

SUMP & SEWAGE SUBMERSIBLE EFFLUENT PUMPS

WS - EFFL.

Water Systems

Sump and Sewage

Lawn and Sprinkler

Electric Motor Driven

Engine Driven

Frame Mount

Hand Pumps

Irrigation and Industrial



WS30M

WS SERIES SUBMERSIBLE EFFLUENT PUMPS

Ideal for liquid effluent pumping applications, as well as light commercial applications with up to 1 1/16" diameter solids.

CONSTRUCTION - Motor and pump housing is Cast Iron Class 30.

CORD - Power cord sealed at motor housing. WS50, WS50H and WS100H uses SJOW. WS30 uses SJTW.

IMPELLER - Cast Iron Class 30. Solids handling non-clog impeller. Two vanes on the WS50, WS50H and WS100H. Three vanes on the WS30.

SEAL - Mechanical carbon/ceramic type 6, 5/8 rotary.

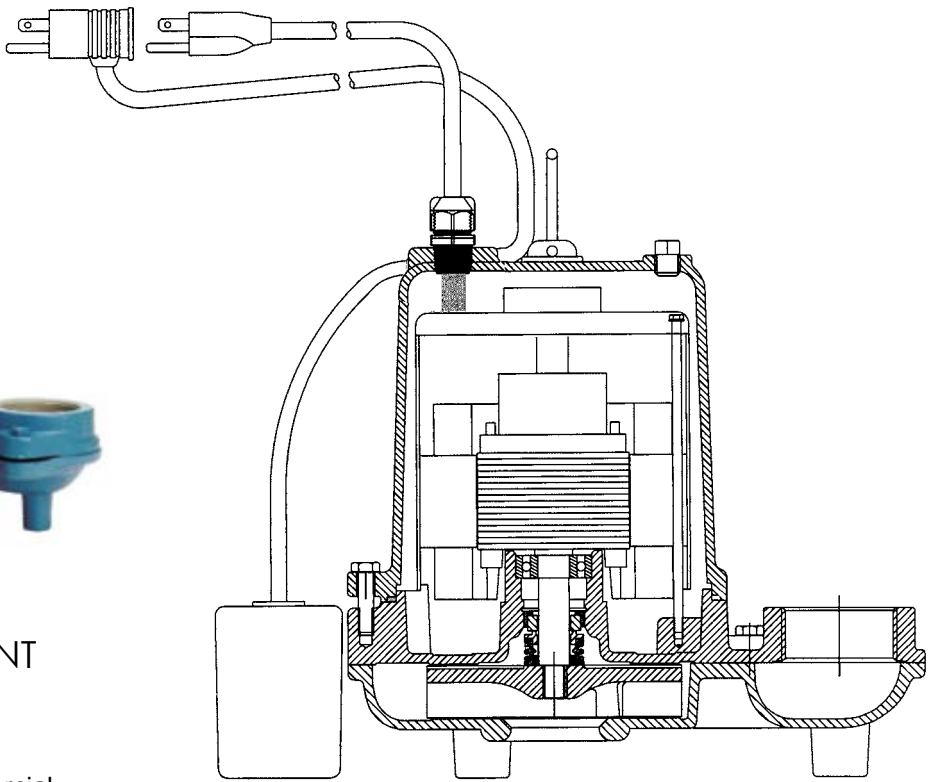
SHAFT - Motor shaft is 416 stainless steel.

MOTOR - Oil filled chamber with automatic overload protection, double ball bearing. Capacitor Start designed for hi-torque and is thermally protected with automatic reset (single phase only).

