

Submittal Data

AquaMark
 245 W. Roosevelt Rd
 Building 12, Suite 83
 West Chicago, IL 60185
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Variable Frequency Drive

Simplex Water Pressure Ultra Low Profile Booster System

AquaMark Model# AM-50V



Dimensions				Pipe Size					
Model	Motor	Height	Length	Width	Inlet	Outlet	Voltage	Hz.	Phase
AM-50V	3 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			80 GPM		
Impeller		Stainless Steel		Max. Press Boost			See Chart Below		
Shaft		Stainless Steel		Max. System Press.			95 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 Min. 2" Supply Line					
Diaphragm Tank		Steel		Up To A 7 Story Building					
Motor		TEFC							

50 GPM Variable Frequency Drive Booster Pump	2" Supply Line for up to 65GPM
40 PSI Boost @ 40 GPM Over The Incoming PSI	3" Supply Line for up to 80GPM
36 PSI Boost @ 50 GPM Over The incoming PSI	A Tank Can Be Added After The Booster For
35 PSI Boost @ 60 GPM Over The Incoming PSI	Longer Shut Down Periods At Low Flows
28 PSI Boost @ 80 GPM Over The Incoming PSI	TWO YEAR WARRANTY