

CONTROLS FOR LOW PRODUCING WELLS

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DEAN BENNETT SUPPLY CO

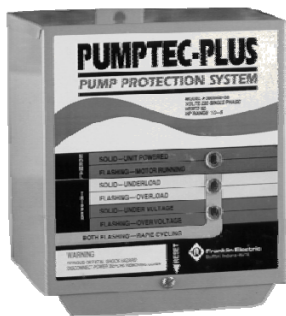
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PRICES ARE YOUR NET COSTS

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\$ 188.00 FRANKLIN ELECTRIC'S PUMPTEC 022494 Franklin's Pumptec is a patented solid state sensing device that automatically shuts off a pump motor when an underload condition exists. Pumptec is designed to protect submersible pumps installed in low yield wells, where the pump may be capable of overpumping the water supply available from the ground strata. In this type of installation, the pump may break suction or run dry, causing damage to the pump. The Pumptec circuit senses motor load by measuring the power factor of the motor and automatically compensates for variations in incoming line voltage. When the motor load drops below a preset level for a minimum of 4 seconds, the Pumptec circuit interrupts power to the motor. The Pumptec will then wait a preset amount of time (field adjustable from 2 minutes to 1.5 hours) then restart the pump motor. Pumptec can also be set for manual reset. Pumptec is designed specifically to work with Franklin 2 and 3 wire motors from 1/2 thru 1-1/2 hp in either 115 volt or 230 volt models. It comes in a rain proof box with a wiring diagram for easy installation. **DO NOT USE A PUMPTEC IF A DOLE FLOW RESTRICTOR VALVE IS ALSO BEING USED.** We have found that Pumptec is not effective in low yielding wells in which the water is cascading down on to the pump.



\$ 352.00 FRANKLIN'S PUMPTEC-PLUS 137147 Pumptec-Plus offers the ultimate in submersible pump protection by preventing damage due to low yield wells, high or low voltage, a faulty check valve, a water logged tank, sand clogging, cavitation or air lock, rapid cycling, or to a drop in the water level of the well. The Pumptec-Plus will work on any 230 volt submersible motor from 1/2 hp thru 5 hp. Its patented microprocessor controls sense both over and under voltage, over and under motor amp draw, as well as rapid motor cycling. The automatic restart timer is adjustable from 1 minute to 4 hours. The control is suitable for outdoor use and has both run and fault indicator lights.

B/W ELECTRODE PUMP CONTROLS

B/W Controls is the pioneer producer of electrode activated floatless level control systems. The Series 1500 induction relays provide a versatile and economical means of controlling pump operation in either pump down mode or pump up mode. These relays will work on motors thru 1 hp and will operate 1-1/2 hp and larger when used in conjunction with a magnetic starter or contactor. B/W Controls offer the most flexible and precise control of low producing water wells: **HOWEVER THEY REQUIRE ABOVE AVERAGE WIRING SKILLS TO PROPERLY INSTALL.**



\$ 264.00 LH 115 VOLT LOW WATER CUT-OFF CONTROL is for use with 115 volt motors in a pump down or low water level control mode. The #1500-C-L1-S7-N1-X relay will turn off the pump when a low water level in the well has been reached or when the tank or cistern being used as your water source has been emptied.

\$ 264.00 LH 230 VOLT LOW WATER CUT-OFF CONTROL is for use with 230 volt motors in a pump down or low water level control mode. Order the #1500-C-L2-S7-N1-X relay.

\$ 465.00 LH 230 VOLT LOW WATER CUT-OFF FOR 1-1/2 HP AND LARGER

\$ 264.00 RH 115 VOLT HIGH WATER SHUT OFF CONTROL is for use with 115 volt motors in a pump up to fill tank control mode. The #1500-D-L1-S7-N1-X relay shuts off the pump when the tank or cistern has been filled.

\$ 264.00 RH 230 VOLT HIGH WATER SHUT OFF CONTROL is for use with 230 volt motors in a pump up to fill tank control mode. Order the #1500-D-L2-S7-N1-X relay.

\$ 465.00 RH 230 VOLT HIGH WATER SHUT OFF FOR 1-1/2 HP AND LARGER

\$ 35.50 E1S STAINLESS STEEL ELECTRODE is a wire suspension type electrode approximately 1-3/8" long and assembled in a molded plastic insulating shield 9/16" in diameter and approximately 2" long.

\$.27 ft ELECTRODE SUSPENSION WIRE 18 gauge stranded copper conductor with a PVC insulation, and is available in either black, red or green color, each sold separately. **BLACK RED GREEN (Electrode suspension wire only \$.17 per foot in full 500' reels)**

\$ 68.00 DOLE GX FLOW CONTROL VALVES The Dole Flow Regulator is designed to restrict the pump's output to a specified flow rate, and it remains accurate within 15% of the valve's rated gpm for pressure drops up to 125 psi. The GX series has 1" female iron pipe threads on both sides for ease of piping. It looks like a normal pipe coupling with a flexible orifice inside that restricts the gallons per minute flow. We stock the GX control in 1 GPM, 1-1/2 GPM, 2 GPM, 3 GPM, 4 GPM, 5 GPM, 6 GPM, 7 GPM, 8 GPM, 9 GPM, 10 GPM, 12 GPM, 15 GPM, and 20 GPM. Do not use a Pumptec if a Dole flow restrictor is also being used.

GX1 = 1 GPM GX112 = 1-1/2 GPM GX2 = 2 GPM GX3 = 3 GPM GX 4 = 4 GPM GX5 = 5 GPM GX6 = 6 GPM GX7 = 7 GPM GX8 = 8 GPM GX9 = 9 GPM GX10 = 10 GPM GX12 = 12 GPM GX15 = 15 GPM GX20 = 20 GPM (Other sizes are available)

