

Request For Proposals

For:

Klickitat County 2024-26 Facility
HVAC Maintenance.



KLICKITAT COUNTY PUBLIC WORKS DEPARTMENT

TABLE OF CONTENTS

PAGE

SECTION 1 GENERAL INFORMATION

1.0 Project Background	3
1.1 Scope of RFP	3
1.2 Service Provider Responsibilities	4
1.3 Payment Schedule	4
1.4 Americans with Disabilities Act (ADA) Information	5
1.5 Title VI Statement	5

SECTION 2 PROPOSAL INSTRUCTIONS

2.0 Proposal Information	5
2.1 Closing Date for Submittal of Proposal	5
2.2 Proposal Acceptance	6
2.3 Right of Award or Rejection	6
2.4 Incurring Costs	6
2.5 Inquiries	6
2.6 Technical Proposal Format	6

SECTION 3 PROPOSAL EVALUATION

3.0 Evaluation Information	7
3.1 Technical Proposal Evaluation Factors	7
3.2 Selection	8
3.3 Pre-Agreement Clarification	8
3.4 Agreement Execution	8

SECTION 1 GENERAL INFORMATION

1.0 Project Background

Klickitat County intends to set up a Facility HVAC Service agreement, negotiated monthly reimbursement per facility. This agreement for HVAC Services shall be with companies that specialize in facility maintenance. The Contractor must have a strong ability to provide complete HVAC servicing to all equipment listed in the Specification Breakdown provided by Klickitat County.

The Agreement shall be a two-year contract beginning July 1, 2024 through June 30, 2026.

1.1 Scope of RFP

The Scope of Work included in this RFP shall include service for the equipment listed in the Specification Breakdown provided by Klickitat County:

- A) Manufacturers required maintenance for all HVAC equipment at the Courthouse at 205 S. Columbus Ave., Goldendale, WA 98620. Specifications pages 1-8 in Appendix A.
- B) Manufacturers required maintenance for all HVAC equipment at the Klickitat County Jail, 205 S. Columbus Ave., Goldendale, WA 98620. Specifications Pages 8-11 in Appendix A.
- C) Manufacturers required maintenance for Pneumatic systems and boiler systems at the Klickitat County Courthouse and Jail, 205 S. Columbus Ave., Goldendale, WA 98620. Specifications pages 11-13 in Appendix A.
- D) Manufacturers required maintenance for all HVAC equipment at the Services Building, 115 West Court Street, Goldendale, WA 98620. Specifications pages 13-24 in Appendix A.
- E) Manufacturers required maintenance for Pneumatic systems and boiler systems at the Service Building, 115 West Court Street, Goldendale, WA 98620. Specifications pages 21-22 in Appendix A.
- F) Manufacturers required maintenance for all HVAC equipment at Annex 4, 115 South Golden Street, Goldendale, WA 98620. Specifications pages 25-26 in Appendix A.
- G) Manufacturers required maintenance for all HVAC equipment at the Klickitat County Fairgrounds, 903 Fairgrounds Road, Goldendale, WA 98620. Specifications page 26 in Appendix A.

- H) Manufacturers required maintenance for all HVAC equipment at the Dallesport Community Center, 136 6th Ave., Dallesport, WA 98617. Specifications page 27 in Appendix A.
- I) Manufacturers required maintenance for all HVAC equipment at the Dallesport Waste Water Treatment Plant, 440 Dock Road, Dallesport, WA 98617. Specifications pages 27-28 in Appendix A.
- J) Manufacturers required maintenance for all HVAC equipment at the Goldendale Road Shop, 1181 West Broadway, Goldendale, WA 98620. Specifications page 28 in Appendix A.
- K) Manufacturers required maintenance for all HVAC equipment at the Pioneer Center, 501 NE Washington Street, White Salmon, WA 98672. Specifications pages 28-36 in Appendix A.
- L) Manufacturers required maintenance for all HVAC equipment at the Dispatch Center, 199 Industrial Way, Goldendale, WA 98620. Specifications page 36 in Appendix A.
- M) The Contractor shall provide an annual report evaluating the life expectancy of our equipment at all locations listed in the Equipment Specifications pages. Contractor shall produce a spread sheet with this information and submit to Klickitat County no later than May 1st of each year.
- N) Contractor shall provide hourly labor rate for all non-scheduled and/or non-emergency equipment repairs or replacement.
- O) Billings shall be done monthly for items A through K.

1.2 Service Provider's Responsibilities

The selected Contractor will be required to assume responsibility for all services outlined in the proposal whether the Contractor or his representative produces them. The Contractor's person-in-charge of the project must have the experience necessary to complete the tasks outlined above.

1.3 Payment Schedule

Payment for any agreement entered into as a result of this RFP will be made monthly upon receipt of the contractor's billing statement. The billing statement must include a summary of progress made through the date of billing and the facility the work was performed in.

1.4 Americans with Disabilities Act (ADA) Information

The County of Klickitat, in accordance with Section 504 of the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability, in all of its programs and activities. This material can be made available in an alternate format by emailing Rick Milliren at rickm@klickitatcounty.org or by calling 509-773-4616.

1.5 Title VI Statement

The County of Klickitat, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color or national origin in consideration for an award.

SECTION 2 PROPOSAL INSTRUCTIONS

2.0 Proposal Information

A. The Contractor must submit a definite and specific proposal for the end results that are set forth in the RFP. The proposal shall include a scope of work that describes the deliverables including an approximate schedule for each of the individual items described in Section 1.1 of this RFP. The proposal must describe the qualifications of the Contractor, the intended performance of the Contractor on the activities prescribed, and the resources required to perform the activities. The selected Contractor must demonstrate experience in all the items listed under Section 1.1 above and the following items:

- Years of experience in providing HVAC Service for large facilities.
- Demonstrate experience with the equipment listed in Specification Breakdown provided by Klickitat County.

B. All parts of the proposal shall be in a sealed envelope plainly marked "Facility HVAC Maintenance RFP", and show the name and address of the Contractor.

2.1 Closing Date for Submittal of Proposals

Four copies of the proposal must be received no later than 10:00 a.m. June 5, 2024 at which time proposals will be opened and evaluated by the County.

Sealed proposals will be received by:

Rick Milliren Deputy Director of Facilities
Klickitat County Public Works Department
115 West Court Street, Room 302
Goldendale, WA 98620
Email: rickm@klickitatcounty.org
Fax: (509) 773-5713

2.2 Proposal Acceptance

The successful Contractor will be expected to enter into an Agreement specifying payment on a monthly basis, and mark up percentages, not to exceed a fixed amount. This monthly rate shall include required maintenance for equipment listed in the Specification Breakdown provided by Klickitat County.

2.3 Right of Award or Rejection

Proposals shall specifically stipulate that all terms and conditions contained in the RFP are included in the proposal and accepted by the Contractor. It is understood that all proposals will become a part of the public file on this matter without obligation to the County. The County may reject any proposal not in compliance with prescribed solicitation procedures and requirements and other applicable laws, and the County may reject for good cause any or all proposals upon the County's finding that it is in the public interest to do so.

2.4 Incurring Costs

The County is not liable for any costs incurred by prospective Contractors in the preparation or presentation of proposals.

2.5 Inquiries

Questions that arise during preparation of the proposal will be handled by Rick Milliren at the Klickitat County Public Works Department and will be accepted by either email or fax. See Section 2.1 for contact information. The proposal shall list a responsible person, with phone number, for contact if necessary during the proposal review process.

2.6 Technical Proposal Format

Four copies of the proposal shall be submitted to the County. Proposals must not exceed 8 pages. One page is defined as one side of a single 8-1/2" x 11" page, with 12-point minimum font size for the substantive text. Proposals must include, at a minimum, the following items:

- A. The name of the person(s) authorized to represent the Contractor in any negotiations and to sign any Agreement that may result.
- B. A statement that the proposal recognizes and includes all terms and conditions of the RFP.
- C. Signature of an authorized representative empowered to bind the Contractor.

SECTION 3 PROPOSAL EVALUATION

3.0 Evaluation Information

- A. The County will select the Contractor whose proposal is deemed most advantageous to the public. The County may enter into discussions with the top ranked proposers to get a best and final offer, and in those discussions, the County may not disclose information derived from proposals submitted by competing proposers.
- B. Proposals received will be evaluated by a panel of employees of the Klickitat County Public Works Department.
- C. The County may cancel this procurement or reject any and all proposals in accordance with procurement laws.

3.1 Technical Proposal Evaluation Factors

Evaluation of the proposal will be based, in part, on the following criteria:

- A. Description of the Contractor's firm, including organization, and type and scope of services provided. **10 Points**
- B. The names of the key professional persons who will perform the work, and their qualifications. **20 Points**
- C. General knowledge and experience with Facility HVAC Maintenance. **15 Points**
- D. Experience and ability working with public agencies. **10 Points**
- E. A statement of experience with similar types of work, including specific examples of similar projects successfully completed. Projects should be similar both in type and size. **20 Points**

- F. Monthly service rates for each of the facilities listed in 1.1 Scope of work. Rates to include manufacturers recommended service of equipment listed in the Specifications Breakdown Provided by Klickitat County. **20 Points**
- G. General appearance of the proposal and conformity to the above proposal instructions. **10 Points**

By submitting a proposal, the respondent to this RFQ authorizes past clients to supply information requested by Klickitat County within the scope of this Request for Qualifications.

3.2 Selection

A final selection will be made by the evaluating panel following review and ranking of the proposals. Said selection is not binding until agreement execution.

