



SUMMARY

Below are instructions for installing the Winter Performance Kit with Windcube Profiler Lidars. To uninstall, follow the procedure in reverse order.

Please contact NRG Technical Services if there are any questions during installation:

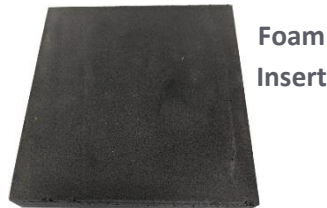
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COMPONENTS

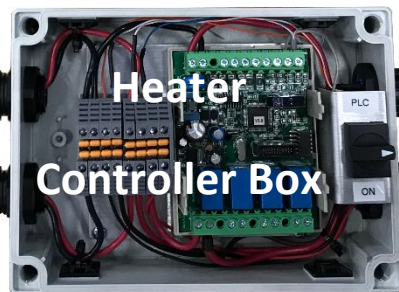
- Tent assembly
- Heater Controller Box
- Temperature probe
- IR Sensor
- Foam inserts



24V DC from Power Source



24V DC to Windcube



Heater Plate & IR Sensor Connector for Wiper



ASSEMBLY INSTRUCTIONS

- 1) Power off Windcube Profiler Lidar
- 2) Insert the foam inserts into door vents
 - a. Open door vents (use fingers or flat screwdriver)
 - b. Remove and retain filters
 - c. Insert foam and close vents

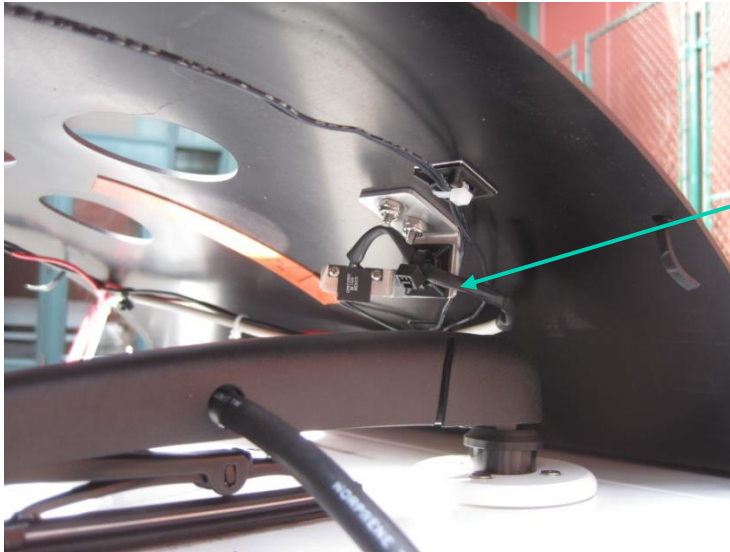


- 3) Disconnect fan power
 - a. Locate the fan power connector inside main door
 - b. Pull collar apart
 - c. To reconnect, line up red dots and press together





- 4) Connect power to Controller box as shown above and place controller on the ground near the Windcube (it is OK for the controller box to get buried in snow):
- 5) Lower the Tent assembly down onto the Windcube
IMPORTANT! Orient the tent assembly on the Windcube so that the wiper sensor is near the wiper shaft, as shown in the photo below:



Wiper Sensor

- 6) Carefully slide the tent over the Windcube as shown below and tighten the bottom draw string.



- 7) Place the temperature sensor in a location that is representative of ambient air and won't get covered with snow (not on the heater plate or under the snow tent).
- 8) Open the controller box and turn switch to "Off", "PLC" or "On"
 - "PLC" will run the heater plate off of the sensors and use 25% less power than "On"
 - "On" will run the heater plate constantly (100 Watts)
 - "Off" will turn the heater plate off (there will still be power to the Windcube)