STATEMENT OF WORK

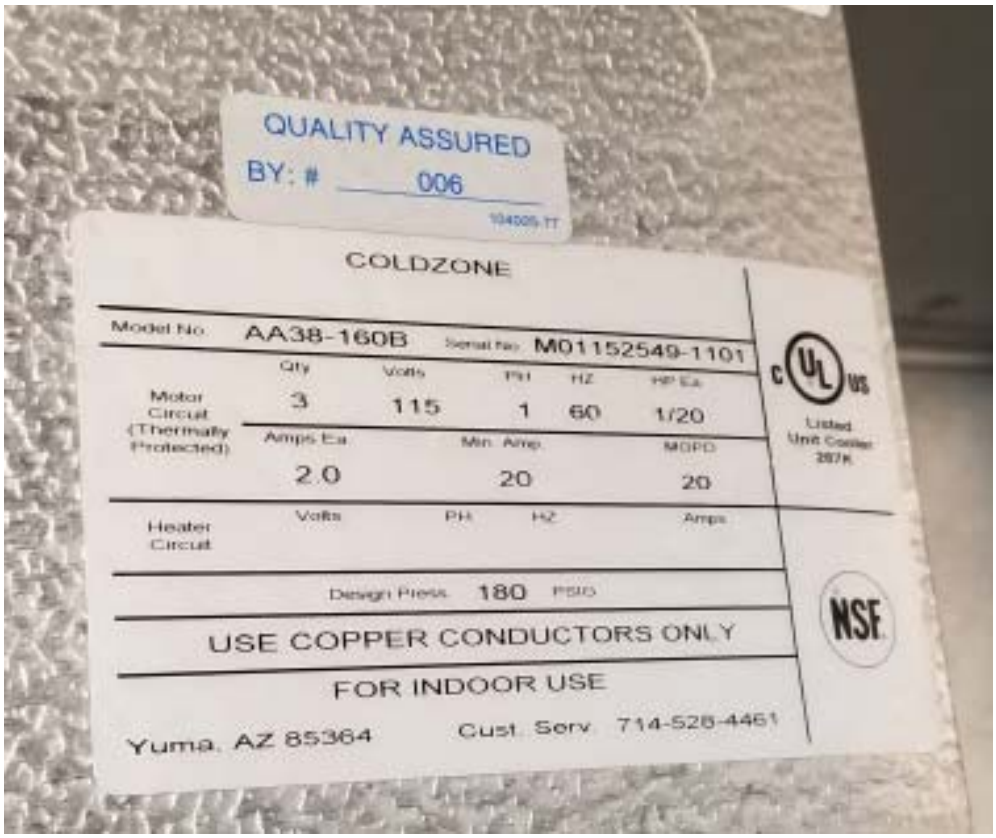
BACKGROUND
Currently, the Cheyenne VAMC has 6 walk-in box units consisting of 1 freezer, 3 refrigerators (Chill, dairy, produce), 1 thaw box, and 1 food bank. The description for all are pictured below in the requirements sections. Currently, they are all connected to one condenser stored outside (**Attachment 1**). The condenser is old and continuously failing. The current compressor is illustrated in **Attachment 2**. This is a request for a quote to purchase 1 condenser, 1 compressor, and 1 attachable coil for each of the 6 walk-in box units. The desire is to have the condensers in a rack system outside and rack system for the compressors inside. However, if it more feasible to have a rack system for the compressors and condensers outside, that is acceptable

SITE VISIT

Mandatory site visit occurring 10:00 a.m. Wednesday, August 15, 2018 at 2360 E. Pershing Blvd, Building 11 Engineering, Cheyenne, WY 82001-5356. See Attachment 5 for a map of the installation.

REQUIREMENT
1 condenser, 1 compressor, and 1 attachable coil for each of the following box units:

