

# Wastewater

## WS Effluent Series



**WS30AM**



**WS30M**



**WS50HAM  
WS100HAM**



**WS50HM  
WS100M**



### Applications

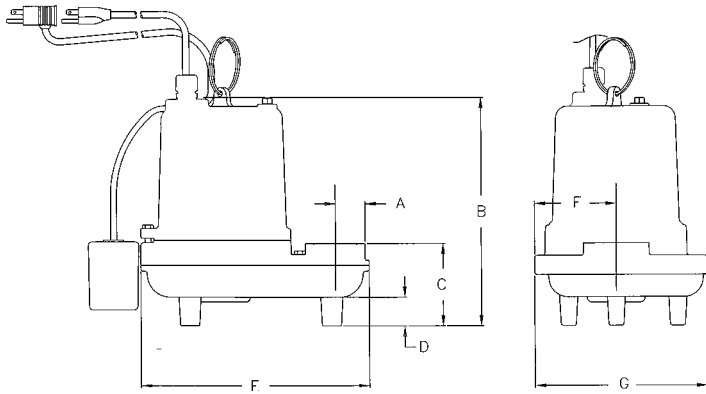
- Ideal for liquid effluent pumping applications, as well as light commercial applications with up to 3/4" diameter solids.

### Features

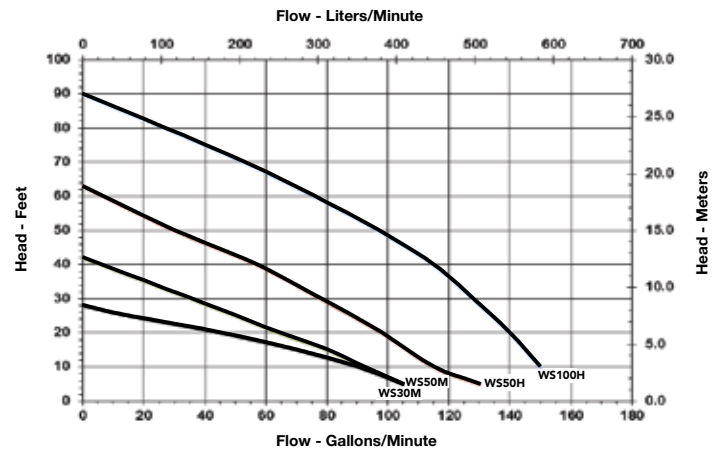
- 1/2 hp and 1 hp oil filled chamber with double ball bearing. Designed for hi-torque and is thermally protected with automatic reset (single-phase only)
- Motor shaft is 416 stainless steel
- Motor and pump housing is cast iron
- 2" NPT discharge
- Cast iron; solids handling non-clog impeller
- Mechanical carbon/ceramic seal
- Stainless steel fasteners throughout, for serviceability
- Piggyback mechanical float option available for automatic operation
- Power cord sealed at motor housing

**LittleGIANT®**

## Engineering Data



## Performance Data



\*Dimensions measured in inches [mm]

Model	A	B	C	D	E	F	G
WS30	1.75" [44.5]	11.25" [285.8]	3.75" [95.3]	1" [25.4]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]
WS50	1.75" [44.5]	13.75" [349.3]	3.75" [95.3]	1" [25.4]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]
WS50H	1.75" [44.5]	13.75" [349.3]	3.75" [95.3]	1" [25.4]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]
WS100H	1.75" [44.5]	13.75" [349.3]	3.75" [95.3]	1" [25.4]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]

## Specifications

Item No.	Model No.	Listing	HP	Volts	SFA	Phase	Solids Handling	Discharge	Cord Length (ft)	Ship Wt. (lbs)
620010	WS30M	cCSAus	1/3	115 V	10.4	1	3/4"	2"	20'	51
620000	WS30AM	cCSAus	1/3	115 V	10.4	1	3/4"	2"	20'	53
620231	WS50M-20	cCSAus	1/2	115 V	11.6	1	3/4"	2"	20'	55
620233	WS50AM-20	cCSAus	1/2	115 V	11.6	1	3/4"	2"	20'	57
620251	WS50M-12-20	cCSAus	1/2	208-230 V	9.7	1	3/4"	2"	20'	56
620253	WS50AM-12-20	cCSAus	1/2	208-230 V	9.7	1	3/4"	2"	20'	58
620218	WS50HM-20	cCSAus	1/2	115 V	15.0	1	3/4"	2"	20'	56
620219	WS50HAM-20	cCSAus	1/2	115 V	15.0	1	3/4"	2"	20'	58
620220	WS50HM-12-20	cCSAus	1/2	208-230 V	10.0	1	3/4"	2"	20'	56
620221	WS50HAM-12-20	cCSAus	1/2	208-230 V	10.0	1	3/4"	2"	20'	58
620222	WS100HM-12-20	cCSAus	1	208-230 V	13.3	1	3/4"	2"	20'	57
620223	WS100HAM-12-20	cCSAus	1	208-230 V	13.3	1	3/4"	2"	20'	59
620207	WS100HM-32	cCSAus	1	208-230 V	5.8 - 6.4	3	3/4"	2"	30'	62
620206	WS100HM-34	cCSAus	1	460 V	2.9	3	3/4"	2"	30'	62

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

M = Manual

AM = Automatic with piggyback SJE float switch

## Performance Chart

Model No.	RPM	Performance (gpm @ head)										Shut-Off Head (ft)
		10'	15'	20'	25'	30'	40'	50'	60'	70'	80'	
WS30	1750	90	70	45	15	-	-	-	-	-	-	28
WS50	3450	92	80	64	50	-	-	-	-	-	-	42
WS50H	3450	115	107	98	90	78	57	30	-	-	-	63
WS100H	3450	164	156	150	142	136	120	104	84	60	32	90



P.O. Box 12010  
 Oklahoma City, OK 73157-2010  
 Phone: 1.800.701.7894  
 Fax: 1.800.678.7867  
 www.LittleGiantPump.com



©2011 Franklin Electric Co., Inc.  
 Little Giant® is a registered trademark of Franklin Electric Co., Inc.  
 Form 996171 - 05/11