

# THE LO-LIFT PUMP CO., INC.



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## SINGLE-STAGE PROPELLER PUMPS

**GALLONS PER MINUTE REQUIRED FOR DRAINAGE IN 24 HOURS**  
(no allowance made for evaporation or seepage)

Acres To Drain	Gallons IF 1 Foot Deep	GPM Req. Drain 1' In 24 Hrs.	GPM Req. Drain 6" In 24 Hrs.	GPM Req. Drain 3" In 24 Hrs.	GPM Req. Drain 2" In 24 Hrs.	Gpm Req. Drain 1" In 24 Hrs.
10	3,258,510	2,262	1,128	564	376	188
25	8,146,275	5,657	2,826	1,413	942	471
50	16,292,550	11,314	5,652	2,826	1,884	942
75	24,438,825	16,971	8,484	4,242	2,828	1,414
100	32,585,100	22,628	11,310	5,655	3,770	1,885
200	65,170,200	45,257	22,620	11,310	7,540	3,770
300	97,755,300	67,885	33,930	16,965	11,310	5,655
400	130,340,400	90,514	45,240	22,620	15,080	7,540
500	162,925,500	113,143	56,550	28,275	18,850	9,425
600	195,510,600	135,771	67,860	33,930	22,620	11,310
700	228,095,700	158,400	79,170	39,585	26,390	13,195
800	260,680,800	181,028	90,480	45,240	30,160	15,080
900	293,265,900	203,656	101,790	50,895	33,930	16,965
1,000	325,851,000	226,285	113,100	56,550	37,700	18,850

- 1 Acre ft. of water is 325,851 gallons or 43,560 cu. ft.
- 1 Acre is 208.71 ft. square and contains 43,560 sq. ft.
- 1 Cu. ft. of clear water weighs 62,417 lbs. and is 7.48 gallons.
- 1 Gallon of clear water weighs 8.344 lbs.
- Drainage of Range land requires 1" in 24 hours.
- Drainage of Pasture land requires 2" in 24 hours.
- Drainage of Cultivated land requires 3" in 24 hours.
- Drainage of Inhabited land requires 12" in 24 hours.
- 1 Cu. ft. sec. = 448.8 GPM.
- 1 Liter per sec. = 15.85 GPM.