Refer 1 – Cart Chill Box Specs, 10x18x8 ft, operating temp is 35 to 41 degrees F

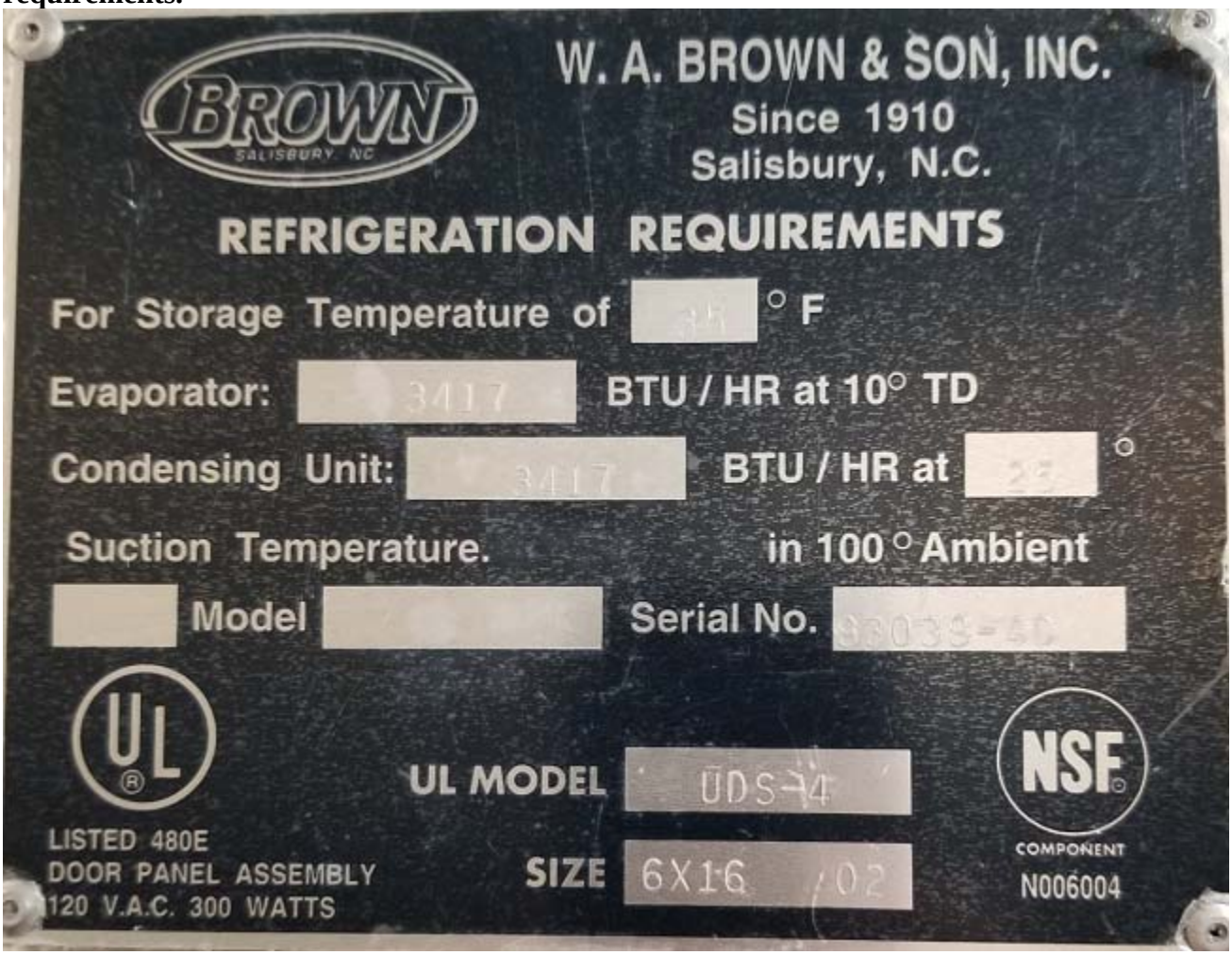


Refer 2 – Dairy Box Specs, 9x10x8 ft, operating temp is 35 to 41 degrees F

Refer 3 – Produce Box Specs, 8x9x8 ft, operating temp is 35 to 41 degrees F

Freezer – Specs, 8x26x8 ft, operting temp is -12 to 0 degrees F

Thaw Box – 6 x 16 operating temp 35 to 41 degrees F. **See Attachment 3 for specifications and requirements.**



Food Bank – 10 x 8 x 7 the box is located on the 2nd floor. Operating temp is 35 to 41 degrees F. **See Attachment 4 for specifications and requirements**.

SYSTEM DESCRIPTION:
The compressor rack system will be placed in a mechanical room with the dimensions of 10ft 5in x 13 ft.

The multi-circuited Refrigeration Rack System with the following Specifications:

Air Cooled Systems to include Refrigerant Receiver Tank, Receiver Valve, Suction Service Valve, Liquid Line Filter/Drier,
Sight Glass, Compressor Contactor, and Defrost Timer. All systems will be pre-wired to electrical panel for single point
connection and all refrigerant piping will be pre-piped to internal pitch pocket or to exit point for ground based systems.
Housing to be Galvanized Steel Construction with Modular Condenser coils sized for 110oF ambient.
Optional Components Available – Suction Accumulators – Suction Filters – Master Controllers – Hot Gas Defrost – Oversized
Receivers – Coated Coils (for coastal or corrosive environment).

ELECTRICAL SETUP REQUIREMENTS:

- Disconnect old chiller and pumps.
- Leave old unused power for chillers outside in disconnect.
- Remove disconnect inside room and extend conduit across the room.
- Poke conduit outside, pipe down the wall and set new disconnect for new chiller unit.
- Run Flexible conduit from disconnect to new chiller unit.
- Pull new larger wire from panel to outside disconnect and to chiller.
- Install new 100Amp breaker in panel.
- Hook up on both ends.

