

## Submittal Data

AquaMark  
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### Variable Frequency Drive

### Simplex Water Pressure Ultra Low Profile Booster System

### AquaMark Model# AM-45V For Potable Water



Dimensions					Pipe Size				
Model	Motor	Height	Length	Width	Inlet	Outlet	Voltage	Hz.	Phase
AM-45V	1.5 HP	22"	24"	24"	2"	2"	240 - 208	60	1 or 3
Option							460 - 480	60	3
Materials of Construction					Operating Conditions				
Description									
Pump Casing		Stainless Steel			Max. Flow		55 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							
Diaphragm Tank		Steel							
Motor		ODP							

45 GPM Variable Frequency Drive Booster Pump	Water Supply Line is 2"
33 PSI Boost @ 45 GPM Over The Incoming PSI	
37 PSI Boost @ 35 GPM Over The incoming PSI	
40 PSI Boost @ 25 GPM Over The Incoming PSI	A Tank Can Be Added After The Booster For
	Longer Shut Down Periods At Low Flows