



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.

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

<b>O-Ring Elastomers</b>	Buna-N
<b>Upper Bearing</b>	Single Row Deep Groove
<b>Lower Bearing</b>	Double Row Angular Contact
<b>Oil Type</b>	ISO VG10 Turbine Oil
<b>Max Submersion Depth</b>	75 ft
<b>Discharge (Std)</b>	Horizontal, 2 in, 2.5 in & 3 in 150# ANSI with 2 in NPT
<b>Discharge (Optional)</b>	Vertical, 2 in & 3 in NPT
<b>Protective External Finish</b>	Epoxy Powder Coat
<b>Seal Fail Detection</b>	Dual Probe - 2 Wire with Resistor 200K ohm Resistance
<b>Thermal Protection</b>	3 Hermetically Sealed Thermostats 125°C Opening Temperature 105°C Closing Temperature 3A @ 120VAC, 1A @ 240 VAC
<b>Volute Material</b>	Class 30 Cast Iron
<b>Pump Weight</b>	280 lbs
<b>Cuts Per Minute</b>	Over 400,000
<b>Cutter Material</b>	Hardened 440 Stainless Steel
<b>Certifications</b>	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.