INSTALLATION/SETUP REQUIREMENTS:

- Removal and disposal of old condenser, compressor and coil units and installation of condensing and compressor units for walk in refrigeration boxes to include recovering all refrigerant and removing old condensing units.
- Set new condensing unit and run new copper pipe from condenser to evaporators. Evacuation of lines and pressure testing.
- Installation of all items will result in a complete running system.

The items will be shipped to and installed at:

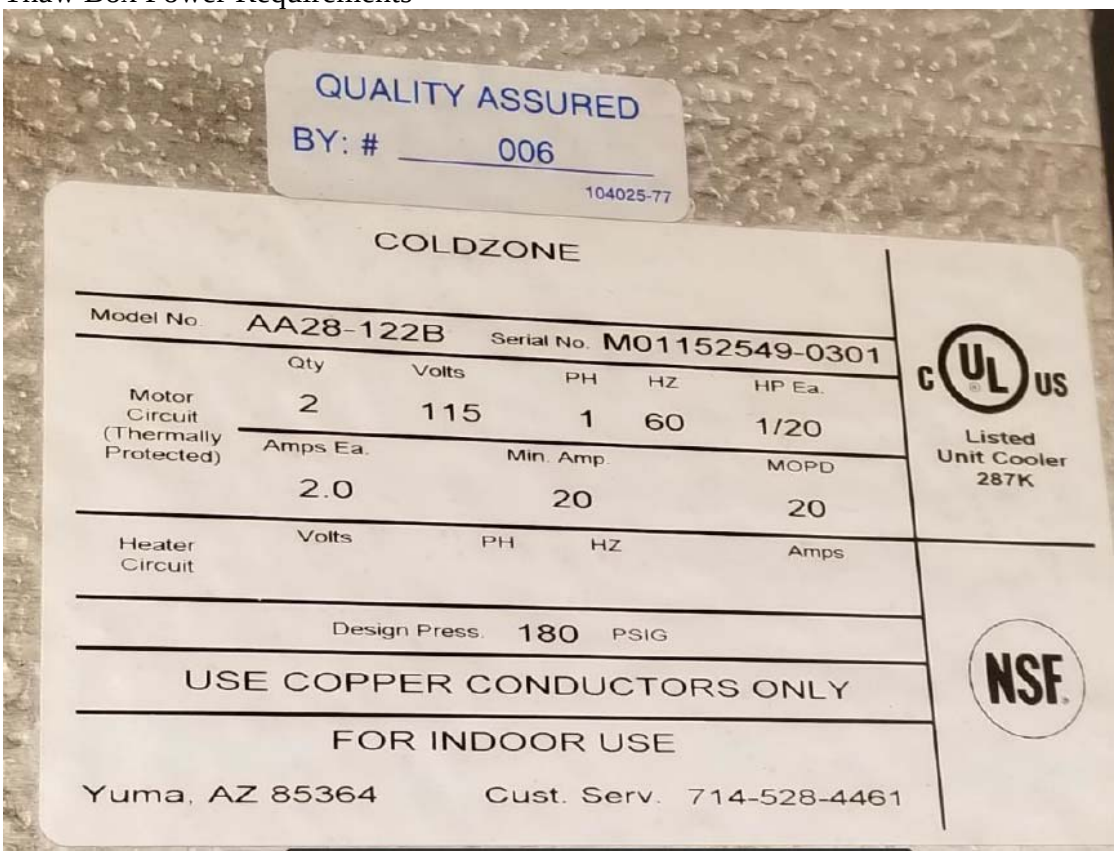
Department of Veterans Affairs
VA Medical Center Cheyenne
2360 E. Pershing Blvd
Cheyenne, WY 82001-5356

