

## Pressure Boosting System FVHS & FHHS





**FVHS & FHHS  
SERIES 50Hz**

**HYGIENIC WATER | HYDRAULIC  
EFFICIENCY | NOISELESS  
OPERATION**

With an advanced vertical radial delivery type with threaded ports, all components are made of corrosive resistant AISI stainless steel. The pump is futuristically designed to eliminate transmission loss, pump high aggressive water and hygienic enough to be used for drinking purposes. Additionally, the wear resistant bearings ensure noiseless operation.

**ADVANCED TECHNOLOGY |  
ENERGY SAVING**

Zirantec's Pressure Booster Systems are built with care using advanced technology and controlling devices /equipments that ensure efficient operation and energy saving. Nowadays pressure booster system becomes an essential part of all buildings including individual houses.

**BOOSTER CONTROLLER | DISPLAY  
SYSTEMS | CONSTANT WATER  
SUPPLY**

The ZIRANTEC Pressure Booster Systems are reliable, easy serviceable and used in water boosting units to get trouble free service for years together. Made of corrosion resistant stainless steel, the impellers, diffusers & shaft of these hydro-pneumatic systems are incredible in hydraulic efficiency.

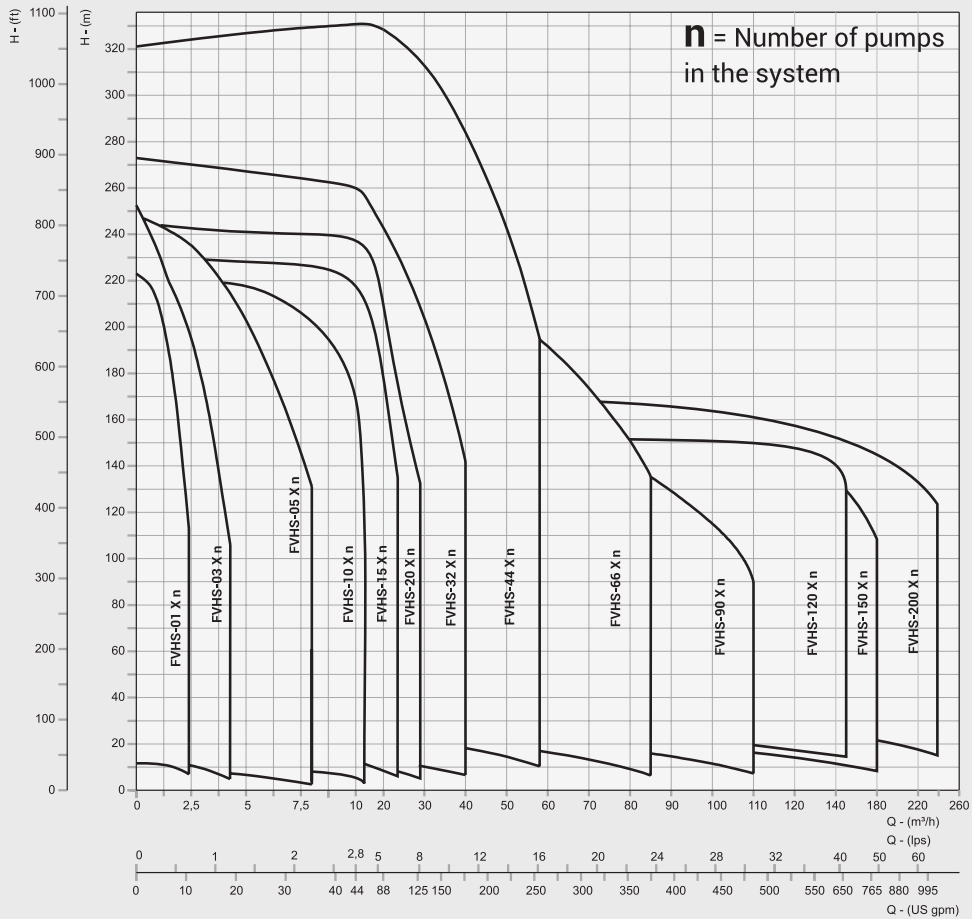
**MANIFOLD SELECTION CHART FOR PRESSURE BOOSTING SYSTEM**

PUMP SIZE	1" & 1¼"			1½"			2"			2½"		
	2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P
No. of Pumps (In parallel connection)	2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P
Manifold size (In inches)	1½"	2"	2½"	2"	2½"	3"	3"	4"	5"	4"	5"	6"

