SECURITAS TEMPERATURE MONITORING

Securitas Preferred Installation Guidelines

-80 FREEZERS

Defrost Freezer (where possible for most accurate and consistent monitoring)

1. Affix module on front of freezer and connect probe wire to one of the three ports.
2. Run probe through the port on the back side or top of exterior of freezer. Freezer caps will need to be modified to allow wire to fit through and caps to be put back into place.
3. Insert the probe into the interior compartment (compartment may need to be unscrewed) where internal freezer probe is located.
4. Run wire along outside of freezer to module and connect.
5. (Optional) Affix door sensor seals and connect wire into module port
6. (Optional) Connect power sensor into port and plug into same circuit as freezer (where applicable)

If using the tube and liquid method

1. Affix module on front of freezer and connect probe wire to one of the three ports.
2. Run probe through the port on the back side or top of exterior of freezer. Freezer caps will need to be modified to allow for wire to fit through and caps to be put back into place.
3. Fill tube with 100% Ethanol, cap, and insert probe into liquid.
4. Affix the tube on one of the interior walls of the freezer OR place tube in an open spot on shelf.
5. Run wire along outside of freezer to module and connect.
6. Follow steps 5-6 above

If installing on running freezer (not recommended)

1. Affix module on front of freezer and connect probe wire to one of the three ports.
2. Run wire through crack of door (hinge end).
3. Place probe / probe in liquid in open space on shelf
4. Follow steps 5-6 from above.

Same process will occur for -20’s, refrigerators, and delicases. There may not be a port, so running through the door may be only option. Probe location may vary as well. All other installation steps will be the same.

Door sensors will require some maneuvering before secured to asset or false alerts could ensue. Typical gap is beyond 1” separation. Sensor contacts location may vary based on asset type.

For liability reasons, it is lab responsibility to install. Outsourcing installation to an outside entity, such as Alert Scientific, is an option and at the discretion and responsibility of the lab.
DEMO PURPOSES ONLY
TOP PORT INSIDE FREEZER

Ideal port to use for Ethanol tube install method

DEMO PURPOSES ONLY
BACKSIDE FREEZER PORT FOR BOTTOM HALF FREEZER PROBE INSTALL
DEMONSTRATION ONLY
VIEW OF INSIDE
FREEZER INTERNAL

- Insert
- Port hole
DEMO PURPOSES ONLY
OPTIONAL PORT ON UPPER/BACK OF FREEZER IF USING ETHANOL TUBE
1. Loosen screws
2. Insert wires
3. Tighten screws
DOOR HANDLE
Door Sensor Location Option