



Model Number	LGH073A	LGH074A	LGH075A	LGV073A	LGV074A	LGV075A
HP	7.5	7.5	7.5	7.5	7.5	7.5
Volts	200/230*	460	575	200/230*	460	575
Phase	3	3	3	3	3	3
Hz	60	60	60	60	60	60
RPM	3450	3450	3450	3450	3450	3450
FLA	32/28	14.25	11.5	30/26	13	10.12
LRA	210	105	76.5	210	105	76.5
Max kW Input	10.4	10.6	10.7	9.8	9.6	9.8
NEMA Code	A	A	A	A	A	A
Service Factor	1	1	1	1	1	1
Power Factor (%)	94	94	95	94	94	95
KVA Code	M	M	M	M	M	M
Std Impeller Diameter (in)	7.4	7.4	7.4	6.2	6.2	6.2
Shut-Off Head w/Std Impeller (ft)	180	180	180	142	142	142
Min Head w/Std Impeller (ft)	20	20	20	10	10	10
Max Flow @ Min Head (GPM)	120	120	120	225	225	225
Power Cord Type & Diameter	Type W, 1 in	SOOW,0.72 in	SOOW,0.72 in	Type W, 1 in	SOOW,0.72 in	SOOW,0.72 in

* System voltages: 208 and 240 volts with utilization voltages: 200 and 230 volts. These pumps are able to be rewired to 460 volts in the field.

Motor Insulation Class	H 180°C
Impeller Type	Semi-Open
Impeller Material	Stainless Steel
Control Cord Type & Diameter	18/5 SOOW, 0.375 in
Power Cord Length (Options)	35, 50, 100 ft
Standard Quick-connect Cords	Standard
Heavy-duty Quick-connect Cords	Optional
Upper (Inner) Seal Material	Carbon - Rotating Ceramic - Stationary Viton Elastomers
Lower (Outer) Seal Material	Silicon Carbide - Rotating Graphite Impregnated Silicon Carbide - Stationary Viton Elastomers
Max Water Temp for Continuous Duty	40°C
Min Fluid Level for Continuous Operation	Motor Housing Fully Submerged
Fluid pH Range	4–10
Starts Per Hour	30
Shaft Material	416 Stainless Steel
Fastener Material	316 Stainless Steel

O-Ring Elastomers	Buna-N
Upper Bearing	Single Row Deep Groove
Lower Bearing	Double Row Angular Contact
Oil Type	ISO VG10 Turbine Oil
Max Submersion Depth	75 ft
Discharge (Std)	Horizontal, 2 in, 2.5 in & 3 in 150# ANSI with 2 in NPT
Discharge (Optional)	Vertical, 2 in & 3 in NPT
Protective External Finish	Powder Coat
Seal Fail Detection	Dual Probe - 2 Wire with Resistor 200K ohm Resistance
Thermal Protection	3 Hermetically Sealed Thermostats 125°C Opening Temperature 105°C Closing Temperature 3A @ 120VAC, 1A @ 240 VAC
Volute Material	Class 30 Cast Iron
Pump Weight	280 lbs (approx)
Cuts Per Minute	Over 400,000
Cutter Material	Hardened 440 Stainless Steel
Certifications	CSA Certified to CSA and UL® Standards CAN/CSA C22.2 No. 108-14 ANSI/UL 778 6th Ed

Specifications are subject to change without notice.