

# 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-80V-1



Dimensions					Pipe Size				
Model	Motor	Height	Length	Width	Inlet	Outlet	Voltage	Hz.	Phase
AM-80V-1	3 HP	34"	30"	24"	3"	3"	240-208	60	1 or 3
Option							460-480	60	3
Materials of Construction					Operating Conditions				
Description									
Pump Casing		Stainless Steel			Max. Flow		115 GPM		
Impeller		Stainless Steel			Max. Press Boost		See Cart Below		
Shaft		Stainless Steel			Max. System Press.		150 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 for flows over 65GPM				
Diaphragm Tank		Steel			Up to a 6 Story Building				

80 GPM Variable Frequency Drive Booster Pump	A larger Tank Can Be Installed After The Booster
41 PSI Boost, 95' Head @ 40 GPM	For a Longer Shut Period During Low Flows.
<b>33 PSI Boost, 76' Head @ 80 GPM</b>	
29 PSI Boost, 68' Head @ 90 GPM	
25 PSI Boost, 59' Head @ 100 GPM	<b>TWO YEAR WARRANTY</b>