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## AquaMark Domestic Booster Pump AM-100V 208V 3 Phase Specification

AQUAMARK MODEL AM-100V, ENGINEERED PACKAGED PRESSURE BOOSTING SIMPLEX SYSTEM UTILIZING A VARIABLE FREQUENCY DRIVE. THE SYSTEM SHALL BE RATED FOR A FLOW OF 100 GPM WITH A 50 PSI INCREASE OVER INCOMING PRESSURE. SYSTEM INCLUDES STAINLESS STEEL LIQUID END PUMP WITH 5 HP, 3500 RPM, 3 PHASE INVERTER DUTY ENERGY SAVING ODP MOTOR. THE SYSTEM WILL BE COMPLETELY PREFABRICATED INCLUDING ALL PIPING AND ELECTRICAL. ALL PLUMBING COMPONENTS FEATURE LOW-LEAD BRASS CONSTRUCTION. SYSTEM INCLUDES VARIABLE FREQUENCY DRIVE MOUNTED TO A PAINTED STEEL RISER, NEMA-1 VFD CONTROL, TWO GLYCERIN FILLED PRESSURE GAUGES, GAUGE COCKS, BOILER DRAIN WITH CAP, 2.0 GALLON HYDROPNEUMATIC ACCUMULATOR TANK, 150 PSI RATED RELIEF VALVE AND LOW SUCTION PROTECTION SET TO 7PSI WITH AUTO-RESET. SYSTEM PROVIDED WITH 3" SUCTION SPRING LOADED CHECK VALVE AND SHALL UTILIZE 3" SUCTION AND DISCHARGE. 3" VIBRATION ISOLATION FLEX CONNECTOR WITH SWEAT X SWEAT CONNECTIONS AND A MOLD RESISTANT 3/4" RUBBER PAD INCLUDED. SYSTEM MOUNTED ON A 2' X 2' PAINTED 1/4" THICK STEEL PLATFORM DRILLED TO ACCEPT FOUR 3/8" FLOOR MOUNTING BOLTS. SYSTEM INCLUDES A 6' ELECTRICAL WHIP PRE-WIRED TO THE VFD FOR EASY CONNECTION TO A WALL MOUNTED DISCONNECT SWITCH PROVIDED BY ELECTRICIAN. START UP PHONE CONSULTATION WITH FACTORY TECHNICIAN AND A 24 MONTH FACTORY WARRANTY INCLUDED WITH PACKAGE.