

HR-SNOWSENSOR: INSTALLATION & USE INSTRUCTIONS

- 1) Place heating mat(s) in desired location(s).
- 2) Choose a location for the HR-SNOWSENSOR that:
 - ☐ is close enough to reach a 120V electrical outlet with your extension cord (use 14 ga cord up to 50' length, or 12 ga cord for 100' length),
 - ☐ is close enough for the mat power plug to reach,
 - ☐ has a clear view of the sky above (not below an eave or overhang),
 - ☐ is not subjected to external heat such as from a dryer vent,
 - ☐ is not likely to have a snow buildup more than 18", and
 - ☐ is suitable for secure attachment of the HR-SNOWSENSOR.

3) Mounting ...

... WALL MOUNT VERSION:

- ☐ Choose a fastener type that fits the mounting bracket holes and is suitable for the secure attachment to the mounting surface.
- ☐ Attach the HR-SNOWSENSOR to the surface using 4 of the chosen fasteners.



... POLE MOUNT VERSION:

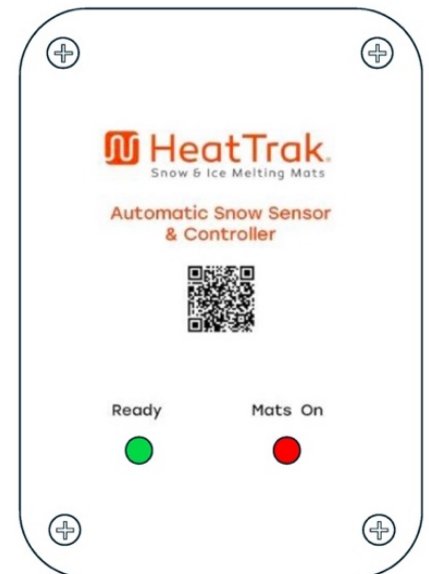
- ☐ At the location chosen in step 2) above, drive the STAKE vertically about 18" into the ground.
- ☐ Slide the POLE over the exposed STAKE.

- 4) Place one GASKET on the plug pigtail on the HR-SNOWSENSOR, and the other GASKET on the mat power plug as shown at the right.
- 5) Connect your extension cord from your 120VAC electrical outlet to the HR-SNOWSENSOR plug pigtail and verify that the green "Ready" light is on.



- 6) Connect the mat power plug to the HR-SNOWSENSOR outlet pigtail.

- 7) OPERATION CHECK: Submerge the temp sensor in ice water for 5 minutes as shown below. Then put a large drop of water on the top precipitation sensor. Observe that the red "Mat On" light turns on in about 2 minutes. Dry the sensor and check that the light turns off after about 2 hours (allows mats time to dry).



- 8) OFF SEASON: To protect the pigtail contacts during the off season, store the HR-SnowSensor inside with your mats. The STAKE can be left in the ground year-round.