

Completely 'Made in the USA', not just "designed, assembled and tested."

Vertical Sump Pumps

Dependable performance is what you expect and get when you install a Lobee Sump Pump. The overall design as well as each individual part has been engineered, tested and proven for trouble-free service and long life. The strainer eliminates the possibility of pump stoppage from trashy material often present in drainage or flood waters. Extra strength pump casing and motor mount castings plus heavy duty bearings reduce vibration and wear even in pumps with extra long columns for deep sumps. Model S pump for open pits has a pedestal base permitting unit to rest directly on the pit floor. Model SA pump is suspended from a cover plate which is placed over the sump opening. Standard units are available in column lengths up to ten feet six inches; special longer lengths are available upon request. Cover plates are available for mounting two units together when a duplex installation is required.

Model S Floor Mounted



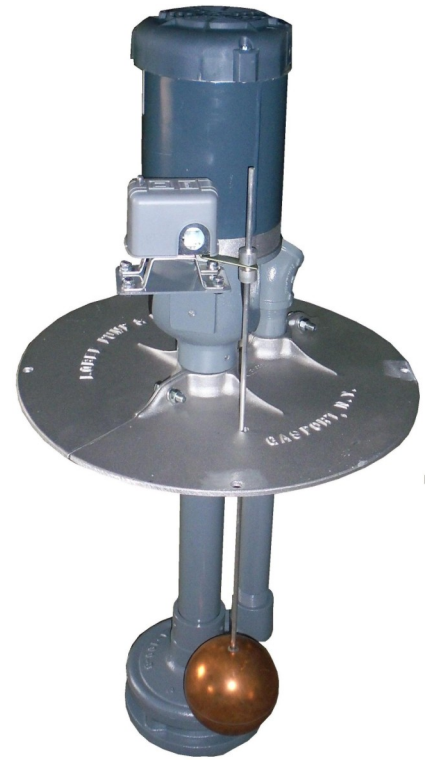
Explosion Proof Motor & Water Tight Switch



Optional Materials
Bronze and 316 Stainless Steel

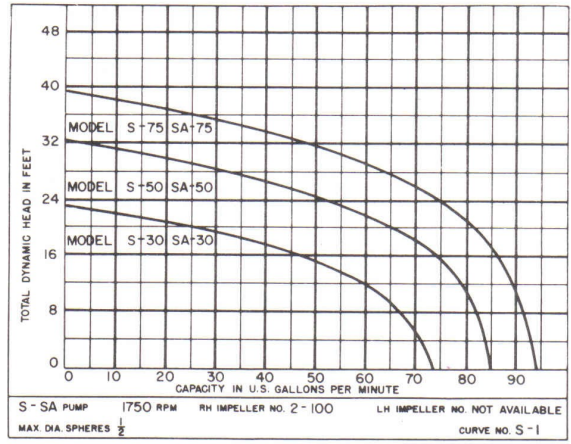


Model SA Cover Suspended



- ✓ Heavy Duty Continuous Operation Design
- ✓ Up to 95 GPM
- ✓ Total Dynamic Head to 40'
- ✓ Column Lengths to 10'6"
- ✓ Floor Mount or Suspended From Cover Models
- ✓ Standard Cast Iron Bronze Fitted
- ✓ All Bronze or Stainless Steel Materials Available
- ✓ Water Tight and Explosion Proof Float Switches

PERFORMANCE CURVE
FOR LOBEE MODEL S AND SA PUMPS



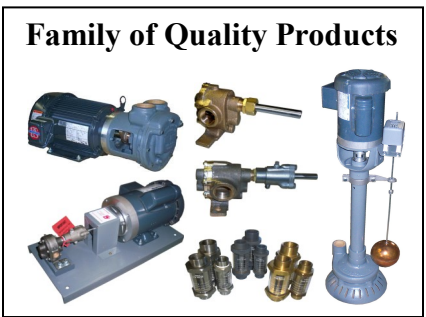
HP Requirements		Gallons Per Minute				
Model	HP	10	30	50	70	90
S3-SA3	1/3	22'	19'	15'		
S5-SA5	1/2	31'	28'	24'	18'	
S7-SA7	3/4	38'	35'	31'	24'	10'



Lobee Pump & Machinery Co.

Industrial Pumps and Accessories

Since 1899...Noted for Highest Quality Pumps and Equipment



Simple in Design, Long in Life, Very Repairable

Vertical Sump Pumps

GENERAL SPECIFICATIONS

MOTOR: Standard motors available are 1/3, 1/2, and 3/4 hp, 1750 RPM, single or three phase, ODP, TEFC or Explosion Proof.

CONTROL: Two pole heavy duty, snap action float switch with guided float rod, adjustable stops and copper ball float. Optional water tight or explosion proof switches also available. Displacement weight type with non-breakable weights and stainless steel cable available on request.

COLUMN: 2-inch steel pipe.

STRAINER: Cast iron with 3/8 inch perforations, vertical circular type for Model S and horizontal or flat type for Model SA.