3.3 Pre-Agreement Clarification

The apparent selected Contractor will be required to review its proposal with the County. The County reserves the right to require any clarifications or alterations it deems necessary in the Contractor's work plan, assignment of resources, or the project cost to clarify the Contractor's approach to the scope of work and the County's needs and expectations. This review and any changes will be made prior to agreement execution and will become part of the final agreement.

3.4 Agreement Execution

The County intends to enter into a Service Agreement for all of the tasks described in the proposal.

The selected firm will be contracted by Klickitat County for a two-year term beginning July 1, 2022 and ending June 30, 2024. Individual tasks will be negotiated as stand-alone task assignments terminating when the task budget is exhausted or the task time frame has expired.

Within seven (7) days of agreement on the negotiated cost, the Contractor will be required to execute an agreement and meet all terms, including insurance requirements, and "hold harmless" provisions contained therein.

* * * * *

APPENDIX "A" 2022

A.) COURTHOUSE VENTILATION INFORMATION

1. UNIT # 1 EAST DISTRICT COURT

MANUFACTURER CARRIER
MODEL #: 48FCEM07A2A5A2U0A0 SERIAL #: 4822C10279
208/230 V.A.C. 3 PH. 60 HZ COMPRESSOR RLA 17.5 LRA 136
CONDENSER FAN MOTOR: 208/230 VAC 1PH. 60 HZ FLA 1.5
INDOOR BLOWER MOTOR: 208/230 V.A.C. 3 PH. 60 HZ. FLA 4.5
COMBUSTION: 208/230 V.A.C. 1 PH. 60 HZ. FLA 0.48
ACCESSORY EXHAUST: 208/230 V.A.C. 1 PH. 60 HZ. FLA 1.9
MINIMUM CIRCUIT PROTECTION 28 AMPS.
MAXIMUM CIRCUIT PROTECTION 45 AMPS HACR
R-410A 10.2 LBS, TEST PRESSURES HIGH 650 PSI, LOW 450 PSI.
RATED HEATING INPUT 110,000 BTU/HR, OUTPUT 88,000 BTU/HR
EFFICIENCY 80%
MANIFOLD PRESSURE NAT. 3.5" W.C., 0.87 KFA.
SUPPLY PRESSURES, NAT. 13" W.C., 3.24 KFA.
FILTERS: 4 - 16 X 16 X 2
70,000 BTU/HR
6 TON

2. UNIT #2 JUVENILE OFFICES.

MANUFACTURER CARRIER
MODEL #: 48FCEM07A2A5A2U0A0, SERIAL #: 0422C09630
ALL OTHER INFORMATION/SPECIFICATIONS ARE THE SAME AS UNIT #1.

3. UNIT #3 ASSESSOR'S OFFICES

MANUFACTURER CARRIER
MODEL #: 48FCEM07A2A5A2U0A0, SERIAL #: 0422C09631
ALL OTHER INFORMATION/SPECIFICATIONS ARE THE SAME AS UNIT #1.

4. UNIT #4 (SUPERIOR COURT OFFICES)

MANUFACTURER CARRIER
MODEL #: 48FCEM07A2A5A2U0A0, SERIAL #: 0422C09632
ALL OTHER INFORMATION/SPECIFICATIONS ARE THE SAME AS UNIT #1.

5. UNIT #5 CLERK'S OFFICES

MANUFACTURER CARRIER
MODEL #: 48FCEM07A2A5A2U0A0, SERIAL #: 2822C09191
ALL OTHER INFORMATION/SPECIFICATIONS ARE THE SAME AS UNIT #1.

6. UNIT #6 CONFERENCE/BREAK ROOM PACKAGED UNIT

INSTALLED AT ANNEX 1 IN 2018
REINSTALLED AT COURTHOUSE IN 2022
MANUFACTURER: TRANE
MODEL #: YSC060G3EHA01, SERIAL #: 172411080L
DX COOLING, GAS HEAT
2000 CFM

LOW LEAK ECON-COMP ENTHALPY 100%/BR 3P

208-230/60/3

5 TON

4.4lb HFC-410A REFRIG CHARGE

Installed 8/2017 at Annex 1

Installed 4/2022 at Courthouse

7. UNIT #7 TREASURERS OFFICE

MANUFACTURER; RUUD, MODEL #: UKKA A048JK13E

SERIAL #: 2A5638ADAAF410011996

CHARGE R-22

208/230 V.A.C. 1 PH. 60 HZ.

FILTERS: 2-16 X 25 X 1

GAS VALVE: WHITE ROGERS 36E23-202 (RUUD #60-24290-01)

INDOOR BLOWER MOTOR #CPN51-23679-01

RUN CAPACITOR #43-20847-12

8. UNIT #8 AUDITORS OFFICES

MANUFACTURER CARRIER

MODEL #: 48LCE009A2A5A1NOAO, SERIAL #: 0224P06162

ALL OTHER INFORMATION/SPECIFICATIONS ARE THE SAME AS UNIT #1.

9. UNIT #9 SUPERIOR COURT ROOM

MANUFACTURER CARRIER

MODEL #: 48FCEM07A2A5A2U0A0, SERIAL #: 4822C10238

ALL OTHER INFORMATION/SPECIFICATIONS ARE THE SAME AS UNIT #1.

10. SHERIFF'S DEPT. Roof Top 5 Ton Unit Heating & Cooling

Installed by Divco 2019

11. PROSECUTING ATTORNEY'S OFFICE HEAT PUMP

THIS UNIT TO BE REPLACED WITH SAME UNIT AS #1 IN FALL OF 2024

MODEL#: 48GCEJ04A2A5A2U0A0 SERIAL# 1524C06020

MANUFACTURER; CARRIER

OUTDOOR UNIT LOCATED UNDER FIRE ESCAPE STAIRWELL N/W CORNER .

MODEL #: 38YGO36500, SERIAL #: 5189E29479

208/230 V.A.C. 3 PH. 60 HZ.

COMPRESSOR R.L.A. 12.4 AMPS, L.R.A. 79.5 AMPS

CHARGE R22 6.77 POUNDS.

INDOOR UNIT LOCATED ABOVE FALSE CEILING IN RECEPTION AREA.

FILTER; 1 14 X 20 X 1

MODEL #: 40AQ03631OBO, SERIAL #: 0590A07652

½ H.P.

12. BOILER INFORMATION

SMITH SECTIONAL CAST IRON BOILERS

SERIES 28A, NATURAL GAS

BOILER #1

MFR. SERIAL #: 28A-5-050213

STATE #08296-05W

BURNER
POWERFLAME
MODEL #: NPM50-15-120, SERIAL #080504102
JOB ORDER #JO26989
BOILER #2
MFR. SERIAL #28A-5-050514
STATE #08332-05W

BURNERS
POWERFLAME
MODEL #: NPM50-15-120, SERIAL #080504103
JOB ORDER #JO26989

IGNITION MODULE: HONEYWELL #RM7896A 1012
FLAME RECTIFIER: HONEYWELL R7847A 1033
PURGE CARD: HONEYWELL ST7800A 1062
GAS REGULATOR: MAXITROL 210D 1 1/2

RELIEF VALVE: CONBRACO INDUSTRIES
MODEL #: 13-213-08
1 1/4", SET AT 15 P.S.I.G. 1200 LBS/HR

13. EXHAUST FAN FOR GROUND FLOOR EXHAUST VENT (LOCATED IN CEILING)
DAYTON 10" FURNACE DUCT FAN
MODEL #: 2C222A SERIAL #15211
H.P. 1/100 R.P.M. 1550 120 V.A.C. 60 HZ K87L
14. DUCT HEATER (LOCATED IN CEILING OF COMMISSIONERS OFFICE)
MANUFACTURER, LENNOX. PART #: A-661434, MODEL #: ED7-816-2-2C
240 V.A.C. 60 HZ. 1 PH. CONTROL CIRCUIT 24 V.A.C @ 4VA
KW. 2, AMPS. 8.3 **REMOVED AND PLACED IN BASEMENT STORAGE AS SURPLUS
ON 05/09/02 BY R.L. ROE.
15. BASEMENT COMPUTER/TELEPHONE ROOM
MITSUBISHI MR. SLIM
INDOOR BLOWER UNIT AND EVAPORATOR
MODEL #: PK12EK, SERIAL #63G000386B
115 V.A.C. 1 PH. 60 HZ, MAX. 127 MIN. 103 V.A.C. F.L.A. .7, WATTS (OUTPUT) 40
R-22 DESIGN PRESSURE 185 P.S.I.G.

OUTDOOR CONDENSING UNIT
MODEL #: PUK12EK, SERIAL #63D00057B
208/230 V.A.C. 1 PH. 60 HZ. VOLTAGE MAX. 253, MIN. 198
CIRCUIT BREAKER HACR/FUSE TIME DELAY MAX. 15 AMPS, MIN 11 AMPS.
COMPRESSOR: 208/230 V.A.C. 1 PH. 60 HZ. R.L.A. 8.9 AMPS. L.R.A. 29 AMPS
FAN MOTOR: 208/230 V.A.C. 1 PH. 60 HZ. F.L.A. .65 AMPS WATTS (OUTPUT) 65
CRANKCASE HEATER: 208/230 V.A.C. AMPS. .11/.12
R-22 CHARGE, 4 LBS. 14 OUNCES IF OVER 100 FEET OF LINE SET ADD .7 OUNCES PER
5 FEET.
DESIGN PRESSURES: HIGH 400 P.S.I.G., LOW 185 P.S.I.G.

