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Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



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TETHERED PUMP SWITCH INSTALLATION INSTRUCTIONS

MOUNTING THE SWITCH

1. Determine the required cord tether length according to product specifications in Table 1 and as shown in Figure A.
2. Place the cord into the clamp as shown as shown in Figure B.
3. Locate clamp at desired activation level and secure the clamp to the discharge pipe as shown in Figure B.

Note: Do not install cord under hose clamp.

4. Tighten the hose clamp using screwdriver. Over tightening may result in damage to the plastic clamp. Make sure the float cable is not allowed to touch the excess hose clamp band during operation.

INSTALL

- Electrical outlet must not be located in pump chamber.
 - Electrical outlet voltage,pump voltage must match.
1. Follow steps 1 through 4 of “Mounting The Switch.”
 2. Insert switch's cord into control panel as shown in Figure A.
 3. Connect pump cord into control panel as shown in Figure A.
 4. Follow control panel installation instructions for proper wiring.
 5. Check installation. Allow system to cycle to ensure proper operation.

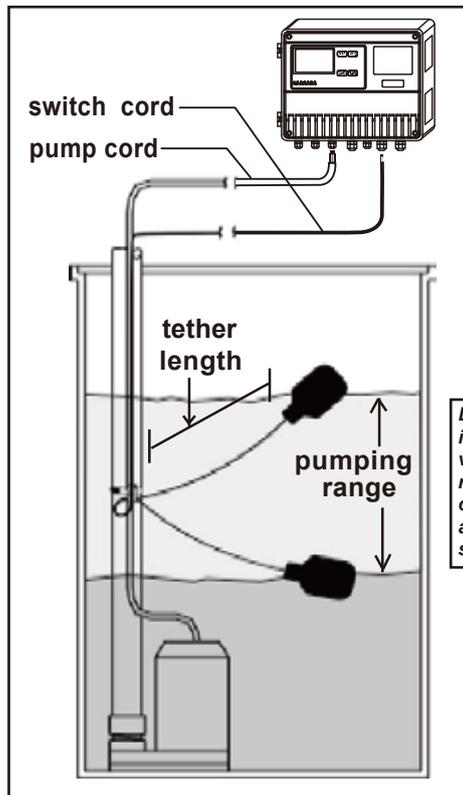


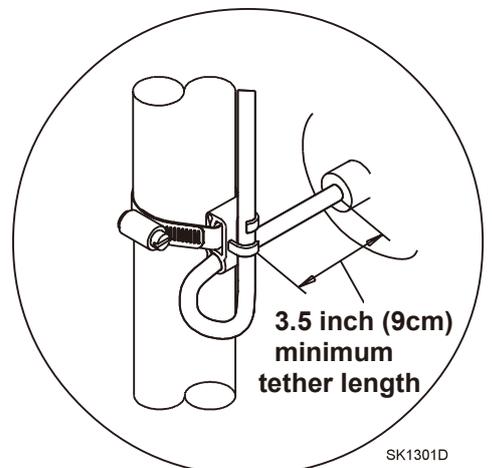
Figure A

tether length	89 min.	152	229	305	381	457	559
pumping range	203	279	381	533	711	787	914

Table 1

(mm)

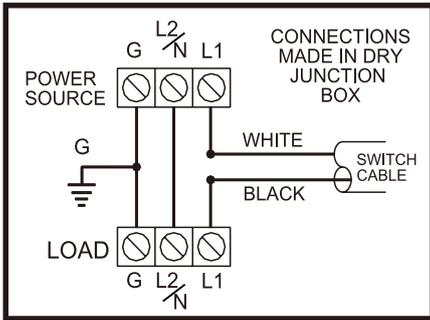
Due to weight of cable, pumping range above horizontal is NOT equal to pumping range below horizontal. Use values published on front page as a guide. Pumping ranges are based on testing in non-turbulent conditions. Range may vary due to water temperature and cord shape. Note: As the tether length increases, so does the variance of the pumping range.



SK1301D

WARNING: Tethering switches below minimum tether length can effect switch operation and will reduce the fatigue life of the cable.

