

# INSTALLATION MANUAL

## Authorized for HI-Deluxe Swimming Pool Heating Systems

**Read this manual before beginning to install the solar system. You will save installation time and get maximum performance from the system.**

### **Warning!**

If you plan to install the solar system on a roof you must be experienced in working on a roof and have the proper safety equipment. If not, you should hire a qualified person to install it for you. Failure to observe proper safety procedures when climbing ladders or working on a roof or other raised structure can result in a fall with serious injury to you.

Do not build a supporting rack for the solar collectors against a pool fence in such a way that children can climb the rack and thereby gain access to the pool.

### **Planning**

Before beginning installation check to see that the system sizing and location criteria in the Solar System Selection Guide have been followed. If you find it necessary to undersize the system it is your responsibility to inform the pool owner to expect proportionally less heat to the pool than if the pool was sized according to the manufacturer's specifications. For example, ten percent undersized means approximately ten percent less heat to the pool.

### **Inside this Manual**

**Section 1** illustrates the kits and components used for installation of the solar collectors and shows component locations in the system.

**Section 2** shows the steps you must take to properly install the solar collectors.

**Section 3** describes the system piping and control components and their installation.

**Section 4** covers start-up and maintenance.

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