The training unit shows the domestic coolers, Freezers and autonomous air conditioning units with a heat exchanger / condensers Co-axial tube in tube.

- Evaporator and condenser sighted glass tubes at inlet and out let. Aluminum fin, copper tube evaporator with variable speed fan for load adjustment.
- Water cooled condenser with standard hose connections and ball valves to meter water flow.
- A combination low and high pressure control in the circuit at all times to prevent damage to the compressor.
- Thermostatic control with a range of –30°F to 100°F.
- High pressure cutout in the circuit at all times to prevent damage to the compressor.
- Evaporator coolant discharge determined by either the capillary automatic expansion valve (AXV).
- Aluminum fine tube evaporator for load adjustment with variable speed fan. Air cooled condenser for testing air with regular pumps and ball valves.
- A high pressure and low pressure control combination to eliminate compressor failure at all points in the circuit.
- Thermo control scale of – 30°F to 100°F. Thermo control.
- At all times high pressure circuit cut off to prevent
- Compressor damage.

Electrical specifications:

- 120VAC; 60Hz; 15AA
- Using Refrigerant HFC 134a
- Complete Size: 34.5'' L x 18'' W x 77.5'' H
- 1/3 HP reciprocating compressor, hermetically sealed.
- 1/4 "thick HDPE panels of steel reinforced part shelf parts

Note: Specifications are subject to change.

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