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SECTION: Z5.20.200
 ZM3385
 1025
 Supersedes
 0525

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

X6290 HAZARDOUS LOCATION SERIES TECHNICAL DATA

Class I, Division 1, Groups C & D Rated and Class I, Zone 1, Groups IIA & IIB Gas Areas
 or
 Class II, Division 1, Groups E, F & G and Zone 20 Dust Areas
 Commercial Duty Sewage



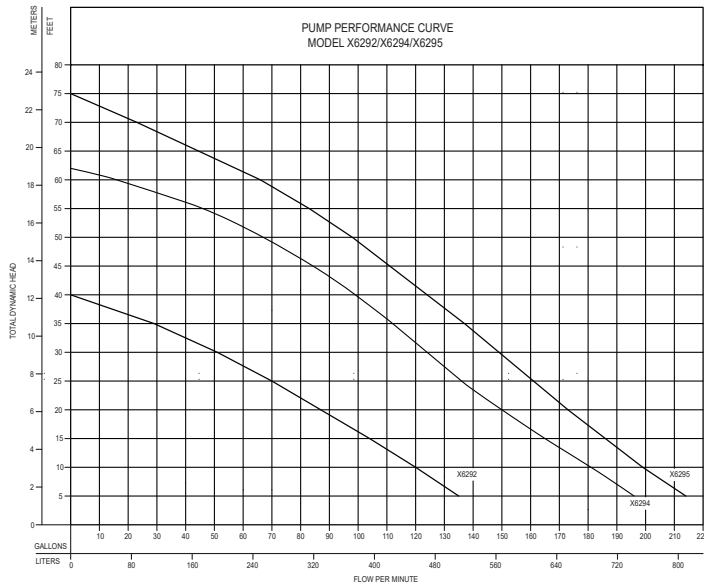
MODEL NUMBER:	☐ X6292	☐ X6294	☐ X6295
PUMP NAME PLATE HORSEPOWER: HP	1/2	1-1/2	2
SOLID SIZE: IN (mm)	2" (50 mm)	2" (50 mm)	2" (50 mm)
MAXIMUM HEAD: FT. (m)	40' (12.2m)	62' (18.9m)	75' (22.9)
MAX.FLOW GPM (L/min) @ MIN. HEAD ft. (m).	135 GPM @ 5' (511 L/min @ 1.5m)	196 GPM @ 5' (742 L/min @ 1.5m)	214 GPM @ 5' (810L/min @ 1.5m)
DISCHARGE SIZE:	2" NPT; ☐ Optional 3" NPT Flange (order 10-1306)		

PUMP NET WEIGHT: lbs (kg)	129 (58.5 kg)	MOTOR TYPE CSA APPROVED:		SUBMERSIBLE Class 1 Gas Area Certified Class 2 Dust Area Certified
SERVICE FACTOR:	1.0	TYPE SOW POWER CORD LENGTH: ft (m)		25' (7.62m) ☐ Optional 50'
MOTOR DESIGN LETTER:	NEMA B	MOTOR SHAFT:		416 S.S.
IMPELLER TYPE:	CAST IRON VORTEX	STATOR AND LEAD WIRES INSULATION:	X6292	CLASS B
SQUARE RINGS:	VITON		X6294 - X6295	CLASS F
RPM:	3450	MAXIMUM STATOR TEMPERATURE:	CLASS B	266 °F (130 °C)
SURFACE TEMPERATURE CODE:	T5 (1PH) T6 (3PH)		CLASS F	311 °F (155 °C)

SHAFT SEAL CONSTRUCTION:	STANDARD	UPPER-CARBON/CERAMIC, LOWER-SILICON CARBIDE/ CARBON
	OPTIONAL UPPER	☐ SILICON CARBIDE/SILICON CARBIDE
	OPTIONAL LOWER	☐ SILICON CARBIDE/SILICON CARBIDE
STANDARD SENSING DEVICES*	MOTOR THERMAL SHUTOFF	INTEGRAL OVERLOAD WITH AUTOMATIC RESET - 1 PHASE
		THERMAL SENSOR WITH LEAD WIRES - 3 PHASE
	MOISTURE DETECTION	MOISTURE SENSING PROBES WITH LEAD WIRES
MINIMUM FLUID LEVEL FOR CONTINUOUS OPERATIONS: in (m)		10" (0.25m)
MAXIMUM WATER TEMPERATURE:		104 °F (40 °C)
FLOAT MATERIAL FOR AUTOMATIC MODELS:		COPPER

*Requires a circuit in control panel to function.

