121	54
BAX293	Single	Non	575	3	3.3	1	60	121	54
DX294	Single	Auto	230	1	13.7	1-1/2	60	128	58
EX294	Single	Non	230	1	13.7	1-1/2	60	121	54
HX294	Single	Auto	200	1	17.8	1-1/2	60	128	58
IX294	Single	Non	200	1	17.8	1-1/2	60	121	54
FX294	Single	Non	230	3	9.5	1-1/2	60	121	54
JX294	Single	Non	200	3	10.8	1-1/2	60	121	54
GX294	Single	Non	460	3	4.8	1-1/2	60	121	54
BAX294	Single	Non	575	3	3.8	1-1/2	60	121	54
DX295	Single	Auto	230	1	17.1	2	60	128	58
EX295	Single	Non	230	1	17.1	2	60	121	54
HX295	Single	Auto	200	1	20.5	2	60	128	58
IX295	Single	Non	200	1	20.5	2	60	121	54
FX295	Single	Non	230	3	12.2	2	60	121	54
JX295	Single	Non	200	3	14.3	2	60	121	54
GX295	Single	Non	460	3	6.1	2	60	121	54
BAX295	Single	Non	575	3	4.9	2	60	121	54

Additional cord lengths are available in 25' (8 m), 35' (11 m) and 50' (15 m).
Automatic units Patent No. 8,535,014

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