

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



Dimensions					Pipe Size				
Model	Motor	Height	Length	Width	Inlet	Outlet	Voltage	Hz.	Phase
AM-LG1.5	1.5 HP	20"	19"	16"	1.5"	1.5"	240	60	1
Materials of Construction					Operating Conditions				
Description									
Pump Casing		Stainless Steel			Max. Flow			50 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		Brass			VFD Control			Nema1	
Connection Piping		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.