



**Klund Services Heating and A/C, LLC**

Lic.# TACLA011225E (817) 558-1023  
1613 Royalwood Circle Fax : (817) 558-1340  
Joshua TX, 76058

Quote #	<b>2847</b>
Quote Date	01/29/20
Customer #	10289

**Sold To:**  
Stephenville I.S.D.  
2655 W Overhill  
Stephenville, TX 76401

**Ship To:**  
Stephenville I.S.D.  
2655 W Overhill  
Stephenville, TX 76401

<b>Reference</b> Computer Room Repl U	<b>Cust PO #</b>	<b>Ship Via</b>	<b>Valid Through</b> 02/29/20	<b>Terms</b> Net 15 Days <b>Salesperson</b> David Klund
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**Description**

**Administration Building Computer Room Air Conditioning Replacements:**

Replace the existing two unit for the computer room with two new Liebert 5-ton units. The new units will be installed in the down-flow position in the computer room and the two condensers will be installed outside in the existing location of the old condensers. The new unit will have a one-year labor warranty from Klund Services, a one-year manufacturer parts warranty and a five-year part only manufacturer compressor warranty. The labor and materials to install a replacement part after the first year are not covered.

**Prices quoted here do not include sales tax.**

**The new Liebert systems will have to following:**

**Quantity (2) Liebert PDX Air-Cooled System**

Model Number: PX018DA1CDE957  
Nominal 5-Ton (18.3 kW) providing a sensible capacity of approximately 62,500 BTU/hr with return air conditions of 75°F, 45% RH  
208 Voltage, 3 Phase, 60 Hz  
65,000 Amp, rms Short Circuit Current Rating

**System Details:**

- Downflow with discharge into raised floor
- Liebert iCOM Control with High Definition Touchscreen Display
- iCOM based communication
  - Base Comms & Connectivity includes one Ethernet port and one RS-485 port on iCOM controller, dedicated to supporting BACnet IP, Modbus TCP/IP, BACnet 485, Modbus 485 and SNMP v1/v2c/v3 and capability to send e-mails and texts upon alarm conditions (must be connected to the customer's network)
- Variable speed EC plug fans
- Digital scroll, variable capacity compressor utilizing R-410A
- Crankcase Heater
- Thermal Expansion Valve
- Evaporator Type: tilted- slab, copper tubes - aluminum fins with hydrophilic coating
- Two-Stage 12kW Electric Reheat.
- Infrared Humidifier
- Locking Disconnect Switch
- Condensate pump with high water connection (field-installed external to unit)
- Filter Rating: MERV 8 per ASHRAE 52.2-2007
- Supply Air Sensor
- Smoke Sensor
- Temperature/Humidity Sensors internal for return air sensing



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- One Remote Shut Down Contact
- Three Alarm Contacts
- 9" Floorstand with vibration isolation feet
- LT460-Z20,Zone Water Detection Kit with a 20-foot water detection cable
- Unit Color: RAL 7021 Black Gray Matte

**Quantity (2) Liebert MC Air-Cooled Microchannel Condensers**

Model Number: MCM040E1YDA860  
Outdoor Design Ambient : 105°F  
Voltage: 208-230V/3ph/60Hz

The Liebert MC is an air-cooled condenser featuring an all aluminum microchannel coil and a variable speed EC motor on every fan. Constructed with an aluminum cabinet, the Liebert MC is a low-profile, direct-drive propeller fan-type air-cooled unit suitable for mounting outdoors. All electrical connections and controls are enclosed in a factory mounted NEMA 3R electrical panel.

**Liebert MC Condenser Details:**

- Microchannel aluminum coil
- Variable Speed EC Fans
- Premium electronic control board providing communication with iCOM using CANbus
- NOTE: Wiring between indoor CRAC unit and outdoor condenser requires BOTH 24V control wire and CANbus communication wire. This wire can be ran in the same conduit and is to be field supplied and installed by contractor.***
- Short Circuit Current Rating of 65,000 Amps, rms
- R-410A factory set points and single refrigerant circuit
- Aluminum exterior panels and 18" aluminum legs

THIS IS NOT AN INVOICE	<b>Total Quote</b>	<b>\$72,810.00</b>
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