

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-Q
 Quintessential Booster System



Dimensions					Pipe Size				
Model	Motor	Height	Length	Width	Inlet	Outlet	Voltage	Hz.	Phase
AM-Q	3 HP	34"	30"	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		70 GPM		
Impeller		Stainless Steel			Max. Press Boost		See Cart Below		
Shaft		Stainless Steel			Max. System Press.		95 PSI		
Seal		Type 21			Min. Suction Press.		10 PSI		
Platform		Fab. Steel			Low Suction Cut-Off		7 PSI		
Valves		Brass			VFD Control		Nema4		
Connection Piping		Brass			Requires 2" Supply Line for flows over 35 GPM				
Diaphragm Tank		Steel							
3 HP Motor		ODP			Up to a 9 Story Building				

44 PSI Boost @ 20 GPM, 102' Head 1 ½" Supply	The AM-Q is a reduced noise level unit featuring a larger volute for less turbulent water flow exiting the booster. A NEMA4 control featuring a larger heat sink to eliminate the need for a cooling fan. TWO YEAR WARRANTY
42 PSI Boost @ 30 GPM, 98' Head 1 ½" Supply	
41 PSI Boost @ 40 GPM, 95' Head 2" Supply	
39 PSI Boost @ 50 GPM, 92' Head 2" Supply	
37 PSI Boost @ 60 GPM, 87' Head 2" Supply	

Another tank can be installed after the booster for longer shut down periods during low flows.