Figure B



	! WARNING	<p>In 230 VAC installations, one side of the line going to the load is always HOT. This condition exists if the switch is on or off. Install double pole disconnect on all 230 VAC circuits.</p>
	<p>Ensure cable connections are performed in a dry junction box or other watertight seal that seals both conductors and cable jacket. Failure to do so could result in electrical shock hazard and/or water traveling down cable and entering the switch. Failure to guard against this may effect switch performance.</p>	

LIMITED WARRANTY

This product is warranted for one year from the date of purchase or 18 months from the date of manufacture, whichever occurs first. Subject to the conditions hereinafter set forth, the manufacturer will repair or replace to the original consumer, any portion of the product which proves defective due to defective materials or workmanship. To obtain warranty service, contact the dealer from whom the product was purchased. The manufacturer retains the sole right and option to determine whether to repair or replace defective equipment, parts or components. Damage due to conditions beyond the control of the manufacturer is not covered by this warranty.

THIS WARRANTY WILL NOT APPLY: (a) To defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with printed instructions provided; (b) to failures resulting from abuse, accident or negligence; (c) to normal maintenance services and the parts used in connection with such service; (d) to units which are not installed in accordance with normal applicable local codes, ordinances and good trade practices; and (e) if the unit is used for purposes other than for what it was designed and manufactured.

THE WARRANTY PROVIDED HEREIN IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, AND MAY NOT BE EXTENDED OR MODIFIED BY ANYONE. ANY IMPLIED WARRANTIES SHALL BE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY AND THEREAFTER ALL SUCH IMPLIED WARRANTIES ARE DISCLAIMED AND EXCLUDED. THE MANUFACTURER SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, SUCH AS, BUT NOT LIMITED TO DAMAGE TO, OR LOSS OF, OTHER PROPERTY OR EQUIPMENT, LOSS OF PROFITS, INCONVENIENCE, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR NATURE. THE LIABILITY OF THE MANUFACTURER SHALL NOT EXCEED THE PRICE OF THE PRODUCT UPON WHICH SUCH LIABILITY IS BASED.

This warranty gives you specific legal rights, and you may have other rights which vary from country to country. Some countries do not allow limitations on duration of implied warranties or exclusion of incidental or consequential damages, so the above limitations may not apply to you.

In those instances where damages are incurred as a result of an alleged pump failure, the Homeowner must retain possession of the pump for investigation purposes.

! WARNING



ELECTRICAL SHOCK HAZARD

Disconnect power before installing or servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.

! WARNING



EXPLOSION OR FIRE HAZARD

Do not use this product with flammable liquids. Do not install in hazardous locations as defined by National Electrical Code, ANSI/NFPA 70.

Failure to follow these precautions could result in serious injury or death. Replace product immediately if switch cable becomes damaged or severed. Keep these instructions with warranty after installation. This product must be installed in accordance with National Electric Code, ANSI/NFPA 70 so as to prevent moisture from entering or accumulating within boxes, conduit bodies, fittings, float housing, or cable.

安装前务必详读说明书

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文件仅供参考
若有任何修改
恕不另行通知



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外接电缆式浮子开关安装说明书

架设浮子步骤

1. 根据表1及图1决定拖曳长度。
2. 如图2，将电缆线置入扣环。
3. 如图2，将金属扣环调整至所需位置并固定於水管上。

注意：不可将电缆线直接束於金属扣环上。

4. 以螺丝起子将金属扣环束紧。勿过度施压避免伤害塑胶扣环，并确认浮子线运作时，不会受扣环末端束线干扰。

外接型插头安装

- 请确保插座不会掉入水泵槽坑或水池，也避免危险。
- 插座、外接式浮子插头及水泵的使用电压要一致。

1. 完成架设浮子步骤1至4。
2. 如图1，将外接式浮子电缆线接上控制箱。
3. 如图1，将水泵电线接上控制箱。
4. 控制箱接线请参照控制箱安装说明书。
5. 检视安装以循环方式检查运作是否正常。