16. COMPRESSED AIR DRYER

MFR. HANKINSON

MODEL #: 8010, SERIAL # 0302A-46-76-113

RATED CAPACITY 10 S.C.F.M. @100 P.S.I.G. & 100 DEGREES INLET
MAXIMUM WORKING PRESSURE, 175 P.S.I.G.

COMPRESSOR H.P. 1/6, 115 V.A.C. 60 HZ. 1PH. MIN. 90, MAX 110

F.L.A. 3.3 AMPS, L.R.A. 18.5 AMPS.

6.5 OUNCES OF R-12, SUCTION PRESSURE 34 P.S.I.G.

AUTOMATIC DRAIN, #03.7083-04

P.R.V. STATION WITH FILTER, HONEYWELL #PP902A

BOWL PART #14003428-001

UPPER BODY #14000234-001

FILTER CARTRIDGE #14003121-002

NEW P.R.V. STATION; HONEYWELL #PP902D1007

FILTER CARTDRIDGE #14004203-001

17. UNIT HEATERS

MFR. BURKO

MODEL #: HUHAA524 (5 KW)

240 V.A.C.

INSTALLED IN THE FOLLOWING LOCATIONS:

WOOD ROOM, POWER SUPPLIED BY BREAKERS 16-18 PANEL #3.

VOTING ROOM, POWER SUPPLIED BY BREAKERS 40-42 PANEL #3.

DEPUTIES ROOM, POWER SUPPLIED BY BREAKERS 12-14 PANEL #3. UNIT HEATER

18. MFR. BURKO

MODEL #: HUHAA1024 (7.5KW)

240 V.A.C. INSTALLED IN THE EVIDENCE ROOM, BREAKERS 8-10 PANEL #3.

19. A/C UNIT FOR NEW SERVER/WORK ROOM IN BASEMENT.

INSTALLED ON 05/10/06 BY FLOYDE FROM MID COLUMBIA HEATING AND
REFRIGERATION.

MITSUBISHI MR. SLIM

INDOOR UNIT: MODEL #: MS-A12WA, SERIAL #6001285

OUTDOOR UNIT: MODEL #: MU-A12WA, SERIAL #6000063

BOTH UNITS 115 V.A.C. AND R410A REFRIGERANT.

20. A/C UNIT FOR ELEVATOR MACHINERY ROOM

MITSUBISHI MR. SLIM

INDOOR UNIT MODEL #: MS-A12WA, SERIAL #

OUTDOOR UNIT MODEL #: MU-A12WA, SERIAL #

21. PORTABLE A/C UNIT.

MANUFACTURER: MOVINCOOL

MODEL #: OFFICE PRO 18, SERIAL #03080495180

PART #GX484000-3710

R410A

16,800 BTUH

115 VAC 1 PH. 60HZ 15.6 AMPS.

22. ADULT PROBATION OFFICES INSTALLED 06/09/09

INDOOR UNIT

CARRIER PRODUCT #: FV4BNF003T00AAAA

MODEL #: FV4BNF003, SERIAL #1809A88766

DATE OF MANUFACTURE: MAY 2009

208/230 V.A.C. 1 PH. 60 HZ.

MOTOR H.P. ½

MOTOR FLA: 4.3 AMPS

MINIMUM AMPACITY: 5.4

MAXIMUM OVER CURRENT: 15

INDOOR SUPPLY LOUVERS: VARIABLE VOLUME DIFFUSER, THERMALLY
ACTIVATED DIFFUSER #T3SQ-4.

HEATING UNIT:

TEST STATIC .50 INCHES W.C.

R410A DESIGN PRESSURE: 450 P.S.I.

METERING DEVICE: TXU

OUTDOOR UNIT

CARRIER PRODUCT #25HCB336A0050010

MODEL #: 25HCB336A500, SERIAL #2109E17848

208/230 3PH 60 HZ MAX VOLTS: 253, MINIMUM VOLTS: 197

COMPRESSOR: RLA, 11.5 AMPS LRA, 73

FAN MOTOR: 208/230 VAC, 1 PH. 60 HZ, 1/8 H.P. .9 FLA

MAX FUSE HACR 25 AMPS, MIN. 15.3

R410A, FACTORY CHARGE: 7.15 LBS. DESIGN TEST PRESSURE: HI. 450 LOW. 250

MAX DESIGN WORKING PRESSURE; 700 PSIG

INDOOR TXV SUBCOOLING: 10 DEGREES

23. UNIT HEATER UH-1

LOCATED IN BOILER ROOM

MFR: TRANE

MODEL #: UHSA060S8AAAC

TYPE: 136-105-01

SERIAL #: D83C00778

24. UNIT HEATER UH-2

MFR: MODINE

25. BARBER COLEMAN PNEUMATIC CONTROLS

INCLUDING A VARIETY OF PNEUMATIC CONTROL COMPONENTS INCLUDING:
RECEIVER CONTROLLERS.

WATER AND AIR TEMPERATURE TRANSMITTERS.

POSITIONING RELAYS

ACTUATORS FOR VALVES.

26. CONTROL AIR COMPRESSOR

GAST

MODEL #: 5HCD-43-M550X

CAT. #2Z870C

SERIAL #: 0803225769

TANK CAPACITY: 20 GAL.

27. SHERIFF'S BASEMENT DEPUTIES ROOM VENTILATION

MANUFACTURER: MITSUBISHI

INDOOR UNITS: MAIN OFFICE: MODEL #: MSZGE12NA, SERIAL #: 0009066T

SOUTHEAST OFFICE: MODEL #: MSZGE12NA, SERIAL #: 0009030T

NORTHEAST OFFICE: MODEL #: MSZGE12NA, SERIAL #: 0009029T

OUTDOOR UNIT: MODEL #: MXZ-B36NA, SERIAL #: 01901821D

ENERGY RECOVERY VENTILATOR (ECONOMIZER) MODEL #: LGH-F300RX3-E

SERIAL #: 00000592

208/230 V.A.C. 1 PH. 60 HZ

SUPPLY MOTOR: .21A

EXHAUST MOTOR: .21A

PUMP INFORMATION

1. BOILER MAKE UP FEED TANK AND PUMPS

MANUFACTURER: HOFFMAN SPECIALTY

I.T.T. FLUID HANDLING DIVISION

MODEL #: 50VBF, SERIAL #: 7609

TANK/RECEIVER PART # 713-02010-10 18 7/8 D X 36 H (50 GAL)

GAUGE GLASS 29 5/16"

PUMP AND MOTOR ASSEMBLY PART #718-71250-00 (B & G #180001)

SEAL KIT PART #718-71267-00

RELAY FOR THE PUMP CONTROLS: RELAY-ALLEN BRADLEY #700-HA32A1 SER. D 120

V.A.C. COIL AND 10 AMP CONTACTS.

BASE IS MAGNECRAFT #70-464-1, 10 AMPS 300V.

2. CONDENSATE RECOVERY UNIT

DOMESTIC VENTED CONDENSATE UNITS

TYPE 10VLRS2-20-17

SERIAL #: CH804

GPM. 13 P.S.I. 20

PUMP 651 HG. 5.5"

DIAGS. B28-7299-2

VOLTS 208.

ITT DOMESTIC PUMP

SHIPPENBERG, PA.

28. BASEMENT EVIDENCE ROOM

MITSUBISHI SPLIT UNIT 2 TON

B.) JAIL VENTILATION INFORMATION

1. DISPATCH HEAT PUMP.

MANUFACTURER: TRANE

MODEL #: WCC018F100BC, SERIAL #: M071PDP2H MFG. 2/97

THERMOSTAT: HONEYWELL T874D 1165, SUB BASE Q674F 1022

FILTER: 20 X 20 X 1

2. CONTROL ROOM HEAT PUMP

MITSUBISHI SPLIT UNIT

INDOOR UNIT MODEL #: PKH24FL, SERIAL #: 43A00015B
208/230 V.A.C. 1 PH. 60HZ.
OUTDOOR UNIT
MODEL #: PUH24EK1, SERIAL #: 4XU00197A
208/230 V.A.C. 1 PH. 60HZ.
INSTALLED BY DIVCO ON 10/05/05

3. CONTROL EQUIPMENT HEAT PUMP

CARRIER MINI-SPLIT UNIT
INDOOR UNIT MODEL #: 40MAQB18B-3, SERIAL #: 3820V10792
208/230 V.A.C. 1 PH. 60HZ.
OUTDOOR UNIT
MODEL #: 48FCEM07A2A5A2UOAO, SERIAL #: 0422C09630
208/230 V.A.C. 1 PH. 60HZ.
INSTALLED BY ALL SEASONS ON 6/7/21

3. DISPATCH ELECTRICAL ROOM A/C AND HEATING UNIT.

MANUFACTURER: LIEBERT CORPORATION
1050 DEARBORN DR. COLUMBUS OHIO 43229
PHONE # (614) 888-0246 1-(800)-543-2778
DATAMATE
INDOOR EVAPORATOR UNIT LOCATED INSIDE ELECTRICAL ROOM ON NORTH WALL
MODEL #: DME020E-P SERIAL #: D06630
208/230 V.A.C. 1 PH. 60 HZ.
CONDENSATE PUMP ASSEMBLY PART #132477G1, PRICE \$410.
HUMIDIFIER CANISTER PART #1D16378P42, PRICE \$130.00
OUTDOOR CONDENSER UNIT, LOCATED ON ROOF TOP OF JAIL.
MODEL #: PFC020A-PLO, SERIAL #: D056239
208/230 V.A.C. 1 PH. 60 HZ.

