KEEN PUMP

SPECIFICATIONS

CONTROL DUTY "CF" LIQUID LEVEL FLOAT CONTROLS

Pump ON, OFF and ALARM levels shall be controlled by mercury tube float switches.

The mercury switch shall consist of a hermetically welded and sealed canister pressurized with a pure argon gas atmosphere. The argon gas provides a clean atmosphere, extinguishing any sparking action, resulting in long switch life.

The mercury switch shall be rated for a minimum 300,000 cycles.

The complete float control shall at a minimum be component recognized by Underwriters Laboratories or listed with UL and CSA.

The outer shell shall consist of a corrosion-resistant ABS (Acrylonitril Butadiene Styrene) material rated for sewage applications. The outer shell shall consist of an ultrasonically-welded construction, watertight for moisture protection.

The electrical cord shall be a minimum 18 gauge, 2 conductor, SJOW-A jacketed cable. The cord shall be bonded with a steel ring and epoxy potted for a watertight seal at point of entry into the float housing. The cord shall meet and be rated for 120 VAC NEMA 5-15 / 240 VAC NEMA 6-15 standards.

The cable shall be of sufficient length to reach the ___ junction box or ___ control panel with no splices. The minimum cable length shall be 10 feet. If other than standard cable length is provided, the cable length shall be ___ feet.

The level controls shall be suspended from a stainless steel bracket, so adjustments or replacements may be done without the use of any tools or entry into the basin.

KEEN PUMP

SPECIFICATIONS

CONTROL DUTY "CFM" LIQUID LEVEL FLOAT CONTROLS

Pump ON, OFF and ALARM levels shall be controlled by mechanical float switches.

The mechanical switch shall consist of a snap-action switch activated by steel ball rolling back and forth within a switching tube in a plastic housing. There is a minimum differential between "on" and "off" of approximately 3.5 inches. Greater differentials can be achieved when "pipe mounted" or externally weighted mounting styles are used.

The mechanical switch shall be rated for a minimum 300,000 cycles.

The complete float control shall at a minimum be component recognized by Underwriters Laboratories or listed with UL and CSA.

The outer shell shall consist of a corrosion-resistant ABS (Acrylonitril Butadiene Styrene) material rated for sewage applications. The outer shell shall consist of an ultrasonically-welded construction, watertight for moisture protection.

The electrical cord shall be a minimum 18 gauge, 2 conductor, SJOW-A jacketed cable. The cord shall be bonded with a steel ring and epoxy potted for a watertight seal at point of entry into the float housing. The cord shall meet and be rated for 120 VAC NEMA 5-15 / 240 VAC NEMA 6-15 standards.

The cable shall be of sufficient length to reach the ___ junction box or ___ control panel with no splices. The minimum cable length shall be 10 feet. If other than standard cable length is provided, the cable length shall be ___ feet.

The level controls shall be suspended from a stainless steel bracket, so adjustments or replacements may be done without the use of any tools or entry into the basin.