

VRF HEAT PUMP OUTDOOR UNIT SCHEDULE

Table with columns: TAG, MANUFACTURER, MODEL, SYSTEM SERVED, LOCATION, TOTAL COOLING CAPACITY (BTU/H), TOTAL HEATING CAPACITY (BTU/H), EER, PIPING CONNECTION (REFRIGERANT TYPE, REFRIGERANT CHARGE (LB), LIQUID (RL) OD, VAPOR (RHG) OD), COMPRESSOR TYPE, TYPE, DRIVE, QTY, AIRFLOW (CFM), LENGTH, WIDTH, HEIGHT, ELECTRICAL DATA (V, PH, HZ, FLA), OPERATING WEIGHT (LB), NOTES.

NOTES:

- 1. MOUNTED ON BASE RAILS SUPPORTED BY STRUCTURAL CHANNELS. SEE STRUCTURAL DRAWINGS FOR DETAIL
2. UNIT SHALL PROVIDE MINIMUM HEATING CAPACITY OF 21 MBH AT 9 DEG F AMBIENT DESIGN CONDITION
3. UNIT SHALL PROVIDE MINIMUM HEATING CAPACITY OF 11 MBH AT 9 DEG F AMBIENT DESIGN CONDITION

VRF HEAT PUMP INDOOR UNIT SCHEDULE

Table with columns: TAG, MANUFACTURER, MODEL NO., AREA SERVED, LOCATION, TOTAL COOLING CAPACITY (BTU/H), TOTAL HEATING CAPACITY (BTU/H), FAN DATA (DRIVE, QTY, MAX SUPPLY AIRFLOW (CFM)), REFRIGERANT TYPE, PIPING CONNECTIONS (LIQUID (RL) OD, VAPOR (RS) OD, COND ID), DIMENSIONS (LENGTH, WIDTH, HEIGHT), ELECTRICAL DATA (V, PH, HZ, RATED AMP), OPERATING WEIGHT (LB), NOTES.

NOTES:

- 1. UNIT TO BE CEILING MOUNTED, SUSPENDED FROM HANGERS SUPPORTED BY SLAB ABOVE
2. INCLUDE FACTORY MOUNTED CONDENSATE PUMP

ROOFTOP UNIT SCHEDULE

Table with columns: TAG, MANUFACTURER, MODEL, AREA SERVED, PERFORMANCE (TOTAL COOLING CAPACITY (BTU/H), SENSIBLE COOLING CAPACITY (BTU/H), HEATING CAPACITY (BTU/H), AHRI EER), SUPPLY FAN (SUPPLY AIRFLOW (CFM), MINIMUM OUTSIDE AIRFLOW (CFM), EXT S.P. (IN. W.G.), QTY, KW), FILTER (QTY, EFFICIENCY), COMPRESSOR (QTY, KW), REFRIG (REFRIG TYPE, QTY, FAN HP), CONDENSER FAN (V, PH, HZ, FLA), ELECTRICAL (OPERATION), MAXIMUM DIMENSIONS (HEIGHT (IN), WIDTH (IN), LENGTH (IN)), OPERATING WEIGHT (LB), NOTES.

NOTES:

- 1. MOUNTED ON STEEL DUNNAGE WITH GRATING PLATFORM SURROUNDING UNIT FOR ACCESS. SEE STRUCTURAL DRAWINGS FOR DUNNAGE COORDINATION.
2. HEATING CAPACITY AT 9 DEG F AMBIENT DESIGN CONDITION IS 15 MBH. EUH-1 PROVIDES SUPPLEMENTAL HEATING TO MAINTAIN HEATING SETPOINT IN BATTERY ROOM.

ELECTRIC UNIT HEATER SCHEDULE

Table with columns: TAG, MANUFACTURER, MODEL NO., AREA SERVED, LOCATION, TYPE, FAN (AIRFLOW (CFM), HP), ELECTRICAL DATA (CAPACITY (KW), FLA, V, PH, HZ), OPERATING WEIGHT (LB), NOTES.

NOTES:

- 1. UNIT MOUNTED WITH WALL MOUNTING BRACKET.
2. HEATING CAPACITY SIZED FOR 9 DEG F AMBIENT DESIGN CONDITION.
3. UNIT LOCATED IN BATTERY ROOM SHALL BE EXPLOSION PROOF CONSTRUCTION.

DIFFUSER & GRILLE SCHEDULE

Table with columns: TAG, MANUFACTURER, MODEL, TYPE, INLET SIZE (DIAMETER (IN), WIDTH (IN), HEIGHT (IN)), NOMINAL DIMENSIONS (LENGTH (IN), WIDTH (IN), HEIGHT (IN)), MAX S.P. (IN. W.G.), MAX N.C., MAX FLOW (CFM), NOTES.

NOTES:

- 1. GRILLES LOCATED IN BATTERY ROOM SHALL BE STAINLESS STEEL CONSTRUCTION.

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DESIGNED BY: AP, DRAWN BY: AP, ARUP logo, ACCOUNTABLE MANAGER JUSTIN RIVELLINO, PORTFOLIO MANAGER LAUREN D'ATTILE, PE, DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE, NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION, CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION HVAC ELECTRICAL BUILDING EQUIPMENT SCHEDULES 1, DATE: APRIL 2023, SCALE: AS NOTED, SHEET NO: Page 431 of 536, DRAWING NO. KSEB-H-003.00

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.