4. CHILLER UNIT, LOCATED ON JAIL ROOF TOP

MANUFACTURER: CARRIER AC1 W/ BACNET COMMUNICATION
MODEL #: 30RAP040 SERIAL #J83D71133
CHARGE R-410 44 POUNDS, UNIT WEIGHT 2,185 POUNDS
200 V.A.C. 3 PH. 60 HZ. VOLTAGE RANGE 180-220, MIN. CIRCUIT AMPS. 179
MAXIMUM DUAL FUSE SIZE 175
COMPRESSORS (SCROLL) x 2 200 V.A.C. 3 PH. 60 HZ. RLA 72, LRA 394
TEMPERATURE CONTROLLER #CNT05077
CHILLER GLYCOL CAPACITY: PIPE 3" CHILLER BARREL: 35 GALLONS

5. AHU-1 CLIMATE CHANGER (BLOW THRU) LOCATED INSIDE PENTHOUSE

MANUFACTURER: TRANE COMPANY LACROSSE, WISCONSIN 54681
MODEL #: CCB14AEGC0, BASIC UNIT, K3LA0L0DAL0000L
COILS: 00K4A2EJ3A2B
SERIAL #: V83D33893
COIL MAXIMUM PRESSURE: 200 PSIG
FAN MOTOR: 200 V.A.C 3PH. 60 HZ. H.P. 7.5 AMPS 25
FILTERS: 6 - 16 X 25 X 2 AND 2 20 X 25 X 2.
COOLING COIL PNEUMATIC OPERATED VALVE
BARBER COLEMAN/SIEBE-VK9313-602-4-10, 3 WAY 1 1/2" 33CV, 44 G.P.MK. W/MK6811
ACTUATOR. REPLACEMENT VALVE IS VK7313-602-4-10, PACKING KIT IS YB635.

CW PIPING: 32 FEET OF 2 1/2"

6. RAF-1 RETURN AIR FAN UNIT, LOCATED INSIDE PENTHOUSE
MANUFACTURER: CARNES CORPORATION VERONA, WISCONSIN
MODEL #: VIBAT7 18 SERIAL #48254-01=20-1
MOTOR, #: 564/3289

7. AHU-2, LOCATED ON JAIL ROOF SOUTH OF CHILLER
HEAT RECLAIM UNIT
MANUFACTURER: GREENHECK
MODEL #: ERCH-90-30L-CW-HW-01
208 V.A.C. 3 PH. 60 HZ.
EXHAUST FAN CFM: 6,785 H.P. 7-1/2 SUPPLY FAN CFM: 7,725 H.P. 7-1/2
FILTERS- 8 - 20 X 20 X 2 AND 8- 20 X 20 X 2
CW PIPING: 40 FEET OF 2" PIPE.

8. AHU-3 CLIMATE CHANGER (BLOW THRU) LOCATED INSIDE PENTHOUSE
MANUFACTURE: TRANE COMPANY
MODEL #: CCDB03APLC, BASIC UNIT #H3A1R01RRAF
SERIAL #: U83D33894
PRIMARY COILS: #100G582B100E0A4C
MAXIMUM PRESSURE 1ST COIL 225 PSIG, 2ND COIL 200 PSIG
FAN MOTOR: 200 V.A.C. 3 PH. 60 HZ. HP. 1 AMPS 4.3
FILTERS: 2 - 6 X 25 X 2

CW PIPING: 35 FEET OF 1 1/4 " PIPING.

9. CONTROL AIR COMPRESSOR
MANUFACTURE: QUINCY COMPRESSOR
3501 WISMAN LANE
QUINCY, ILL. 62305-3116
MODEL #: 108 CHANGE 29 SERIAL # 253419L
MOTOR STARTER: NEMA SIZE 00, CLASS 8536 TYPE S W/THERMAL OVERLOADS B4.85
MOTOR: GOULD CENTURY MOTOR, PART # 8-135819-02, CAT #H433
SERIAL #: 212, 200-208 V.A.C. 60 HZ. 3 PH. H.P. 3/4, RPM. 1725 CODE L
FRAME, HA56, TYPE SC AMPS, 3.3-3.2, ENCL. D.P. 40C AMBIENT,
CONTINUOUS DUTY, INS. CL. B, S.F. 1.25, FORM KHC

10. COMPRESSED AIR DRYER
MFR: HANKINSON
MODEL #: 8010
SERIAL #: 0302A-9207-3256N LR 40907
RATED CAPACITY: 10 S.C.F.M. @100 P.S.I. & 100 DEGREES INLET.
MAXIMUM WORKING PRESSURE: 175 P.S.I.G.
COMPRESSOR H.P. 1/6, 115 V.A.C., 60 HZ, MIN. 90 MAX. 110 V.A.C.
F.L.A. 2.9 AMPS, L.R.A. 18.5
MOTOR F.L.A. .5 WATTS 4
OVERALL UNIT F.L.A. 3.3 AMPS
MINIMUM/MAXIMUM AMBIENT TEMPERATURES 35 DEGREES, 110 DEGREES.
6.5 OUNCES OR R-12 REFRIGERANT, SUCTION PRESSURE 34 P.S.I.G.
AUTO DRAIN 03.7083-04

11. EF-1, DISHWASHER EXHAUST FAN
 PENN VENTILATION CO.
 MODEL #: WXO-94
 OLD MOTOR, G.E. MODEL #5KCP32CN12
 115 V. 1PH. 60 HZ, AMPS. 2.2, CODE D, FR. 48Z, R.P.M. 1625
 SER. AWD, INSUL. CLASS B, 50C.
 CAPACITOR, G.E. #Z 97F5704BX, 4UF, 370 V.A.C. 60 HZ 6X652B.
 NEW MOTOR, G.E. MODEL #: 5KCP39FGE211ES
 STOCK #3992
 120 V. 60 HZ. 1 P2.7 AMPS. CW/CCW, 1625 R.P.M., ¼ H.P.-
 CAPACITOR: G.E. 10 UF, 370 V. #6X656D
12. CIRCULATING PUMP AND MOTOR ASSEMBLY FOR JAIL VENTILATION HOT WATER LOOP.
 ORIGINAL BLUEPRINTS CALL FOR BELL AND GOSSETT PD35S PUMP ASSEMBLY.
 ACTUAL IN PLACE ARMSTRONG S55BF
 PUMP MODEL #: S55BF, SERIAL #: 8302 82 G.P.M.
 BEARING/SEAL ASSEMBLY MODEL #S55BF, SERIAL #8311.
 MOTOR; PART #: 116640-062
 MODEL #: YQN56B17D77H P FR. 56
 115/208/230 V.A.C. 1 PH. 60 HZ ½ H.P. 1725 R.P.M. AMB. 50C, INS. B
 DUTY, CONTINUOUS, F.L.A. 5.8/2.8-2.9, SF 1.5 SFA-7.6/3.7-3.8 CODE L
 DES THERMALLY PROTECTED 734410 121892 EMC-DP E6312
 PERMANENTLY SEALED BEARINGS.
 START CAPAICTOR: PHILIPS 3534B6A0340A115A2 A35406 340-408 MFD
 115 VAC 60 HZ. 3629211
 RUN CAPACITOR: YORK 4792 35 MFD @ 240 VAC 60 HZ.
 A-102060-6 8FS2A35A14
 MOTOR #2 (SPARE) MANUFACTURED BY MARATHON ELECTRIC
 MODEL #: NQB56617D956B W RPM 1725 H.P. ½
 50 DEGREES C AMBIENT, TYPE SCS CODE L
 FLA 8.4/4-4.2 AMPS INSULATION CLASS B SF 1.5 SF AMPS 10/5
 THERMALLY PROTECTED, SLEEVE BEARINGS
 SERIAL #: R19776AG-7
 START CAPACITOR: MEPCO/ELECTICA #3530B2A0270A110B1
 A-4207G-285 270-325 MFD
 110-115 VAC 60 HZ 3628306
13. CONVERTOR (HEAT EXCHANGER FOR VENTILATION HOT WATER LOOP)
 MANUFACTURER: ARMSTRONG PRODUCTS, S. A. ARMSTRONG LTD, TORONTO,
 CANADA
 MODEL/CAT#: WS-84-4-1 T.S.SA-53B 60,000
 SERIAL #: 64477 YEAR BUILT MARCH 1983 ,
 CRN: C4479. 512463708
 MAX ALLOWABLE WORKING PRESSURE: 150 P.S.I. @375 DEGREES
 T. SHELL .242 MAX W.P. SHELL 150 P.S.I.
 T.F.HEAD .250 MAX W.P. TUBES 150 P.S.I.
 T.R.HEAD .125 TEMP S.T. 375 DEGREES
 CODE VW-120

14. KEF-1

CARNES POWER ROOF VENTILATOR 53G1
MOTOR: GENERAL ELECTRIC
MODEL #:5K38SN56A
RPM: 1725 CODE H AMPS: 3.8 SF: 1.15
SER #: BWD STK #K317

15. PNEUMATIC CONTROL SYSTEM MANUFACTURED BY BARBER COLEMAN.
JAIL VENTILATION CONTROLS DESIGNED AND INSTALLED BY CARROL
MECHANICAL CONTRACTORS OF PORTLAND, OR.

DISPATCH ELECTRICAL ROOM.
ELECTRONIC EQUIPMENT OPERATING CONDITIONS AS PROVIDED BY CATHY
BEVANS.

TEMPERATURE: 32 TO 65 DEGREES F. RELATIVE HUMIDITY MAXIMUM OF 80%.

