



Self-Priming Centrifugal Pumps



The LTHH Series* of cast iron sprinklers offer superior unmatched performance. available in 1 HP through 2-1/2 HP models.

The LTHH offers "single-body-fill" vriming to 25-foot lifts, in less than 5 minutes!

The LTHH models exceed the strict safety requirements of **Underwriters Laboratory UL778,** and CSA. Required by many state and local codes.

The LTHH models are completely interchangeable with the original BERKELEY® LTH Series

models, saving costly plumbing lation headaches!

APPLICATIONS

- Residential irrigation pump... can be safely operated by timer or other automatic device
- **Contractors...** for dewatering excavation, water transfer and supply
- Agriculture seed bed and plot irrigation, stock watering
- Industrial sump drainage, marine pumping, liquid transfer and supply operations

"change-out" dollars and instal-

*Single and three phase available.

ORDERING INFORMATION

HIGH HEAD												
Catalog				Pipe Tapping Sizes		Approx.						
Number	HP	Voltage	Phase	Suct.	Disch.	Wt. Lbs.						
10LTHH	1	115/230	1	2"	1-1/2"	52						
10LTHH3	1	208/230/460	3	2"	1-1/2"	52						
10LTHH3-575T	1	575	3	2"	1-1/2"	57						
15LTHH	1-1/2	115/230	1	2"	1-1/2"	58						
15LTHH3	1-1/2	208/230/460	3	2"	1-1/2"	58						
15LTHH3-575T	1-1/2	575	3	2"	1-1/2"	63						
20LTHH	2	230	1	2"	2"	83						
20LTHH3	2	208/230/460	3	2"	2"	83						
20LTHH3-575T	2	575	3	2"	2"	88						
25LTHH	2-1/2	230	1	2"	2"	85						
25LTHH3	2-1/2	208/230/460	3	2"	2"	85						
25LTHH3-575T	2-1/2	575	3	2"	2"	90						

NOTE: 575V TEFC motors available in Canada.

SPECIFICATIONS

Body and Seal Plate - Closegrained cast iron

Impeller - Norvi®

Diffuser – Reinforced polypropylene

Shaft - One-piece threaded 416 grade stainless steel

Base – Steel, 10 gauge

Motor – A.O. Smith 2-compartment

FEATURES

Rugged Construction - Closegrained cast iron body, specially treated for corrosion resistance.

Noryl® Impeller - Precision-molded for perfect balance... ultra-smooth for highest performance and efficiency.

Precision Molded Diffuser – Pump primes faster, handles more air, with multi-port, precision-molded, reinforced polypropylene diffuser.

High Head Models - Deliver up to 145' of head with capacities to 895 GPM.

Easy Serviceability - Normal wearing parts are easily accessible for service and replacement, without disturbing piping or mounting.

Motor Windings – Superior insulation materials protect against excessive moisture and contaminants... ensures prolonged motor life.

Balanced Rotor – Die cast under high pressures for uniform performance and greater efficiency, dynamically balanced.

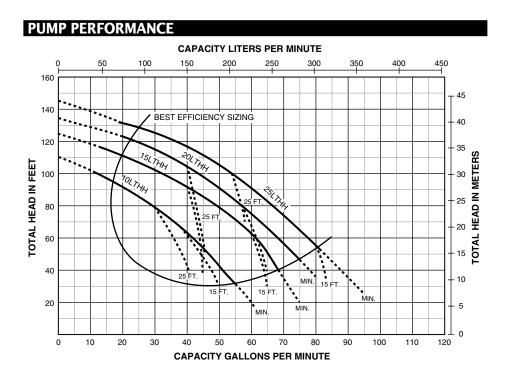
Drain Port - Provided for easy winterizing.

BERKELEY® is a registered trademark of Pentair Water. Noryl® is a registered trademark of General Electric Co. In order to provide the best products possible, specifications are subject to change.





Self-Priming Centrifugal Pumps



NOTE: Dotted lines indicate performance reduction at high suction lift.

Catalog Number	НР	Discharge Pressure		Suction Lift in Feet					
		PSI	Feet Head	5'	10'	15'	20'	25'	
10LTHH	1	20	46.2	48	45	40	37	33	
		30	69.3	33	30	26	22	16	
		40	92.4	15	10		_		
15LTHH		20	46.2	64	62	60	57	54	
	1-1/2	30	69.3	53	50	46	42	37	
		40	92.4	35	30	25	19		
20LTHH	2	20	46.2	72	70	67	65	62	
		30	69.3	60	58	54	51	47	
		40	92.4	45	42	37	30	27	
		50	115.5	23	16	-	_		
25LTHH	2-1/2	20	46.2	83	80	77	74	71	
		30	69.3	70	67	63	60	55	
		40	92.4	56	52	48	40	35	
		50	115.5	36	28	20	_	_	

Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a PRO-Source[™] tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.



Self-Priming Centrifugal Pumps