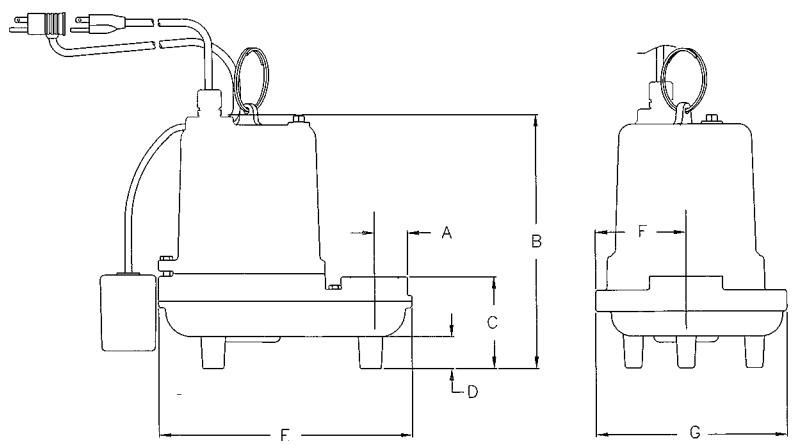
SWITCH - Mercury Free float switch for automatic on-off operation; piggyback style WS30. SJE pump master used on WS50, WS50H & WS100H models.

DISCHARGE - 2" NPT. Adaptor kit for 3" NPT available.

FASTENERS - Stainless steel fasteners throughout, for serviceability.