C.) COURTHOUSE AND JAIL PNEUMATIC AND BOILER SYSTEMS

AHU-1

V-1: VK4-9393-352-4-9 HOT DECK
3 WAY 1 1/4" VALVE 28 GPM, CV16, 3.1 P.S.I. DROP WITH MK4000 SERIES ACTUATOR AND
AK52309 POSITIVE POSITIONER.
LOCATED IN JAIL PENTHOUSE

V-2: VK4-9313-352-4-4 COLD DECK
3 WAY 1 1/2" 44 G.P.M VALVE, CV 33, 1.8 P.S.I. DROP WITH MK 6811 ACTUATOR AND AK52309
POSITIVE POSITIONER.
LOCATED IN JAIL PENTHOUSE

AHU-2

V-5: VK4-9313-602-4-10 HOT DECK
3 WAY 1 1/2" 38 G.P.M CV 33, WITH MK 4000 SERIES ACTUATOR AND AK-52309 POSITIVE
POSITIONER.
LOCATED INSIDE AHU-2 ENCLOSURE ON ROOF OF JAIL

V-6: VK4-9313-352-4-9
3 WAY 1 1/4" 34 G.P.M. CV 16, WITH MK-4000 SERIES ACTUATOR AND
AK-52309 POSITIVE POSITIONER
LOCATED INSIDE AHU-2 ENCLOSURE ON THE JAIL ROOF

AHU-3

V-3: VK4-9313-352-4-6 HOT DECK
3 WAY 3/4" 9.5 G.P.M CV 6.8 WITH MK 4711 ACTUATOR AND AK-52309 POSITIVE POSITIONER.
LOCATED IN JAIL PENTHOUSE

V-4: VK4-9313-352-4-4 COLD DECK
3 WAY 1 1/2" 5.4 G.P.M. CV 3.1 WITH MK-4711 ACTUATOR AND AK-52309 POSITIVE POSITIONER
LOCATED INSIDE THE JAIL PENTHOUSE

PNEUMATIC OPERATED HOT WATER AND CHILLED WATER VALVES

CONVECTION #1

V-7: VK4-9223-353-4-10 STEAM SUPPLY TO CONV-1
1 ½" VALVE WITH MK-4700 SERIES ACTUATOR AND AK-52309 POSITIVE POSITIONER.
LOCATED IN C.H. BOILER ROOM CEILING

V-8: VK4-9223-353-4-9 STEAM SUPPLY TO CONV-1
1 ¼" CV 16 VALVE WITH MK-4700 SERIES ACTUATOR AND AK51309 POSITIVE POSITIONER.
LOCATED IN C.H. BOILER ROOM CEILING

UNIT HEATERS

V-9: VK-9213-201-4-2 HW SUPPLY TO UH-1
1/2" 2 WAY CV 1.3 VALVE WITH MK2690 ACTUATOR
LOCATED IN C.H. BOILER ROOM

V-10: VK-9213-201-4-2 HW SUPPLY TO UH-2
½" 2 WAY CV 1.3 VALVE WITH MK-2690 ACTUATOR
LOCATED IN JAIL PENTHOUSE

POTABLE WATER SYSTEM

V-11: VK-2027-101-2-12 JAIL COLD WATER SUPPLY SECOND FLOOR
2 ½" 2 WAY CV 56 NORMALLY OPEN VALVE.
LOCATED IN PIPE CHASE OUTSIDE DISPATCH

V-12: VK-9213-351-4-10 JAIL HOT WATER SUPPLY TOP FLOOR
1 ½" 2 WAY CV 25 NORMALLY OPEN VALVE
LOCATED IN PIPE CHASE OUTSIDE DISPATCH

V-13: VK-9213-301-4-8 JAIL HOT WATER RETURN CIRC.
1" 2 WAY CV 11 NORMALLY OPEN VALVE
LOCATED IN PIPE CHASE OUTSIDE DISPATCH

D.) SERVICES BUILDING VENTILATION SYSTEM

1. DOAS-1
LOCATED ON ROOF WEST END
MANUFACTURER – AON DOAS
MODEL #RN-006-8-0-0U0J-EJN
SERIAL #202010-ANWF08265
START UP DATE 9/27/2021
208 VOLT, 3 PH, 60 HZ,
SUPPLY AIR MTR – 1 HP, 208 V, 3 PH, 1760 RPM, 4.6 FLA
POWER EXHAUST – 1 HP, 208 V, 3 PH, 1760 RPM, 4.6 FLA
HEAT WHEEL MTR – 0.08 HP, 208 V, 3 PH, 1550 RPM, 0.4 FLA
FILTERS: MERV13: (4) – 16X20X4
MERV 8: (4) – 16X20X2, (2) – 25X14X2
BELT: (1) A-48

2. DOAS-2
 LOCATED ON ROOF CENTER
 MANUFACTURER – AAON DOAS
 MODEL #RQ-006-8-V-0U0N-EJN
 SERIAL #202010-AYWF01113
 START UP DATE 9/27/2021
 208 VOLT, 3 PH, 60 HZ,
 SUPPLY AIR MTR – 2 HP, 208 V, 3 PH, 1760 RPM, 7.5 FLA
 POWER EXHAUST – 1 HP, 208 V, 3 PH, 1760 RPM, 4.6 FLA
 HEAT WHEEL MTR – 0.05 HP, 208 V, 3 PH, 825 RPM, 0.3 FLA
 FILTERS: MERV13: (2) – 20X20X4
 MERV 8: (2) – 20X20X2, (2) - 25X14X2
 BELT: (1) B-42

3. DOAS-3
 LOCATED ON ROOF EAST END
 MANUFACTURER – AAON DOAS
 MODEL #RN-006-8-0-0U0J-EJN
 SERIAL #202010-ANWF08266
 START UP DATE 9/27/2021
 208 VOLT, 3 PH, 60 HZ,
 SUPPLY AIR MTR – 2 HP, 208 V, 3 PH, 1760 RPM, 4.6 FLA
 POWER EXHAUST – 1 HP, 208 V, 3 PH, 1760 RPM, 4.6 FLA
 HEAT WHEEL MTR – 0.08 HP, 208 V, 3 PH, 1550 RPM, 0.4 FLA
 FILTERS: MERV13: (4) – 16X20X4
 MERV8: (4) – 16X20X2, (2) – 25X14X2
 BELT: (1) A-48

4. CU-1
 LOCATED ON CENTER ROOF
 MANUFACTURER – LENNOX
 OUTDOOR MODEL #3PB036S4S-1P
 OUTDOOR SERIAL #3408403020196290150315
 INDOOR MODEL #3WMB03654
 INDOOR SERIAL #34078256015951001702249
 START UP DATE 9/27/2021
 208/230 VOLT, 1 PH, 60 HZ,
 REFIGERANT R410A, 119.9oz
 DESIGN PRESSURE HIGH 550PSIG
 DESIGN PRESSURE LOW 340PSIG
 OUTDOOR FAN MOTOR LOAD 0.6A
 COMPRESSOR LOAD 17.0A

5. CU-2
 LOCATED ON CENTER ROOF
 MANUFACTURER – LENNOX
 OUTDOOR MODEL #3PB036S4S-1P
 OUTDOOR SERIAL #340C14020090C200120032
 INDOOR MODEL #3WMB03654
 INDOOR SERIAL #?

START UP DATE 9/27/2021
208/230 VOLT, 1 PH, 60 HZ,
REFIGERANT R410A, 38.8oz
DESIGN PRESSURE HIGH 550PSIG
DESIGN PRESSURE LOW 340PSIG
OUTDOOR FAN MOTOR LOAD 0.4A
COMPRESSOR LOAD 15.0A

6. CU-3
LOCATED ON CENTER ROOF
MANUFACTURER – LENNOX
OUTDOOR MODEL #MPB009S4S-1P
OUTDOOR SERIAL #3408403020196290150257
INDOOR MODEL #3WMB03654
INDOOR SERIAL #3407825601595100170249
START UP DATE 9/27/2021
208/230 VOLT, 1 PH, 60 HZ,
REFIGERANT R410A, 119.9oz
DESIGN PRESSURE HIGH 550PSIG
DESIGN PRESSURE LOW 340PSIG
OUTDOOR FAN MOTOR LOAD 0.6A
COMPRESSOR LOAD 17.0A

7. FC-1-1
LOCATED IN FIRST FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC30
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 1300
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: (2) – 20X24X2
BELT: (1) A-57

8. FC-1-2
LOCATED IN FIRST FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC40
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 948
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 28X24X2
BELT: (1) A-56

9. FC-1-3
LOCATED IN FIRST FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC20
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 2.0 HP
BLOWER RPM 1419
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 16X20X2
BELT: (1) A-39

10. FC-1-4
LOCATED IN FIRST FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC30
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 1233
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 20X24X2
BELT: (1) A-56

11. FC-1-5
LOCATED IN FIRST FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC40
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 5.0 HP
BLOWER RPM 1119
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 28X24X2
BELT: (1) A-56

12. FC-1-6
LOCATED IN FIRST FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC40
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 964
COOLING FLUID – WTR

HEATING FLUID – WTR
FILTERS: MERV8: 2 – 28X24X2
BELT: (1) A-56

13. FC-1-7
LOCATED IN FIRST FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC12
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.5 HP
BLOWER RPM 1683
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 14X14X2
BELT: (1) A-37

14. FC-1-8
LOCATED IN FIRST FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC08
SERIAL #
START UP DATE 9/27/2021
115-ECM
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 40X10X1
BELT: N/A

15. FC-2-1
LOCATED IN SECOND FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC30
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 1072
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 20X24X2
BELT: (1) A-57

16. FC-2-2
LOCATED IN SECOND FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC40
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,

MOTOR 3.0 HP
BLOWER RPM 985
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 28X24X2
BELT: (1) A-56

