



INDUSTRIAL DUTY

Multistage Booster Pump System

- **304 Stainless Steel Casing & Pump Shaft with Polycarbonate Impeller**
- **Internal Components: Noryl® Stage Body, and Nylon Neckrings**
- **Buna-N Mechanical Seal**
- **Built in HYDRASCAN® Control Module provides Automatic On/Off & prevents cycling. See back page for details**
- **1-1/4" Inch NPT Suction and 1" Discharge Ports**
- **Maximum Working Pressure 100 PSI**
- **Maximum Discharge Head 72 PSI**
- **Maximum Flow 27 GPM**
- **Maximum Temperature 120° F**
- **115V AC or 230V AC Models with TEFC motor designed for frequent Starting & Quiet Operation**
- **Coated Steel Diaphragm Pressure Tank Included**
- **Built in Check valve prevents loss of prime (Requires Positive Suction Pressure)**

AMT Multistage Pressure Booster Pumps are an economical, lightweight, compact booster system designed to increase domestic water pressure in residential, commercial and industrial applications where low or varying water pressures exist. The Hydrascan® Control module starts the pump as soon as the water faucet is turned on and operates continuously until the faucet is shut off eliminating fluctuations in water pressure. 304 Stainless Steel Casing with Glass Filled Polycarbonate, Noryl® and Nylon internal components provide corrosion resistance for clean, great tasting water and low maintenance-trouble free operation. Available in either 115VAC or 230VAC with the corresponding 6 ft. line cord & plug for simple and easy installation.

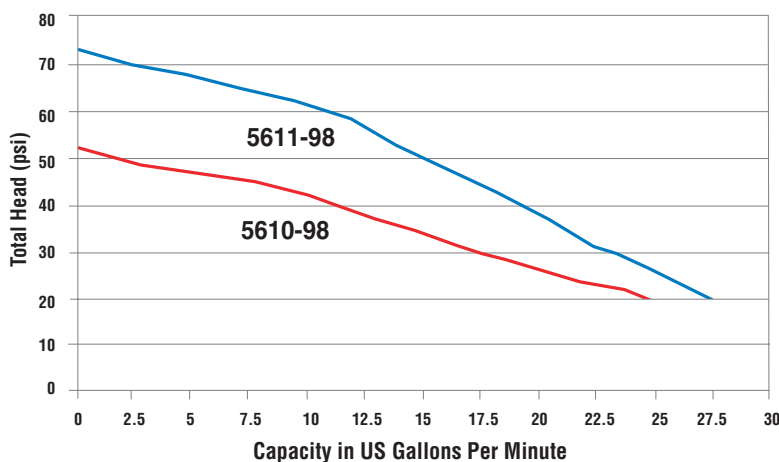
AMT Multistage Booster Systems are available "Off-the-Shelf" for 24 hour shipment.

For use with non-flammable liquids compatible with pump component materials.

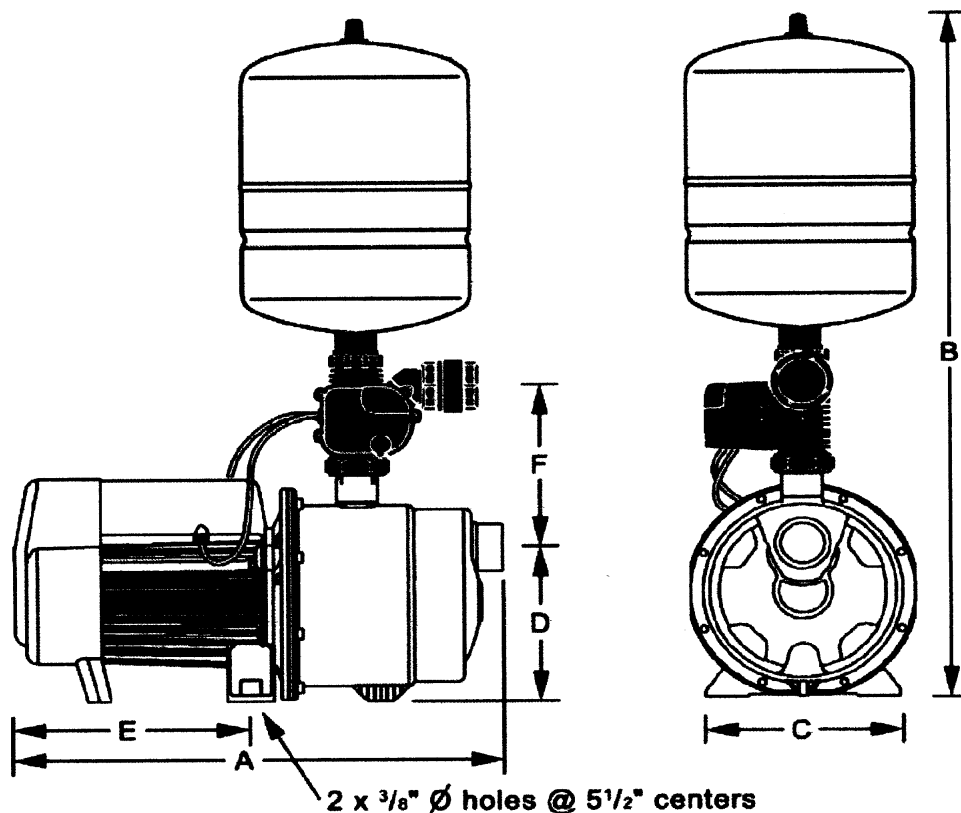


Model 5610-98

Performance of Multistage Booster Pumps



Multistage Booster Pump System



Pump Dimensional & Specification Data

Model No.	HP	PH	Voltage @ 60 Hz	Full Load Amps	Inlet NPT*	Outlet NPT*	A	B	C	D	E	F	Ship Wt. (Lbs.)
5610-98	1/2	1	115	19.0	1 1/4	1	16.0	23.8	8.1	5.7	7.2	5.8	26.0
5611-98	3/4	1	230	16.0	1 1/4	1	17.0	23.8	8.1	5.7	8.2	5.8	29.0

(*) Standard NPT (female) pipe thread.

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

The Patented Hydrascan® module replaces the conventional pressure switch and provides constant pressure without cycling. Factory preset to deliver 44 PSI and adjustable from 17 PSI to 80 PSI settings. 2 Gallon Epoxy powder coated potable pressure tank with Butyl rubber diaphragm insures maximum performance and consistent pressure.

Designed for use in domestic water systems.

Performance Chart

Model	Discharge Pressure PSI	Gallons per Minute (GPM) @ Suction Lift in Feet						Maximum Discharge Pressure PSI
		0	5	10	15	20	25	
5610-98	20	22	21	20	19	18	17	52
	30	18	16	15	14	12	11	
	40	13	10	9	7	5	2	
5611-98	20	27	26	25	24	23	22	72
	30	23	22	21	20	19	18	
	40	19	18	17	16	15	14	
	50	15	14	13	12	11	10	

Standard Features

- 304 SS Casing & Pump Shaft
- Hydrascan® Control Module
- Built-in Check valve
- 2 Gallon Potable Pressure Tank
- Totally Enclosed Fan Cooled (TEFC) motor in 115V or 230V AC
- Adjustable from 17 to 80 PSI
- System Automatically starts and stops on demand