

Submittal Data

AquaMark
245 W. Roosevelt Rd.
Building 12, Suite 83
West Chicago, IL 60185
Ph.# 800-323-4498

Variable Frequency Drive

Simplex Water Pressure Ultra Low Profile Booster System

AquaMark Model# AM-100V



Dimensions					Pipe Size				
Model	Motor	Height	Length	Width	Inlet	Outlet	Voltage	Hz.	Phase
AM-100V	5 HP	34"	30"	24"	3"	3"	240-208	60	3
Option							460-480	60	3
Materials of Construction					Operating Conditions				
Description									
Pump Casing		Stainless Steel			Max. Flow		120 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			Requires 3" Supply Line				
Diaphragm Tank		Steel			Low Pressure Cut off		Set @ 7PSI		

100 GPM Variable Frequency Drive Booster Pump	A larger tank can be installed after the booster for longer shut down periods during low flows.
65 PSI Maximum Boost @ 70 GPM	
58 PSI Maximum Boost @ 90 GPM	
54 PSI Maximum Boost @ 100 GPM	Other voltages are available.
45 PSI Maximum Boost @ 120 GPM	TWO YEAR WARRANTY