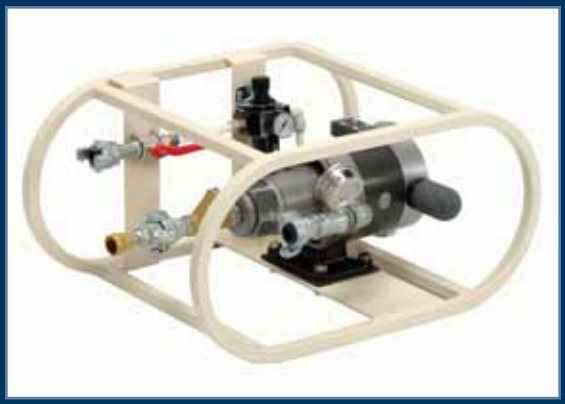
# ALLENTOWN'S WATER BOOSTER PUMP

## Water Booster Pump — Model GBP-500



The Allentown Equipment air powered water booster pump can deliver a maximum of 10.6GPM. The minimum air pressure required is 20PSI and the maximum air consumption is 80CFM. The water pressure can be varied from 0-500PSI depending on the air pressure regulator setting. The pump works on a reciprocating differential area piston principle. This means the larger air piston is connected to a smaller area water piston and has an intensifying effect of the applied air — water pressure. The pump has a 5:1 ratio, which means incoming air pressure of 40PSI will equal 200PSI of water pressure out. When the pump discharge pressure equals or exceeds the air supply pressure, the pump will simply stall, no bypass or pressure relief valve is needed. **CAUTION:** The pump discharge hose must have a suitable rating for the working pressure.

The pump discharge rate can be controlled by limiting the volume and/or pressure of the air supply to the pump. A combination air regulator and filter is provided to regulate and condition the incoming air. A pressure gauge is provided on the regulator to display the regulated pressure. The pump does not require lubrication in the air stream; the pump is prelubricated with special grease. Air stream lubrication is not recommended because it will erode the grease from the pump.

This is the best water pressure booster pump available anywhere!



IF YOU DON'T SEE WHAT YOU NEED, PLEASE CALL:
800-553-3414

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