COVER PLATE: 20 inch diameter aluminum split cover or suspension plate with float rod guide and 1 1/2 inch discharge pipe with 45° ell furnished with Model SA. Special size covers of steel plate can be furnished upon request.

CASING: Close grained cast iron, streamline volute.

COUPLING: Spyder type flexible.

IMPELLER: Model S and SA Sump Pumps are equipped with a 4 vane, enclosed-type cast iron impeller designed for handling industrial wastes. The perforated cast iron strainer prevents larger materials from entering the pump. These pumps easily handle all wastes encountered in normal industrial service.

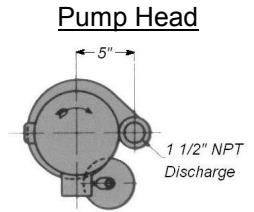
SHAFT: 3/4" type 416 stainless steel pump shaft is ground and polished over-all for smooth rotating action. Heavy-duty, ball-type thrust bearing supports impeller shaft assembly and takes all thrust loads. For pumps with longer settings, shaft gets additional alignment support from intermediate bronze bearing.

BEARINGS: Heavy duty, ball type thrust bearing, bronze sleeve type bottom bronze bearing.

INTERMEDIATE BEARING: Cast iron housing with bronze bearing furnished when sump depth exceeds 4 feet and for each additional 4 feet or fraction. This bearing interchangeable with bottom oil impregnated bronze bearing.

Model S, Floor Mounted

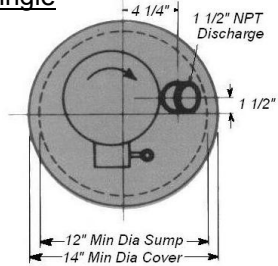
Model SA, Suspended



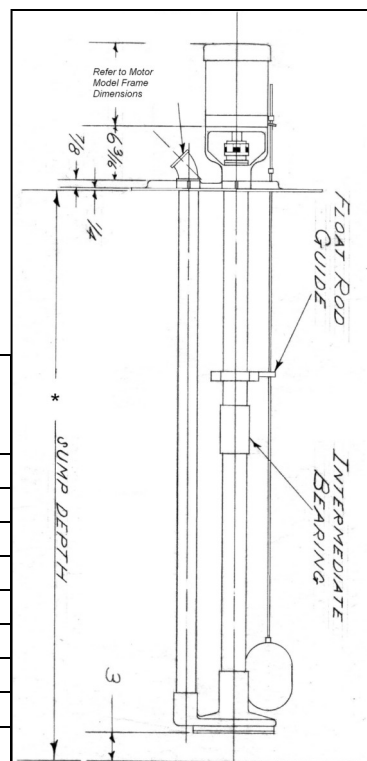
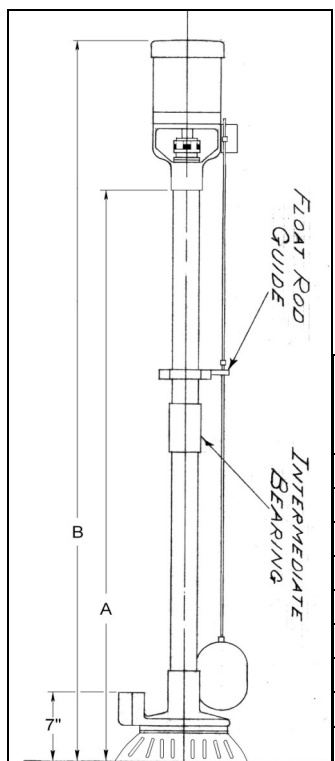
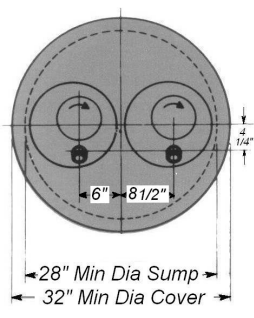
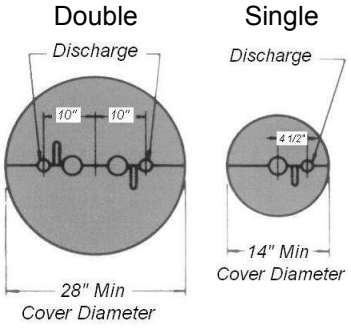
Minimum Sump Cover Diameter



Sump Cover Single



Sump Cover Double



General Dimensions

^Horsepower

Floor Mounted Model S	A	B	Suspended Model SA	* Sump Depth
S(^)-2	24 1/2"	39"	SA(^)-2	24
S(^)-3	36 1/2"	51"	SA(^)-3	36
S(^)-4	48 1/2"	63"	SA(^)-4	48
S(^)-5	60 1/2"	75"	SA(^)-5	60
S(^)-6	72 1/2"	87"	SA(^)-6	72
S(^)-7	84 1/2"	99"	SA(^)-7	84
S(^)-8	96 1/2"	111"	SA(^)-8	96
S(^)-9	108 1/2"	123"	SA(^)-9	108
S(^)-10	120 1/2"	135"	SA(^)-10	120