

Report By:

Chetu Development
Test add 11
Test add 22
Noida, AL 44444



Report: 11_2 july
Function: Test, Adjust, & Balance
Date: 07/11/2023

PROJECT

10 Jan 2023

Address1

City, AK 11111

Client

Accurex

400 Ross Ave

Schofield, WI 54476

Chetu Development

Project: 10 Jan 2023

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System/Unit: AHU/RTU



Asset: AHU1

AREA:

| Unit Data | | |
|---------------------|--------|--------|
| | Design | Actual |
| MFG | ee | ee |
| Serial Num | - | |
| Model Num | rr | rr |
| Inventory Tag ID | - | |
| Type | - | |
| Series | - | |
| Configuration | - | |
| Num OA Filters 1 | - | |
| OA Filter Size 1 | - | |
| Num OA Filters 2 | - | |
| OA Filter Size 2 | - | |
| Num PreFilter 1 | - | |
| PreFilter Size 1 | - | |
| Num PreFilter 2 | - | |
| PreFilter Size 2 | - | |
| Num Final Filter 1 | - | |
| Final Filter Size 1 | - | |
| Num Final Filter 2 | - | |
| Final Filter Size 2 | - | |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | |
| Rated Voltage | - | |
| Rated Amperage | - | |
| Frequency | - | |
| Service Factor | - | |
| Efficiency | - | |
| Power Factor | - | |

| Drive Data | | |
|--------------------|--------|--------|
| | Design | Actual |
| Motor Sheave MFG | - | |
| Motor Sheave Size | - | |
| Motor Bore Size | - | |
| Motor Sheave SetPt | - | |
| Fan Sheave MFG | - | |
| Fan Sheave Size | - | |
| Fan Sheave Bore | - | |
| Belt CL Distance | - | |
| Num of Belts | - | |
| Belt Size | - | |
| Belt MFG | - | |
| Belt Deflection | - | |
| Belt Alignment | - | |

| Test Data | | |
|--------------------------|--------|--------|
| | Design | Actual |
| SF CFM (Initial) | - | |
| SF CFM | - | |
| SF RPM (Initial) | - | |
| SF RPM | - | |
| RA CFM | - | |
| OA CFM | - | |
| Exhaust CFM | - | |
| Relief CFM | - | |
| RL Voltage | - | |
| RL Amperage | - | |
| SF Rotation | - | |
| VFD Max SetPt | - | |
| VFD Min SetPt | - | |
| SF Motor Freq(HZ) | - | |
| SF Flow Station (Kv) | - | |
| OA Flow Station (Kv) | - | |
| SF System SetPt | - | |
| RA Flow Station (Kv) | - | |
| Relief Flow Station (Kv) | - | |
| RA Damper Position | - | |
| RA Damper Type | - | |
| MA Damper Position | - | |
| MA Damper Type | - | |
| OA Damper Position | - | |
| OA Damper Type | - | |
| Min OA Damper Position | - | |
| Min OA Damper Type | - | |
| Econo Damper Position | - | |
| Econo Damper Type | - | |
| Relief Damper Position | - | |
| Relief Damper Type | - | |
| OA Enthalpy Setpt | - | |
| Brake Horse Power | - | |

| Condensor Fan | | |
|-----------------|--------|--------|
| | Design | Actual |
| Fan 1 Motor RLA | - | |
| Fan 1 Motor RLV | - | |
| Fan 2 Motor RLA | - | |
| Fan 2 Motor RLV | - | |

| Gas Heat | | |
|-----------------------------------|--------|--------|
| | Design | Actual |
| Output MBH (rated) | - | |
| Gas Inlet Pres (wc) | - | |
| Gas Low Fire Pres (wc) | - | |
| Gas High Fire Pres (wc) | - | |
| Pilot Ignition Status (pass/fail) | - | |
| Single or Dual Bank | - | |
| Staged or Modulating | - | |
| Heater Operates (y/n) | - | |
| Combustion Blower Operates (y/n) | - | |
| Flame Status (pass/fail) | - | |
| High Limit Temp Cut-off SetPt | - | |
| Inlet Temp SetPt | - | |
| Discharge Temp SetPt | - | |
| Temp Rise SetPt | - | |
| Air Flow Switch SetPt | - | |
| Air Flow Switch Actual | - | |
| Air Flow Switch CTRL Voltage | - | |
| Air Switch Proved (Pass/Fail) | - | |
| Space Temp SetPt-ON | - | |
| Space Temp SetPt-OFF | - | |
| Flame Modulates (y/n) | - | |