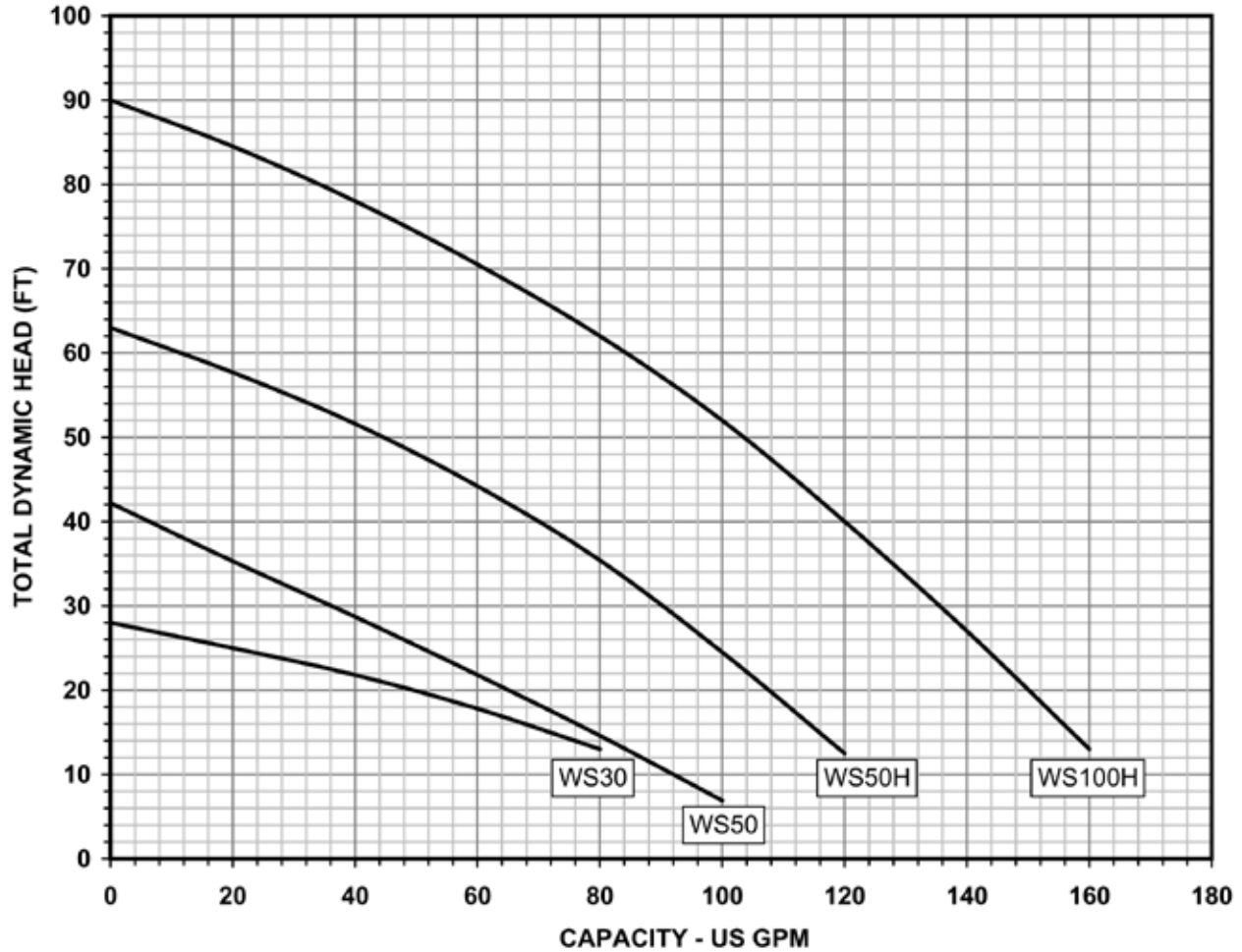
Dimensions



Model	A	B	C	D	E	F	G
WS30	1.75	11.25	3.75	1	12.25	4.86	9.38
WS50	1.75	13.75	3.75	1	12.25	4.68	9.38
WS50H	1.75	13.75	3.75	1	12.25	4.68	9.38
WS100H	1.75	13.75	3.75	1	12.25	4.68	9.38

*Dimensions measured in inches

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PERFORMANCE CHART							
Model No.	RPM	Total Head in Feet					Shut-Off Head (ft.)
		5	10	15	20	25	
		Capacities in U.S. GPM					
WS30	1750	105	90	70	45	15	28
WS50	3450	105	92	80	64	50	42

PERFORMANCE CHART													
Model No.	RPM	Total Head in Feet										Shut-Off Head (ft.)	
		10	20	30	40	50	60	70	80	90			
		Capacities in U.S. GPM											
WS50H	3450	115	98	78	57	30	0	-	-	-	63		
WS100H	3450	150	140	128	115	97	76	53	27	0	90		

SUBMERSIBLE EFFLUENT PUMPS - AUTOMATIC AND MANUAL									
Model No.	Order No.	HP	Volts	SFA	Phase	Solids Handling	Ship Wt. (lbs.)	Switch	Cord Length
WS30M	620010	1/3	115 V	10.4	1	11/16"	51	Manual	20'
WS30AM	620000	1/3	115 V	10.4	1	11/16"	53	Automatic	20'
WS50M-20	620231	1/2	115V	11.6	1	3/4"	55	Manual	20'
WS50AM-20	620233	1/2	115V	11.6	1	3/4"	57	Automatic	20'
WS50M-12-20	620251	1/2	208-230V	9.7	1	3/4"	56	Manual	20'
WS50AM-12-20	620253	1/2	208-230V	9.7	1	3/4"	58	Automatic	20'

HIGH HEAD SUBMERSIBLE EFFLUENT PUMPS - AUTOMATIC AND MANUAL									
Model No.	Order No.	HP	Volts	SFA	Phase	Solids Handling	Ship Wt. (lbs.)	Switch	Cord Length
WS50HM-20	620218	1/2	115 V	15.0	1	3/4"	56	Manual	20'
WS50HAM-20	620219	1/2	115 V	15.0	1	3/4"	58	Automatic	20'
WS50HM-12-20	620220	1/2	208-230V	9.7	1	3/4"	56	Manual	20'
WS50HAM-12-20	620221	1/2	208-230V	9.7	1	3/4"	58	Automatic	20'
WS100HM-12-20	620222	1	208-230V	13.6	1	3/4"	57	Manual	20'
WS100HAM-12-20	620223	1	208-230V	13.6	1	3/4"	59	Automatic	20'
WS100HM-32	620207	1	208-230V	6.2	3	3/4"	62	Manual	30'
WS100HM-34	620206	1	460 V	3.1	3	3/4"	62	Manual	30'

30' cord length models are available, please contact factory.

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