17. FC-2-3
LOCATED IN SECOND FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC12
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.0 HP
BLOWER RPM 1585
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 14X14X2
BELT: (1) A-37

18. FC-2-4
LOCATED IN SECOND FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC30
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 1253
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 20X24X2
BELT: (1) A-57

19. FC-2-5
LOCATED IN SECOND FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC20
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 2.0 HP
BLOWER RPM 1208
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 16X20X2
BELT: (1) A-39

20. FC-2-6
LOCATED IN SECOND FLOOR CEILING SPACE

MANUFACTURER – PRICE
MODEL #BHC30
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 5.0 HP
BLOWER RPM 1340
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 20X24X2
BELT: (1) A-57

21. FC-2-7
LOCATED IN SECOND FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC12
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.0 HP
BLOWER RPM 1568
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 16X20X2
BELT: (1) A-39

22. FC-2-8
LOCATED IN SECOND FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC20
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.5 HP
BLOWER RPM 1373
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 16X20X2
BELT: (1) A-36

23. FC-2-9
LOCATED IN SECOND FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC16
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.5 HP
BLOWER RPM 1280
COOLING FLUID – WTR
HEATING FLUID – WTR

FILTERS: MERV8: 2 – 16X20X2
BELT: (1) A-36

24. FC-3-1
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC12
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.5 HP
BLOWER RPM 1733
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 14X14X2
BELT: (1) A-39

25. FC-3-2
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC12
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.0 HP
BLOWER RPM 1543
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 14X14X2
BELT: (1) A-39

26. FC-3-3
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC08
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 0.75 HP
BLOWER RPM 1557
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 12X14X2
BELT: (1) A-39

27. FC-3-4
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC16
SERIAL #
START UP DATE 9/27/2021

208 VOLT, 3 PH,
MOTOR 1.0 HP
BLOWER RPM 1221
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 14X16X2
BELT: (1) A-37

28. FC-3-5
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC08
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 0.75 HP
BLOWER RPM 1509
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 12X14X2
BELT: (1) A-37

29. FC-3-6
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC40
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 865
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 24X24X2
BELT: (1) A-56

30. FC-3-7
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC12
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 1185
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 20X24X2
BELT: (1) A-57

31. FC-3-8
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC30
SERIAL #
START UP DATE 9/27/2021
115-ECM
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 10X40X
BELT: N/A
32. FC-3-9
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC08
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 0.75 HP
BLOWER RPM 1185
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 10X14X2
BELT: (1) A-40
33. FC-3-10
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC16
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.5 HP
BLOWER RPM 1481
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 16X18X2
BELT: (1) A-37
34. FC-3-11
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC12
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 3.0 HP
BLOWER RPM 1047
COOLING FLUID – WTR
HEATING FLUID – WTR

FILTERS: MERV8: 2 – 18X24X2
BELT: (1) A-57

35. FC-3-12
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC16
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 2.0 HP
BLOWER RPM 1120
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 16X18X2
BELT: (1) A-37

36. FC-3-13
LOCATED IN THIRD FLOOR CEILING SPACE
MANUFACTURER – PRICE
MODEL #BHC16
SERIAL #
START UP DATE 9/27/2021
208 VOLT, 3 PH,
MOTOR 1.0 HP
BLOWER RPM 1038
COOLING FLUID – WTR
HEATING FLUID – WTR
FILTERS: MERV8: 2 – 16X18X2
BELT: (1) A-37

CHILLERS

37. CH-1
LOCATED NORTH OF BUILDING IN BULL PEN
MANUFACTURER – YORK
MODEL #YLAA0175HE
SERIAL #11552B19664757
173 TON
PRESSURE TEST ON 2/23/2021
UNIT CONTROL 115 VOLT, 1 PH, 60 HZ
UNIT POWER SUPPLY 208 VOLT, 3 PH, 60 HZ
COMPRESSOR 115-1-60
COOLER – 115-1-60
PUMP – 115-1-60
REFIGERANT – R410A

BOILERS

38. B-1
LOCATED IN MECHANICAL ROOM ON FIRST FLOOR

MANUFACTURER – RBI
MODEL #CK2500
SERIAL #122087122
HEAT SOURCE – NATURAL GAS
MAX INLET GAS PRESSURE – 14
MIN INLET GAS PRESSURE – 3.5
ORFICE – 0.75 INCH, 19.0 MM
FILTER #09-0494-001

39. B-2
LOCATED IN MECHANICAL ROOM ON FIRST FLOOR
MANUFACTURER – RBI
MODEL #CK2500
SERIAL #122087090
HEAT SOURCE – NATURAL GAS
MAX INLET GAS PRESSURE – 14
MIN INLET GAS PRESSURE – 3.5
ORFICE – 0.75 INCH, 19.0 MM
FILTER #09-0494-001

PUMPS

40. BCP-1
LOCATED IN BOILER ROOM FIRST FLOOR
MANUFACTURER – TACO
MODEL #1900e
SERIAL #
200-240 V, 47-63 HZ, 1 PH
MAX FLOW 120 USGPM
0.75 HP
41. BCP-2
LOCATED IN BOILER ROOM FIRST FLOOR
MANUFACTURER – TACO
MODEL #1900e
SERIAL #
200-240 V, 47-63 HZ, 1 PH
MAX FLOW 120 USGPM
0.75 HP
42. HWP-1
LOCATED IN BOILER ROOM FIRST FLOOR
MANUFACTURER – TACO
MODEL #SKV3009
SERIAL #
208-230 V, 60 HZ, 3 PH
MAX FLOW 170 USGPM
5.0 HP
43. HWP-2
LOCATED IN BOILER ROOM FIRST FLOOR

MANUFACTURER – TACO
MODEL #SKV3009
SERIAL #
208-230 V, 60 HZ, 3 PH
MAX FLOW 170 USGPM
5.0 HP

44. CHWP-1
LOCATED IN BOILER ROOM FIRST FLOOR
MANUFACTURER – TACO
MODEL #SKV4009
Serial #
208-230 V, 60 HZ, 3 PH
MAX FLOW 400 USGPM
10.0 HP

45. CHWP-2
LOCATED IN BOILER ROOM FIRST FLOOR
MANUFACTURER – TACO
MODEL #SKV4009
Serial #
208-230 V, 60 HZ, 3 PH
MAX FLOW 400 USGPM
10.0 HP

E.) ANNEX 4

1. INDOOR UNITS, MANUFACTURER LENNOX

UNIT #1 (NORTH)
MODEL #: CH23-51-1, SERIAL #: 6000J18374 R22 OR R410A
FILTER: 1 - 20 X 25 X 1
GAS FIRED FURNACE GSR21Q SERIES
MODEL #: GSR21Q3-80-11, SERIAL #: 5899D-23638
INPUT: 80,000 BTUH
MANIFOLD PRESSURE 1.5-2.5 “ W/C.
GAS SUPPLY PRESSURE: 13.0 “ W/C MAX. 3.5” W/C MIN.
MAXIMUM OUTLET TEMPERATURE 175 DEGREES.
TEMPERATURE RISE 40-70 DEGREES.
OROFICE SIZE: .164
MAXIMUM STATIC PRESSURE .5” W/C FOR ALTITUDE 0-4500 FEET.
CONDENSATE FLOAT TRAP ASSEMBLY, PART #56G77

UNIT #2 (SOUTH)
MODEL #: CH23-51-1, SERIAL #: 6000K49371 R22 OR R410A
FILTER: 1 - 20 X 25 X 1
GAS FIRED FURNACE GSR21Q SERIES
MODEL #: GSR21Q4/5-100-11, SERIAL #: 5899D-16709.
INPUT: 100,000 BTUH
MANIFOLD PRESSURE: 1.5”-2.5” W/C
GAS LINE SUPPLY PRESSURE: 13.0” W/C MAX. 3.5” W/C MIN.

MAXIMUM OUTLET TEMPERATURE 175 DEGREES
TEMPERATURE RISE 46-75 DEGREES.
OROFICE SIZE .188
MAXIMUM STATIC PRESSURE FOR ALTITUDE 0-4500 FEET, .5" W/C
CONDENSATE FLOAT TRAP ASSEMBLY PART #56G77

2. OUTDOOR UNITS,, MANUFACTURER LENNOX

UNIT #1 (NORTH)
MODEL #: 12ACB36-4P, SERIAL #: 8500B22722
HCFC 22 6 POUNDS, 7 OUNCES, DESIGN PRESSURES, HI.278, LO. 144
208/230 V.A.C. 1 PH. 60 HZ.
COMPRESSOR: R.L.A. 15.4, L.R.A. 88
FAN MOTOR: F.L.A. 1.1, H.P. 1/6

UNIT #2 (SOUTH)
MODEL #: 12ACB48-4P, SERIAL #: 5899H43588
HCFC 22 10 POUNDS 11 OUNCES, DESIGN PRESSURES, HI. 278, LO. 144
208/230 V.A.C. 1 PH. 60 HZ.
COMPRESSOR: RLA 19.2, L.R.A. 137
FAN MOTOR: F.L.A. 1.9, H.P. 1/3
UNITS INSTALLED BY SIMCOE METAL AND ELECTRIC, GOLDENDALE

NOTE LENNOX TECHNICAL SUPPORT SAY'S CHA8 AND CHA9 MODEL A.C. UNIT
COMPRESSORS DESIGNED TO OPERATE WITH AMBIENT TEMPERATURE AT OR ABOVE 35
DEGREES F. WITHOUT CRANKCASE HEATER.