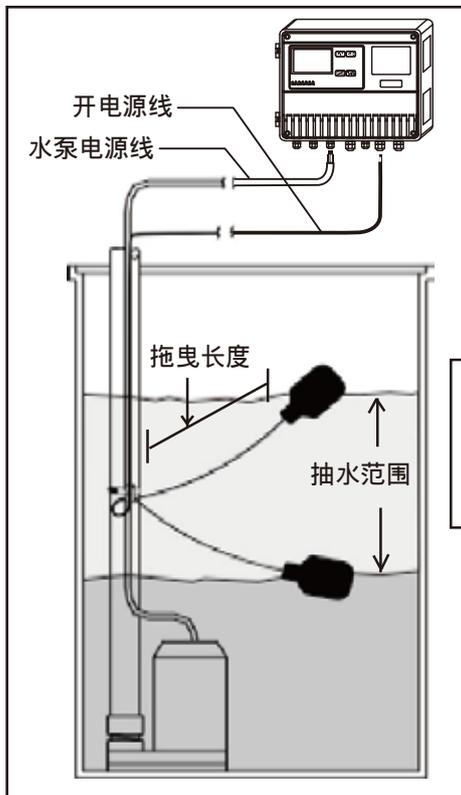


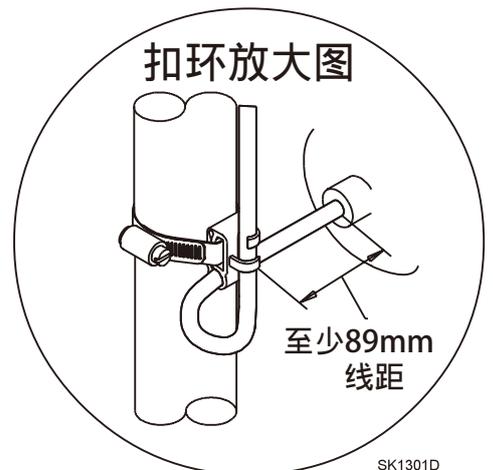
图 1

拖曳长度	89 最少	152	229	305	381	457	559
抽水范围	203	279	381	533	711	787	914

表1

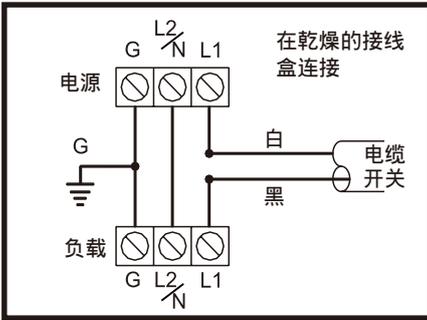
(单位:公厘)

缆线重量的因素，高於平行面的抽水范围并不等於低於平行面的抽水范围，见表1。抽水范围是以无波动的情况下而定，该范围可能因水温及缆线形状而异。
注意：拖曳长度影响抽水范围。



警告：浮子开关低於最低系绳长度，会影响开关操作，减少电缆寿命。

图 2



 警告	<p>在230伏交流电的安装，负载线总是通电中的状态。不论浮子开关是通路或断路，一个侧边的负载总是热的。安装双极断路器在230交流电。</p>
	<p>所有回路上，确保电缆连接在乾燥的接线箱或是其他防水密封，密封件包括导体和电缆外皮。</p> <p>如果不这样做，可能会导致触电的危险或水沿著电缆和进入开关。没遵照防范的预防可能影响开关的效能。</p>

保固说明

本产品的保固为自购买日起算的一年、或从工厂制造日期起算的18个月，以先到期者为准。若能证明产品的缺陷是由材料或制造过程造成，本公司将负责维修或更换。本公司保留决定是否维修或更换产品、零件或配件的权利。维修或更换期间买方所产生的费用或损失不在保固范围内。本公司无法控制的损坏不在保固范围内。

保固不适用於：

- (1) 未依照说明书安装、操作或维护所造成的故障或损坏。
- (2) 不当操作、意外或疏忽所造成故障或损坏。
- (3) 加装不属於本产品的零、配件。
- (4) 未依照当地法规进行安装所造成的危害。
- (5) 将产品用在非原本设计的用途上所造成的损坏。

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在因涉嫌产品故障而招致损害的情况下，财产拥有人必须保留该产品以供调查之用。

 警告	<p>电击的危险</p> <p>安装或维修前请先切断电源。合格的维修人员必须在服务安装产品时依照合适的电机和配管法规。</p>	 警告	<p>爆炸或火灾危险</p> <p>请勿将本产品与易燃液体一起使用。不要安装在危险场所，须符合国家电器法规。</p>
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