

# Submittal Data

AquaMark  
245 W. Roosevelt Rd  
West Chicago, IL 60185  
Ph.# 800-323-4498

**Variable Frequency Drive  
Simplex Water Pressure  
Ultra Low Profile  
Booster System**

## AquaMark Model# AM-LG1.5 For Potable Water



Dimensions					Pipe Size				
Model	Motor	Height	Length	Width	Inlet	Outlet	Voltage	H.z.	Phase
AM-LG1.5	1.5 HP	20"	19"	16"	1.5"	1.5"	240	60	1
Option							208	60	3
Materials of Construction					Operating Conditions				
Description									
Pump Casing		Stainless Steel			Max. Flow		60 GPM		
Impeller		Stainless Steel			Max. Press Boost		See Chart Below		
Shaft		Stainless Steel			Max. System Press.		100 PSI		
Seal		Type 21			Min. Suction Press.		10 PSI		
Platform		Fab. Steel			Low Pressure Cut-off		7 PSI		
Valves		LF Brass			VFD Control		Nema1		
Connection Piping		LF Brass			Supply Line Minimum		See Chart Below		
Diaphragm Tank		Steel			Up to a 5 Story Building				
Pump: CDU120/3-1.5					Electrical Connection		6' Whip to be hardwired		

@ 10 GPM 100' Head, 43 PSI Boost Over Incoming	
@ 15 GPM 98' Head, 42 PSI Boost Over Incoming	
@ 25 GPM 92' Head, 39 PSI Boost Over Incoming	1 ¼" Supply Line 25 GPM Max.
@ 30 GPM 88' Head, 38 PSI Boost Over Incoming	1 ½" Supply Line 38 GPM Max.
@ 50 GPM 72' Head, 31 PSI Boost Over Incoming	2" Supply Required

A Larger Tank Can Be Installed After The Booster For Longer Shutdown Periods During Low Flows.