LENNOX PART # 68887, BELLY BAND HEATER ADD ON KIT FOR OLDER COMPRESSOR'S
AVAILABLE @ 16.50 EACH.

LENNOX UNIT SERIAL NUMBERS EXAMPLE 5175J01902 51 FACTORY CODE 75 YEAR
MANUFACTURED J MONTH MANUFACTURED (A BEING JANUARY) 01902 ASSEMBLY
LINE NUMBER.

MODEL NUMBER BREAKDOWN EXAMPLE; GCS3-413-120A-24 GCS3 (MODEL) 41
(TONNAGE 41,000 BTU'S DIVIDED BY 12,000 BTU'S = 3.5 TONS).

F.) FAIRGROUNDS

NEW W.S.U./ MEETING ROOM & LARGE EXHIBIT ROOM VENTILATION SYSTEM

1. INDOOR 5 TON UNIT

CARRIER
MODEL #: 59TP6B120V241122, SERIAL #: 4419A47217 GAS FURNACE
PRODUCT: #
208/230 V.A.C., 1 PH. 60 HZ.
INDOOR BLOWER: ¼ H.P. 2.1 AMPS
INSTALLED DECEMBER 2019

2. OUTDOOR 5 TON UNIT

CARRIER
MODEL #: 24ABB360A0N34011, SERIAL #: 0419E23555
208/230 V.A.C., 1 PH. 60 HZ.

3. NEW EXHIBIT HALL 4 TON UNITS n.g. MODEL #59SC5A80E21-20

NEW CARRIER 4 TON ELECTRIC COOLING UNITS
MODEL #24ABB348A003

BOTH INSTALLED APRIL 2020

4. OUTDOOR UNIT

MODEL #: MSZGE12NA
MODEL #: MSZGE09NA
SERIAL #'S 0009038T, 0009055T, 0017207T, 001713T

5. RESIDENCE

REEM, Model: RHSL-HM3017JA. Serial #: W101223496

6. OLD RESTROOM (EAST)

LENNOX MODEL #: E11OZ-561-2P. SERIAL #: E1102-561-PZ- 5874L00399

7. NEW RESTROOM (WEST)

CADET MODEL: CEIT05P

8. POULTRY BUILDING

DAYTON MODEL: BE345

G.) DALLESPORT COMMUNITY CENTER

1. 4 ELECTRIC HEATING UNITS, 2 IN EACH ROOM.

- a. SPACE MOD EMERSON CHROMALOX
EMERSON ELECTRIC COMPANY, BENNETTSVILLE, S.C. 29512

CAT. #MUH-05-2 208/240 V.A.C. 1/3 PH. 60 HZ. 3.7/5 KW.
MOTOR: 208/240 V.A.C. 1 PH. 60 HZ. DRAWING #3602-1769-004.

2. HEAT PUMP

OUTDOOR UNIT CARRIER
MODEL #: 38YKB030310, SERIAL #: 3993E00236
208/230 V.A.C. 1 PH. 60 HZ.
COMPRESSOR: 17.9 RLA, 90.5 LRA
FAN MOTOR: 1/8 H.P., .9 FLA
DEFROST CONTROL BOARD #CESO110063-02, \$121.81
DEFROST SENSOR, #HH18HA280, \$11.77
CONTACTOR: #HN51KB024, #19.40

INDOOR UNIT CARRIER
MODEL #: 40AQ030340GM, SERIAL #: 01A81065
208/230 V.A.C. 1 PH. 60 HZ.
BLOWER MOTOR: 1/3 H.P. 3.6 FLA
3 - 5000 WATT HEATING ELEMENTS FOR SUPPLEMENTARY HEAT.

R-22

FILTERS: 2 - 14 X 20 X 1

***NOTE *** CARRIER TONNAGE SIZING IS THE SIXTH AND SEVENTH NUMBERS IN THE OUT DOOR UNITS MODEL NUMBER. THIS NUMBER REPRESENTS THE BTU'S WHICH IS DIVIDED BY 12,000 TO OBTAIN TONNAGE. EXAMPLE; MODEL #38YG030500, THE SIXTH AND SEVENTH NUMBERS ARE 30 WHICH INDICATE 30,000 BTU'S, DIVIDE THIS NUMBER BY 12,000 BTU'S(1 TON =12,000 BTU'S) = 2.5 TONS CAPACITY.

H.) DALLESPORT WASTE WATER TREATMENT

OFFICES:

INDOOR:

TRANE MODEL #: TUD080C948K, SERIAL #:2044PPP1G

OUTDOOR:

MODEL #: TTA048D400A1, SERIAL #: 2064W933F

PLANT:

INDOOR:

CARRIER MODEL #: 400AE048320, SERIAL #: 2002V13285

FAN MOTOR #1: 208/230 V A C 1/6 H.P. .124 KW OUT

#2 208/230 V.A.C. 1/15 H.P. .050 KW OUT

ELECTRIC HEAT: 240 V.A.C. FLA-17.4 4.0 KW OUT

OUTDOOR:

MODEL #: 38HDC048621, SERIAL #:

460 V.A.C. 3 PH. R-22

SEWAGE PLANT CONTACTS: TIM MCMURAN 509-980-1956

I.) GOLDENDALE ROAD SHOP

1. HEAT PUMP

OUTDOOR UNIT CARRIER

MODEL #: 25HBC324A300

2. INDOOR UNIT CARRIER

MODEL #: FB4CNF024

***NOTE *** CARRIER TONNAGE SIZING IS THE SIXTH AND SEVENTH NUMBERS IN THE OUT DOOR UNITS MODEL NUMBER. THIS NUMBER REPRESENTS THE BTU'S WHICH IS DIVIDED BY 12,000 TO OBTAIN TONNAGE. EXAMPLE; MODEL #38YG030500, THE SIXTH AND SEVENTH NUMBERS ARE 30 WHICH INDICATE 30,000 BTU'S, DIVIDE THIS NUMBER BY 12,000 BTU'S(1 TON =12,000 BTU'S) = 2.5 TONS CAPACITY.

J.) PIONEER CENTER VENTILATION

UNITS TO BE REPLACED IN SPRING OF 2025 – FC-1, FC-6, FC-7, CU-1, CU-6, CU-7, MANUFACTURER – TBD

1. ELEVATOR ROOM WINDOW UNIT
MANUFACTURER: COMFORT AIRE, HEAT CONTROLLER INC.
MODEL #: BDE-103A, SERIAL #:
208/230 V.A.C. 60 HZ, 1 PH.
4.7/5.2 AMPS
COOLING: 9,800/10,000 BTU/H R-22
EER: 9.4/9.4 BTU/H-W
HEATING CAPACITY: 11,200/9,200 BTU/H
15.3/14.0 AMPS
2. TELEPHONE/COMPUTER SERVER ROOM
MANUFACTURER: MITSUBISHI HYPER HEAT SPLIT UNIT
MODEL #: PKA-A30 FL WITH PUZ HA30NHA, SERIAL #:
208/230 V.A.C. 60 HZ, 1 PH.
COOLING;
EER: 9.4/9.4 BTU/H-WHEATING CAPACITY: 30,000 BTU/H
15.3/14.0 AMPS
3. MAU-1 (KITCHEN) MAKE UP AIR UNIT WITH FURNACE AND WATER TYPE
EVAPORATIVE COOLING
GREENHECK
MODEL #: IG-110-H20-HZ, SERIAL #: 05F00787
SUPPLY FAN: 3 H.P.
208 V.A.C. 60 HZ, 3 PH. 15.6 AMPS
FILTERS: (METAL)
FURNACE-GREENCHECK
INDIRECT GAS FIRED
MODEL: #PVF250 (250,000 BTUH)
TEMPERATURE RISE: 25 TO 100 DEGREES.
4. EF-1 (GREASE HOOD EXHAUST FAN (KITCHEN)
GREENCHECK
MODEL #: CUBE-161-10-6, SERIAL #: 05E31614
V-BELT: CARLISLE #AP20
5. EF-2 KITCHEN PANTRY EXHAUST
GREENHECK
MODEL #: GB-091-4-X, S/N: 05E31799
V-BELT: CARLISLE 3L190
4. EF-3 (BUILDING RELIEF)
GREENCHECK
MODEL #:44-BISW-41-X-10-1, SERIAL #: 05D05902
BLOWER: 847 R.P.M. MAXIMUM AT 70 DEGREES F.

MOTOR: 7.6 H.P. 1760 R.P.M. 208/230 V.A.C. 60 HZ. 3 PH.
MATCHED SET OF 3 V-BELTS #AX72
VARIABLE FREQUENCY DRIVE CONTROLS
MODEL #:ACH550-UH-024A-2, SERIAL #: 2053500520
INPUT: 3PH 48-63 HZ. 208/240 V.A.C.

5. EF-4 (RESTROOM EXHAUST)

REENCHECK
MODEL #: 12-BISW-41-X-10-1, SERIAL #: O5D05924
3274 R.P.M. MAXIMUM @70 DEGREES F.
V-BELT 4L330

6. EF-5 (KITCHEN PANTRY)

GREENHECK
MODEL #: GB-071-4-X, S/N: GB-071-4-X
V-BELT: CARLISLE #3L180

7. FURNACE F-1

TRANE
MODEL #: TDX120C960D3, SERIAL #: 5124MXN7G MFR. 3/05
INPUT BTUH: 120,000
CAPACITY BTUH(ICS): 112,000

COIL - TRANE
MODEL #: TXH063P3HPBF, SERIAL #: 5172KJY7H, MFR. 04/05
R-22 ONLY
FILTERS: PAPER 18 X 20 X 1
DAMPERS ARE SET AT ABOUT 70% SHUT.

