

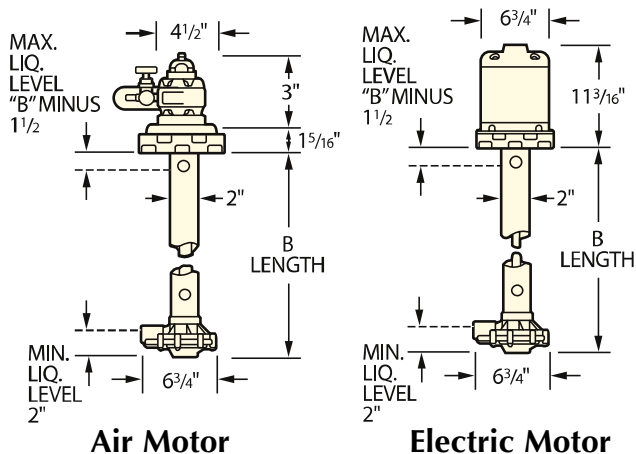


# LV Series

LV Series pumps are designed with stainless steel columns and shafts, and industrial grade thermoplastic volutes and impellers, to withstand corrosive environments, while delivering high volume and high head performance with minimal horsepower requirements. Interchangeability of motors and impellers allows you to specify the combination which best meets your needs.



## LV



## LV SERIES SPECIFICATIONS

Electric motor LV models with "B" lengths of 18 1/4" or more have a lower shaft support consisting of a carbon bushing and stainless steel sleeve. Optional mounting accessories are available on page 34 for LV Series pumps. Pump performance and available motors are at left.

Celcon, a tough glass-filled thermoplastic combining high mechanical strength, stiffness and stability through a broad range of temperatures, is used in all LV Series pumps and impellers. It has excellent abrasion and chemical resistance and can be used to pump water up to 170° F. Maximum temperature for other liquids will vary. Consult factory. Suitable for potable water. May be used with alkalis, many acids, brine, glycoethers, freons, coolants and oils. NOTE: If pump is to be used in vapor or steam applications, a vapor diffuser is required to protect the motor. Most pumps available as a Pump/Tank combination. See pages 24 thru 28 or consult factory for ordering information.

**All models:** 3/4" NPT horizontal discharge. Maximum viscosity: 300 SSU.

**LV20:** 1/8 HP, 1725 RPM

**LV40:** 1/3 HP, 3450 RPM

**LV50:** 1/2 HP, 3450 RPM

**LV60:** 3/4 HP, 3450 RPM

**LV70:** 1 HP, 3450 RPM

**NOTE:** Available in a 0-3000 RPM air motor. Flow rates are dependent upon air flow and can be fine tuned to your application.

### MATERIALS:

**Pump Column:** 300 series stainless steel

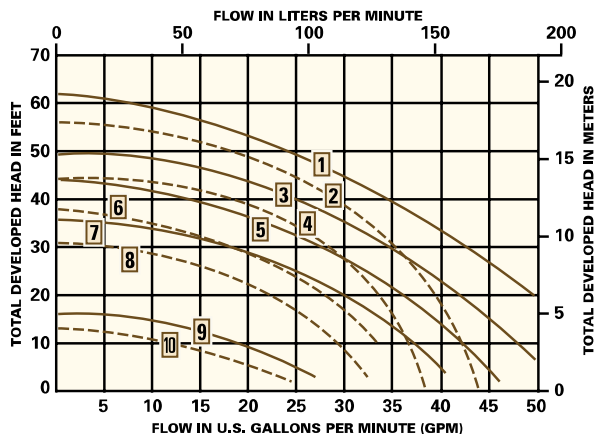
**Volute:** Celcon

**Shaft:** 300 series stainless steel

**Impeller:** Glass-filled Celcon

### LV ORDER INFORMATION

B LENGTH	VOLTAGE SUFFIX				
	1/8 HP	1/3 HP	1/2 HP	3/4 HP	1 HP
	A, B, F	E, F	E, F	E, F	E, F, GAM
8 5/8"	LVM21	LVM41	LVM51	LVM61	LVM71
10 7/8"	LVM22	LVM42	LVM52	LVM62	LVM72
12 1/2"	LVM23	LVM43	LVM53	LVM63	LVM73
18 1/4"	LVM24	LVM44	LVM54	LVM64	LVM74
24"	LVM25	LVM45	LVM55	LVM65	LVM75
34"	LVM27	LVM47	LVM57	LVM67	LVM77



- LV70 Series, 1 HP, water
- LV70 Series, 1 HP, 250 SSU oil
- LV60 Series, 3/4 HP, water
- LV60 Series, 3/4 HP, 250 SSU oil
- LV50 Series, 1/2 HP, water
- LV50 Series, 1/2 HP, 250 SSU oil
- LV40 Series, 1/3 HP, water
- LV40 Series, 1/3 HP, 250 SSU oil
- LV20 Series, 1/8 HP, water
- LV20 Series, 1/8 HP, 250 SSU oil