

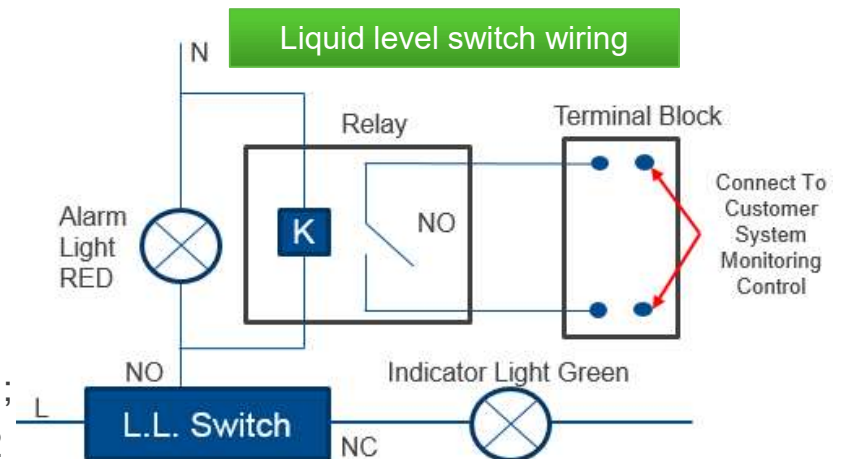
All New ZX 16 HP & 20 HP

- Large CDU Product Line & Offering
 - HP Range & Design Concept
 - Model Variations
 - BOM & Nomenclature
- Product Value
- Typical Model Introduction
 - ZXD/ZXLD160BE
 - ZXD/ZXLD200BE
 - CoreSense™ Controller
- Unit Test Qualification
- Application Cases



Flexibility on Feature & Offering

- TFD Motor Code, R404A Refrigerant
- 12HP, 16HP, 20HP
- Low Ambient Kit Optional (BOM-581) for Cold Area
- Rack Optional (EMP Nomenclature) for Indoor Application
 - Larger oil separator & liquid receiver for long system piping
 - Liquid level protection capable
 - LED alarm & relay/terminal for customer monitoring connection, liquid level switch to be connected on receive by customer
 - Chassis canopy optional for sound sensitive sites
- Remote Condenser Optional for 20HP (BOM-651)
- Emergency Mode for 20HP
 - Short time debugging operation when electronic control system is malfunctioned
 - Push the switch button & convert to the control by 2 LP switches
 - LP higher than LP switch 1 setting, start comp 1 & fan 1;
 - LP higher than LP switch 2 setting, start comp 2 & fan 2 after time delay



Proven High Reliability Emerson Brand CDU

- Copeland Scroll™ Compressor
 - High Efficient, Quiet, High Reliability
 - Copeland Axial / Radial Compliant Scroll
- Enhanced CoreSense™ Controller
 - Pre-Failure Diagnostics Reducing Service Rate
 - Emerson Dedicated Controller for CDU
 - Control Logic Designed for Annual Energy Saving
 - Communication Value Added for Centralized Monitoring
- System Protection in Design
 - Moisture Indicator, Filter Drier, Oil Filter, Oil Management Device, Etc.



**Best In Class
Quality / Reliability**
(~1.5% Failure Rate)



**Improving Customer Satisfaction
Reducing Customer Maintenance Cost**

125K PCS Emerson CDU Operating in Customer Fields

Outdoor CDU Vs. Indoor Rack

- Less Capital Investment On Machine Room

Condensing Unit



Indoor Rack

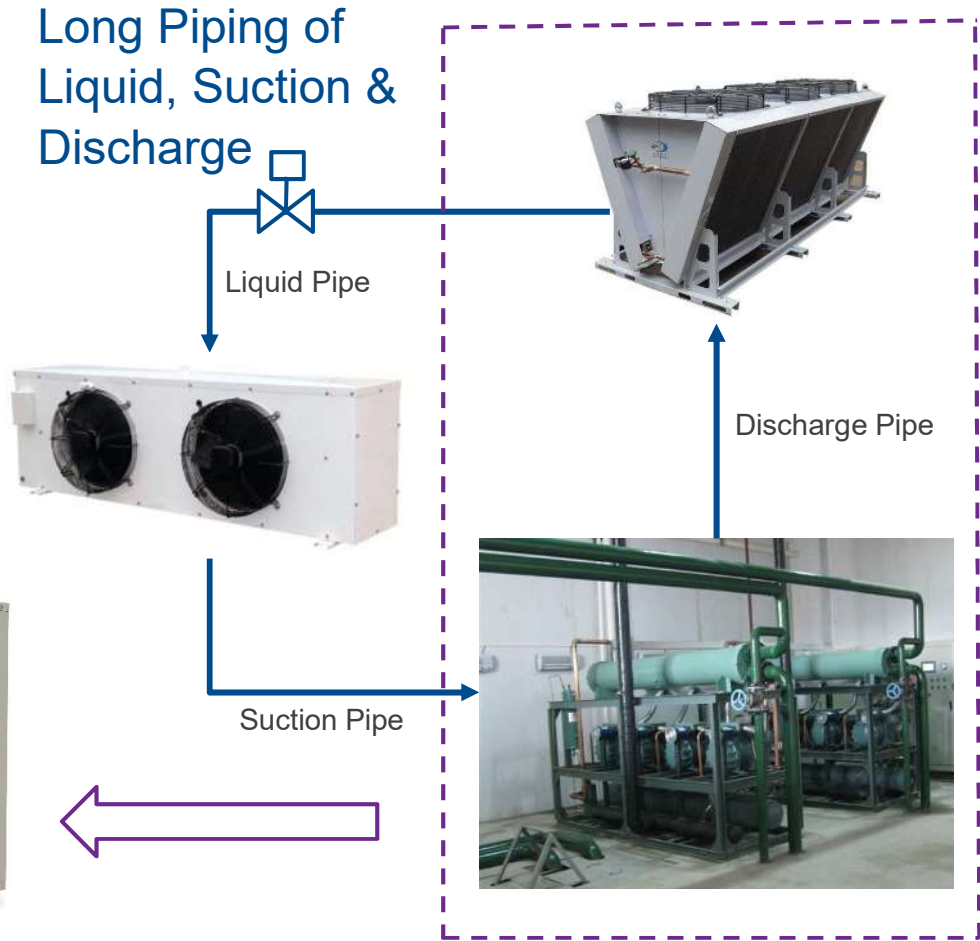


Machine Room

**Condensing Unit Is Flexible of Installation Location
Avoiding Dedicated Machine Room**

Outdoor CDU Vs. Indoor Rack - Higher System Efficiency & Reliability

- Less Pressure Drop
- Less Leaking Points
- Less Refrigerant Charge
- Less Footprint
- Compact Design
- Better Appearance



**Condensing Unit Is Premium on System Efficiency & Reliability
Requires Less Footprint and Has Better First Impression**