8. FURNACE F-2

TRANE
MODEL #: S9V2B080U4PSBD, SERIAL #: 22353JGMKG
BTUH: 80,000 96%
COIL - TRANE
MODEL #: 4TXCB006DS3HCB, SERIAL #: 22294441BG

9. FURNACE F-3

TRANE
MODEL #: S9V2B060U4PSBD, SERIAL #: 2242524BKG
BTUH: 60,000 96%
COIL - TRANE
MODEL #: 4TXCB004DS3HCCV SERIAL #: 23183400CU

10. FURNACE F-4

TRANE
MODEL #: S9V2B040U3PSBD, SERIAL #: 2242524BKG
BTUH: 40,000 96%
CAPACITY BTUH(ICS): 38,000
COIL - TRANE
MODEL #: 4TXCB004DS3HCC, SERIAL #: 23252SR5CV

11. FURNACE F-5

TRANE

MODEL #: S9V2C080U5PSBD, SERIAL #: 22432JHEKG

BTUH: 80,000 96%

COIL - TRANE

MODEL #: 4TXCC007DS3HCB, SERIAL #: 23061NT9BG

12. FURNACE F-6

TRANE

MODEL #: TUX080C960D3, SERIAL #: 513HJX7G MFR. 03/05

INPUT BTUH: 80,000

CAPACITY BTUH(ICS): 74,000

COIL - TRANE

MODEL #: TXH063P3HPBF, SERIAL #: 5171SLB7H MFR. 04/05

R-22 ONLY

FILTER: PLASTIC 20 X 25

O/A DAMPERS SET AT ABOUT 90% SHUT

DUCT SMOKE DETECTOR INSTALLED IN RETURN AIR, POWERED BY VENTILATION
UNITS TRANSFORMER.

13. FURNACE F-7

TRANE

MODEL #: TUX080C960D3, SERIAL #: 5142LEH7G MFR. 04/05

CAPACITY BTUH(ICS): 74,000

COIL - TRANE

MODEL #: TXH041A4HPAF, SERIAL #: 5142MBA7H MFR. 04/05

R-22 OR R-410A

FILTER: PLASTIC 20 X 25

O/A DAMPERS SET AT ABOUT 70% SHUT

14. FURNACE F-8

FURNACE MAKE - CARRIER

FURNACE MODEL- MODEL# 59SC5B080211120 SERIAL# 4521A46928

ECONOMISER MAKE - MICROMETL

ECONOMISER MODEL #MB-GP20CA-D2DH

COIL MAKE - CARRIER

COIL MODEL #5121J19963

15. FURNACE F-9

FURNACE MAKE - CARRIER

FURNACE MODEL# 59SC5B120E241122 SERIAL# 4521A45189

ECONOMISER MAKE - MICROMETL

ECONOMISER MODEL #MB-GP20CA-D2DH

COIL MAKE - CARRIER

COIL MODEL #5121J19963

16. FURNACE F-10

FURNACE MAKE - CARRIER

FURNACE MODEL# 59SC5B080E211120 SERIAL# 4521A46930

ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH
COIL MAKE - CARRIER
COIL MODEL #5121J19963

17. FURNACE F-11

FURNACE MAKE - CARRIER
FURNACE MODEL# 59SC5B120E241122 SERIAL# 4521A45189
ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH
COIL MAKE - CARRIER
COIL MODEL #5121J19963

18. FURNACE F-12

FURNACE MAKE - CARRIER
FURNACE MODEL# 59SC5B100E211120 SERIAL# 4521A61028
ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH
COIL MAKE - CARRIER
COIL MODEL #5121J19963

19. FURNACE F-13

FURNACE MAKE - CARRIER
FURNACE MODEL# 59SC5B060E171114 SERIAL# 4521A58971
ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH
COIL MAKE - CARRIER
COIL MODEL #5121J19963

20. FURNACE F-14

FURNACE MAKE - CARRIER
FURNACE MODEL# 59TP6B080V211220 SERIAL# 3422A48903
ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH
COIL MAKE - CARRIER
COIL MODEL #5121J19963

21. FURNACE F-15

FURNACE MAKE - CARRIER
FURNACE MODEL# 59TP6B060V171214 SERIAL# 0423A60164
ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH
COIL MAKE - CARRIER
COIL MODEL #5121J19963

22. FURNACE F-16

FURNACE MAKE - CARRIER
FURNACE MODEL# 59SC5B100E211120 SERIAL# 1422A48701
ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH

COIL MAKE - CARRIER
COIL MODEL #5121J19963

23. FURNACE F-17

FURNACE MAKE - CARRIER
FURNACE MODEL# 59SC5B080E171116 SERIAL# 1022A49991
ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH
COIL MAKE - CARRIER
COIL MODEL #5121J19963

24. FURNACE F-18

FURNACE MAKE - CARRIER
FURNACE MODEL# 59TP6B120V241122 SERIAL# 0723A49272
ECONOMISER MAKE - MICROMETL
ECONOMISER MODEL #MB-GP20CA-D2DH
COIL MAKE - CARRIER
COIL MODEL #5121J19963

25. CONDENSING UNIT CU-1

TRANE
MODEL #: 2TTA0072A3000AA, SERIAL #: 444255A2F

26. CONDENSING UNIT CU-2

TRANE
MODEL #: 4TWR6042H1000A, SERIAL #: 21465HP85F
3.5 TON

27. CONDENSING UNIT CU-3

TRANE
MODEL #: 4TWR6036N1000A, SERIAL #: 24043NPKKF
3 TON

28. CONDENSING UNIT CU-4

TRANE
MODEL #: 4TWR6036N1000A, SERIAL #: 24043NYGKF
3 TON

29. CONDENSING UNIT CU-5

TRANE
MODEL #: 4TWR6060N1000A, SERIAL #: 24025MAPHF
5 TON

30. CONDENSING UNIT CU-6

TRANE
MODEL #: 2TTA0072A3000AA, SERIAL #: 44425082F

31. CONDENSING UNIT CU-7

TRANE
MODEL #: 2TTB2048A1000AA, SERIAL #: 5054SHP3F

32. CONDENSING UNIT CU-8
CARRIER
MODEL # 25HPB642A0030060 SERIAL# 1922E16114
33. CONDENSING UNIT CU-9
CARRIER
MODEL #25HPB642A0030060 SERIAL# 1622E16131
34. CONDENSING UNIT CU-10
CARRIER
MODEL # 25HPB648A0030060 SERIAL# 2022E18404
35. CONDENSING UNIT CU-11
CARRIER
MODEL # 25HPB660A0030060 SERIAL# 2022E10058
36. CONDENSING UNIT CU-12
CARRIER
MODEL # 25HPB648A0030060 SERIAL# 1922E16399
37. CONDENSING UNIT CU-13
CARRIER
MODEL # 25HPB636A0030010 SERIAL# 1922A02851
38. CONDENSING UNIT CU-14
CARRIER
MODEL # 25TPA748A0030101 SERIAL# 2923E02637
39. CONDENSING UNIT CU-15
CARRIER
MODEL # 25SCA524A0030101 SERIAL#1023E12901
40. CONDENSING UNIT CU-16
CARRIER
MODEL # 25HPB648A0030060 SERIAL# 2722E00161
41. CONDENSING UNIT CU-17
CARRIER
MODEL: # 25HPB636A0030010 SERIAL# 1922E02813
42. CONDENSING UNIT CU-18
CARRIER
MODEL # 25HCE448AP050011 SERIAL# 1023E09297
44. CONDENSING UNIT CU-19
MITSUBISHI
MODEL #: MU09TW, SERIAL #: 3006896
115 V.A.C. 1 PH. 60HZ.
45. AC-1-INDOOR UNIT
MITSUBISHI

MODEL #: MS09TW

SERIAL #: 4002992

46. KITCHEN BACKUP SPLIT UNIT

MANUFACTURER; MITSUBISHI HYPER HEAT SPLIT UNIT

MODEL #: PKA-A30 FL WITH PUZ HA30NHA, SERIAL #:

208/230 V.A.C. 60 HZ, 1 PH.

COOLING:

EER: 9.4/9.4 BTU/H-W

HEATING CAPACITY: 30,000 BTU/H

15.3/14.0 AMPS

K.) DISPATCH CENTER

DUCTLESS SPLIT SYSTEM AIR CONDITIONER SYSTEM SCHEDULE

Daikin Model Number: FTXS36LVJU/RKS36LVJU

Daikin Model Number: FTXS36LVJU/RKS36LVJU

Daikin Model Number: FTXS36LVJU/RKS36LVJU

DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

Daikin Model Number: FTX30LVJU/RXS30LVJU

Daikin Model Number: FTX30LVJU/RXS30LVJU

SPLIT SYSTEM AIR CONDITIONING FAN COIL SCHEDULE

Carrier Model Number: 40RUQA07A3A6-0A1A0

HEAT PUMP UNIT SCHEDULE

Carrier Model Number: 38AUQA07A0M5-0A0A0

EXHAUST FAN SCHEDULE

Greenheck Model Number: SQ-120-B

Greenheck Model Number: CSP-B150

LOUVER SCHEDULE

Greenheck Model Number: FDS-602

Greenheck Model Number: FDS-602

Greenheck Model Number: FDS-602

REGISTER/GRILLE/DIFFUSER SCHEDULE

Krueger Model Number: RM2PLQ

Krueger Model Number: DMGDRV

Krueger Model Number: S80

STEAM GENERATING HUMIDIFIER SCHEDULE

Dri-Steam Model Number: XTP002