| Electric Heat | | |
|-------------------------------|--------|--------|
| | Design | Actual |
| KW (TOTAL) | - | |
| Num of Stages | - | |
| Voltage | - | |
| Stage 1 RLA | - | |
| Stage 2 RLA | - | |
| Stage 3 RLA | - | |
| Stage 4 RLA | - | |
| Stage 5 RLA | - | |
| Stage 6 RLA | - | |
| EAT (db/wb) | - | |
| LAT (db/wb) | - | |
| Coil Delta T | - | |
| Inlet SP | - | |
| Discharge SP | - | |
| Coil Delta SP | - | |
| High Limit Temp Cut-off SetPt | - | |
| Inlet Temp SetPt | - | |
| Discharge Temp SetPt | - | |
| Temp Rise SetPt | - | |
| Airflow Switch SP | - | |
| Airflow Switch CTRL Voltage | - | |
| Space Temp SetPt-ON | - | |
| Space Temp SetPt-OFF | - | |

| Performance Data | | |
|-------------------------|--------|--------|
| | Design | Actual |
| Return Duct SP | - | |
| MA Plenum SP | - | |
| Fan Suction SP | - | |
| Fan Discharge SP | - | |
| Supply Duct SP | - | |
| Total ESP | - | |
| Fan Total SP | - | |
| Pre-Filter P.D. | - | |
| Final Filters P.D. | - | |
| Cooling Coil P.D. | - | |
| CHW Coil P.D. | - | |
| PreHeat Coil P.D. | - | |
| HW Coil P.D. | - | |
| Steam Coil P.D. | - | |
| Heat Wheel (Exh) P.D. | - | |
| Heat Wheel (Sup) P.D. | - | |
| OA Temp (db/wb) | - | |
| RA Temp (db/wb) | - | |
| MA Temp (db/wb) | - | |
| SA Temp (db/wb) | - | |
| HW Coil Delta T | - | |
| CW Coil Delta T | - | |
| Coil Delta T | - | |
| Heat Wheel(Exh) Delta T | - | |
| Heat Wheel(Sup) Delta T | - | |

| General | | |
|---------------------------------|--------|--------|
| | Design | Actual |
| Unit free of Damage | - | |
| Unit Completely Assembled | - | |
| Unit Leveled | - | |
| Curb & Unit Installed Air Tight | - | |
| Controls Complete | - | |
| Fan Rotation Correct | - | |
| Fan Belt Condition | - | |
| Unit Filters Clean | - | |
| Evap Coil Clean | - | |
| Evap Coil Free of Frost | - | |
| Condensor Coil Clean | - | |
| Condensor Fins Straight | - | |
| Refr Sight Glass Dry | - | |
| Condensate Drain Installed | - | |
| Crankcase Heaters Operate | - | |

| Compressors | | |
|-------------------------|--------|--------|
| | Design | Actual |
| Refrigerant Charge | - | |
| Refrigerant Type | - | |
| Comp 1 RLA | - | |
| Comp 2 RLA | - | |
| Comp 1 Suction Pres | - | |
| Comp 2 Suction Pres | - | |
| Comp 1 Discharge Pres | - | |
| Comp 2 Discharge Pres | - | |
| Circuit 1 Superheat | - | |
| Circuit 2 Superheat | - | |
| Comp 1 Liquid Line Temp | - | |
| Comp 2 Liquid Line Temp | - | |
| Circuit 1 SubCooling | - | |
| Circuit 2 SubCooling | - | |

| Electrical | | |
|--------------------------------------|---------------|---------------|
| | Design | Actual |
| Evap Fan Overload size/setpt | - | |
| Cond Fan Overload size/setpt | - | |
| VFD Phase Voltage (line) | - | |
| VFD Min Setpt | - | |
| VFD Max Setpt | - | |
| Phase Brownout Dial Setpt (v) | - | |
| Phase Brownout Volt Variance | - | |
| Control Voltage (v) | - | |
| System Fused (y/n) | - | |
| Fuse Size (amps) | - | |
| Freeze Stat Setpt | - | |
| Compressor Lockout Setpt | - | |

| Combustion Fan Motor Data | | |
|----------------------------------|---------------|---------------|
| | Design | Actual |
| Voltage | - | |
| Amperage | - | |

| Combustion Gas Duct | | |
|-----------------------------------|---------------|---------------|
| | Design | Actual |
| Duct Type | - | |
| Gauge & Material | - | |
| Size | - | |
| Min Rise:Run | - | |
| Room properly ventilated | - | |
| Space pres condition | - | |
| Flue backdrafts eliminated | - | |
| Flue Terminates Properly | - | |