

North Sumner Elementary School
1485 N Sumner Rd
Westmoreland, TN 37022

Bid Specifications for Combination Cooler/Freezer Walk In

Item 1: WALK-IN COMBINATION COOLER/FREEZER
Manufacturer: THERMO-KOOL, or pre-approved alternate
Model #: Q42247-25

Description:

1. Walk-In Combination Cooler and Freezer shall be located outdoors on level surface.
2. Total dimensions shall be 23'3" x 7'11" x 8'7" High. Nominal dimensions not accepted.
3. Insulation: 4" DURATHANE, all-urethane foamed-in-place (Class 1).
4. Exterior: Stucco Aluminum.
5. Interior: White Stucco Galvanized.
6. Interior Floors: 1/8" Aluminum Treadplate in freezer and cooler with exterior ramps.
7. (2) 34"x78" Flush Mounted Entrance Door(s) with hardware, Pilot light & switch assembly, vapor proof light & dial thermometer. NSF listed.
8. (2) Door(s) with (2) Hinges per door, hinged right.
9. (2) 14"x14" peep window w/ heated frame & glass.
10. 36" High 1/8" Treadplate kickplates and jamb guards on exterior and interior of door and door panel.
11. (2) LED light fixture at door.
12. (2) vinyl strip curtain.
13. (2) Backup frame heater wire.
14. (2) Thermostatically controlled door frame heater(s).
15. (2) Pressure relief vent.
16. (4) 48" LED light fixture(s) with bulbs.
17. Enclosure trim.
18. Trim.
19. Sloped weather roof with vinyl weather cap.
20. Cooler Refrigeration system shall have 1 1/4 HP, Remote Pre Assembled Refrig. System Model RFO150E4SDANT 208-230/60/3 Medium Temperature, base, weather hood, winter controls, Scroll, Air-cooled, R448A (11.3 Compressor RLA) with RL6A094ADASC 115/60/1 coil (1.6 amps) with Dual Speed EC motor.
21. Freezer Refrigeration system shall have 3 1/2 HP, Remote Pre Assembled Refrig. System Model RFO350L4SDA 208-230/60/3 Low Temperature, base, weather hood, winter controls, Scroll, air-cooled, R448A, Std. Defrost Kit (18.6 Compressor RLA) with RL6E090DDASC 208-230/60/1 coil (1.0 fan amps, 9.8 heater amps) with Dual Speed EC motor.
22. Ten year panel warranty.

23. Five year compressor and one year refrigeration parts warranty. One year installation labor warranty.
24. All panels are pre-assembled at the factory prior to shipment for a thorough quality control inspection. A digital photograph is taken of the preassembled walk in and sent to the dealer with all warranty paperwork.
25. Made in the USA.

Installation Requirements for Successful Bidder:

1. Removal and dispose of existing walk-in combination box.
2. Deliver and uncrate all walk in panels.
3. Erect and fully assemble walk in panels. Floor panels must be level.
4. Put condensing unit in place. Condensing unit located outside on level surface.
5. Install sloped weather roof with weather cap.
6. Sumner County Maintenance Department to have all proper utilizes for final electrical connections prior to installation.
7. Sumner County Maintenance Department to modify existing HVAC system above existing walk in combination cooler/freezer to allow for sloped membrane to successfully attach. Sloped membrane is needed to prevent puddled/nesting water to sit on top of walk in.
8. Make all refrigeration and electrical final connections. Refrigeration systems must be fully started up by successful bidder.
9. Final electrical connections to include condensing unit, evaporator coils, and all electrical components inside cooler and freezer (door frame heater wire, lights, drain heater, etc.).