MODEL	HP	☐ 115V/1PHASE	☐ 200V/1PHASE	☐ 230V/1PHASE	☐ 200V/3PHASE	☐ 230V/3PHASE	☐ 460V/3PHASE	☐ 575V/3PHASE
		FLA	FLA	FLA	FLA	FLA	FLA	FLA
X6292	1/2	15.0	--	--	--	--	--	2.4
X6294	1-1/2	N/A	17.8	13.7	10.8	9.5	4.8	3.8
X6295	2	N/A	20.5	17.1	14.3	12.2	6.1	4.9



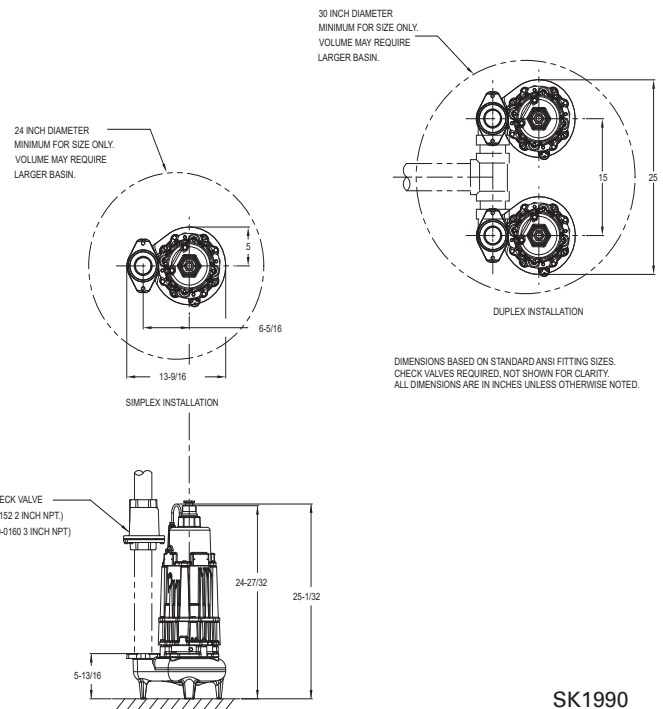
MODEL		X6292		X6294		X6295	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	135	511	196	742	214	810
10	3.0	120	454	181	685	199	753
15	4.6	104	394	165	625	186	704
20	6.1	87	329	150	568	173	655
25	7.6	70	265	136	515	161	609
30	9.1	51	193	124	469	149	564
35	10.7	29	110	112	424	137	519
40	12.2	--	--	99	375	124	469
50	15.2	--	--	67	254	98	371
55	16.8	--	--	46	174	83	314
60	18.3	--	--	16	61	66	250
70	21.3	--	--	--	--	23	87
Shut-off Head:		40 ft.(12.2m)		62 ft.(18.9m)		75 ft.(22.9m)	

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Standard all models - 25 ft. (7.6 m) cord - 1/2 HP				
X6292 MODELS	Control Selection			Listings
	Volts	PH	Amps	c CSA us
MX6292	115	1	15.0	Yes
NX6292	115	1	15.0	Yes
BAX6292	575	3	2.4	No

Standard all models - 25 ft. (7.6 m) cord - 1-1/2 HP				
X6294 MODELS	Control Selection			Listings
	Volts	PH	Amps	c CSA us
DX6294	230	1	13.7	Yes
HX6294	200	1	17.8	Yes
EX6294	230	1	13.7	Yes
IX6294	200	1	17.8	Yes
JX6294	200	3	10.8	Yes
FX6294	230	3	9.5	Yes
GX6294	460	3	4.8	Yes
BAX6294	575	3	3.8	Yes

Standard all models - 25 ft. (7.6 m) cord - 2 HP				
X6295 MODELS	Control Selection			Listings
	Volts	PH	Amps	c CSA us
DX6295	230	1	17.1	Yes
HX6295	200	1	20.5	Yes
EX6295	230	1	17.1	No ⁽¹⁾
IX6295	200	1	20.5	Yes
JX6295	200	3	14.3	Yes
FX6295	230	3	12.2	Yes
GX6295	460	3	6.1	Yes
BAX6295	575	3	4.9	Yes



SK1990

FEATURES

- Durable epoxy coated cast iron construction.
- Motor - 1/2 - 1 hp, 60 hz, 3450 rpm, 1 ph or 3 ph, oil filled, hermetically sealed
- Thermal sensor with lead wire (3PH), integral overload with automatic reset (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 cast iron vortex design passes 2" spherical solids.
- 25 foot listed 3 wire neoprene cord with a 50' cord option.
- 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 for early warning of seal failure.
- 100% Computerized tested.



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).