## PERFORMANCE CURVES



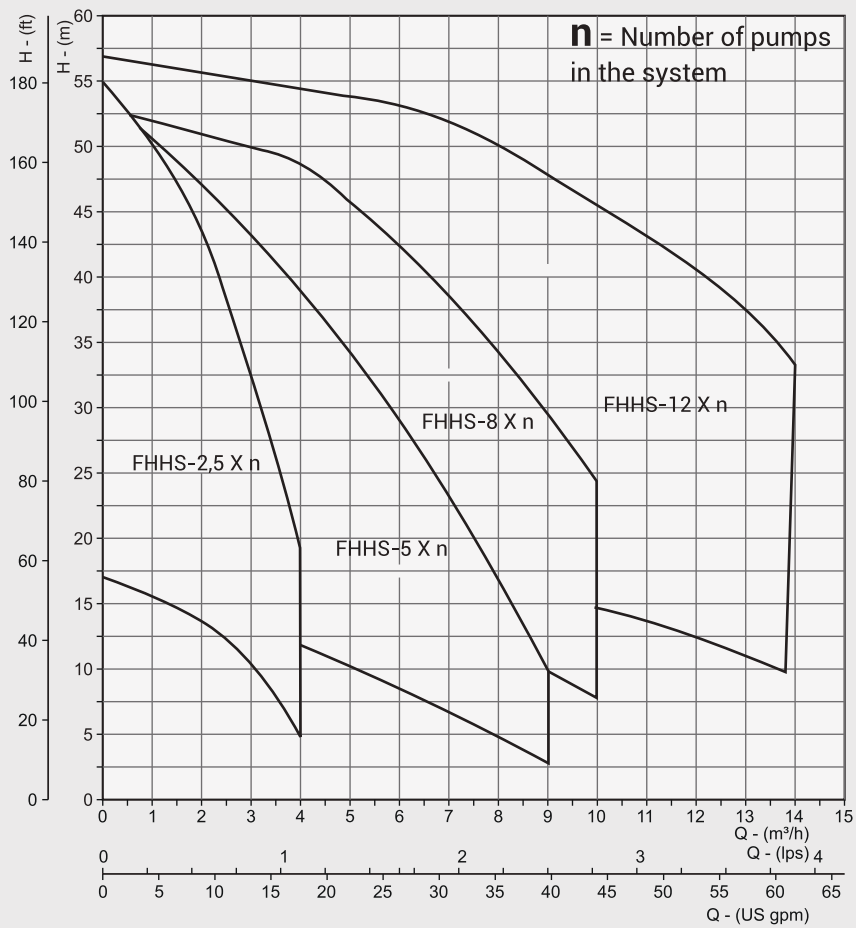
FVHS



## PERFORMANCE CURVES



**FHHS**





### TECHNICAL SPECIFICATIONS

Power Range	1Ph Input - 1Ph Output - 110V : 0,75 - 2,2kW - 220V : 0,75 - 4kW 1Ph Input - 3Ph Output - 220V : 0,75 - 5,5kW 3Ph Input - 3Ph Output - 380V : 0,75 - 45kW Note : other Voltage Range can also be supplied on demand
Output Voltage Range	0 to Input Voltage (Adjustable)
Frequency Range	0,1 to 400 Hz
Output Frequency Tolerance	0,1Hz
Operating Temperature	-10 to 40°C
Vibration	< 0,5G
Humidity	0,95% Relative Humidity (Non-condensing)
Display	Frequency/Current/Speed/Voltage/Pressure