

RAIN COLLECTOR HEATER

INSTALLATION MANUAL

The Rain Collector Heater may be used to protect the Rain Collector's internal components from freezing and/or to measure the moisture content of snowfall. When the heater is on, it is capable of melting snow at a rate of 1/4" (6 mm) of liquid precipitation per hour. It may not be able to keep up with larger rates of snowfall.

The Rain Collector Heater warms only the inside of the Rain Collector and the cone itself. For some weather conditions, it may be necessary to add a lamp or heater beneath the unit to keep the drains open.

Please note that we have made every attempt to design and manufacture a safe product, but Davis Instruments assumes no liability for any injury or damage caused directly or indirectly by the installation or use of this product.

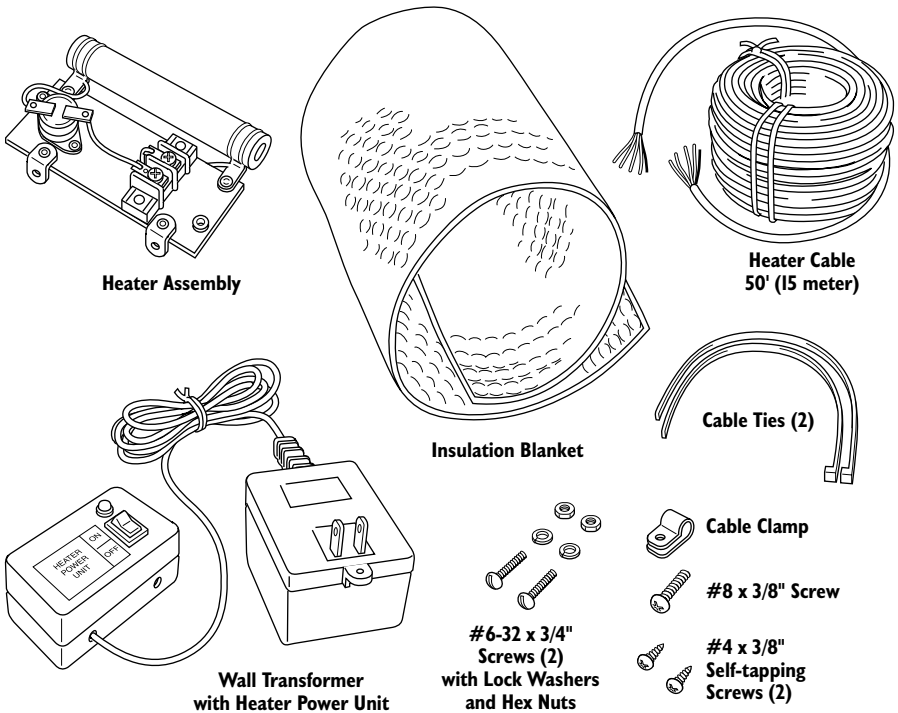
CAUTION: *Although the nominal heater voltage is not hazardous, a short in the wall transformer could cause hazardous voltage to appear on the heater wires. For safety, you should always turn the heater's power unit to the "OFF" position before removing the Rain Collector's cone. We also recommend that you unplug the wall transformer before removing the Rain Collector's cone.*

This instruction manual is designed to take you step-by-step through the process required to install and use your Rain Collector Heater. Please take the time to read through this manual before beginning the process.

COMPONENTS

The Rain Collector Heater includes the following components. Please make sure you have all listed components before continuing.

- ◆ **Heater Assembly**
Includes heater element, thermostat, and terminal block for power cable.
- ◆ **Wall Transformer with Power Unit**
- ◆ **Insulation Blanket**
- ◆ **50' (15 meter) Heater Cable**
- ◆ **Installation Hardware Kit**
 - ◆ Two Tie Wraps
 - ◆ Two #6-32 x 3/4" Screws
 - ◆ Two #6-32 Hex Nuts
 - ◆ Two #6-32 Split Lock Washers
 - ◆ One #8 x 3/8" Screw
 - ◆ One 1/4" Cable Clamp



Components