Attachment 1
Current Outside Condenser

Attachment 2
Current Compressor Rack Station in Mechanical Room

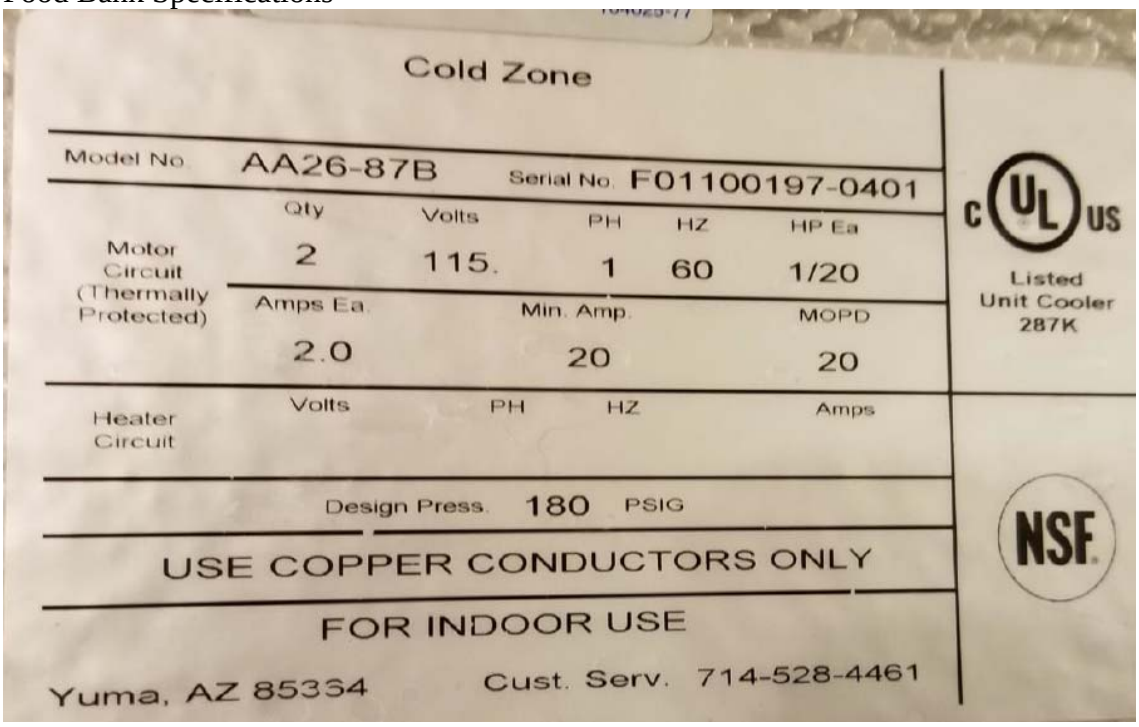
Attachment 3
Thaw Box Specifications and Requirements

Thaw Box Power Requirements



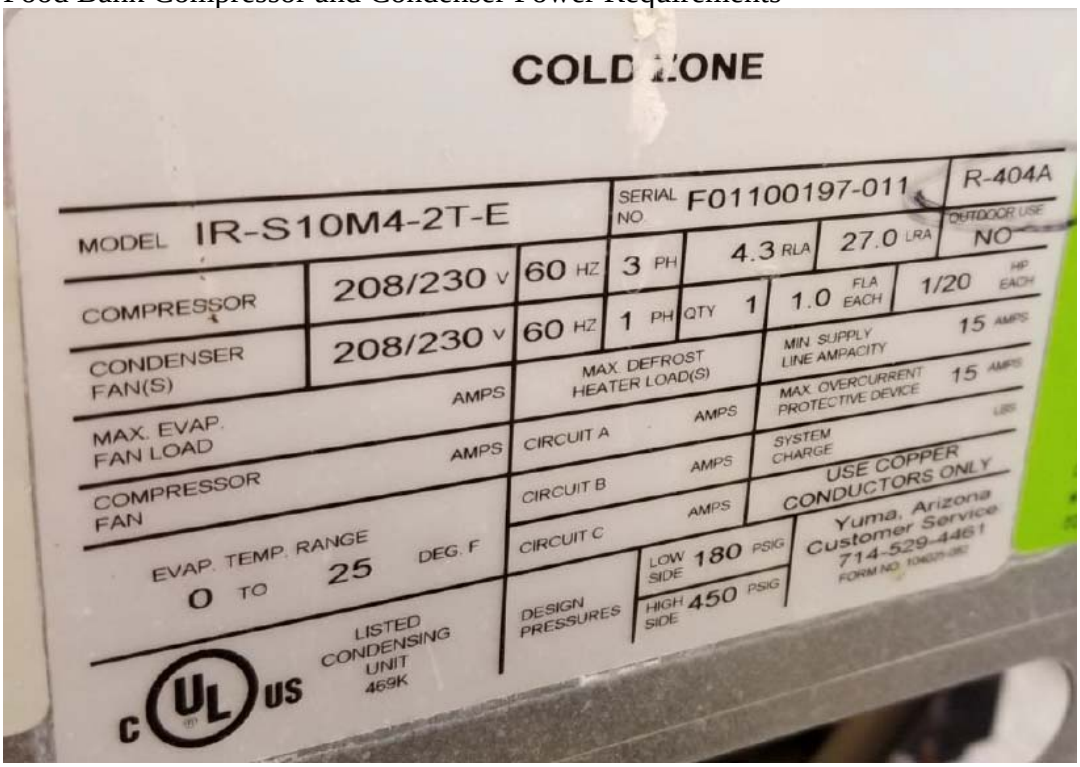
Attachment 4
Food Bank Specifications and Requirements

Food Bank Specifications



Food Bank Power Requirements

Food Bank Compressor and Condenser Power Requirements



ATTACMENT 5 MAP