

HEAT RECOVERY VENTILATOR SCHEDULE

Table with columns: TAG, AREAS SERVED, TOTAL AIR FLOW (SUPPLY AIR, RETURN AIR), WHEEL SUMMER CONDITIONS, WHEEL WINTER CONDITIONS, FURNACE, COOLING PERFORMANCE, ELECTRIC, WEIGHT, REMARKS.

FUEL IS NATURAL GAS

WEIGHTS DO NOT INCLUDE CURBS

WATER SOURCE HEAT PUMP SCHEDULE

Table with columns: TAG, NOM. TONS, SUPPLY FAN, UNIT POWER, WATER FLOW, COOLING, HEATING, WEIGHT (LBS), REMARKS.

*PURE WATER

HR = HEAT OF REJECTION (MBH)

HOA = HEAT OF ABSORPTION

ROOFTOP UNIT SCHEDULE

Table with columns: TAG, AREA SERVED, SUPPLY FAN, EXH FAN, NATURAL GAS HEAT, DIRECT EXPANSION COOLING COIL, MIN. O.A., ELECTRIC, WEIGHT (LBS), REMARKS.

* WEIGHTS DO NOT INCLUDE CURBS

RTU-4 TO HAVE INTERNAL CO SENSORS & SMOKE DETECTORS

HEAT EXCHANGER SCHEDULE

Table with columns: TAG, HEAT PUMP CIRCUIT, COOLING TOWER CIRCUIT, PLATES, TRANSFER SURFACE, BTU EXCHANGED, WEIGHT (WET), REMARKS.

FAN SCHEDULE

Table with columns: TAG, AREA SERVED, TYPE, CFM, SP, SONES, RPM, WATTS, HP, ELECTRIC, WEIGHT, REMARKS.

SOME RATINGS ARE MINIMUMS NOT TO BE EXCEEDED HVI SONE RATINGS WILL NOT BE ACCEPTED

PUMP SCHEDULE

Table with columns: TAG, TYPE, AREA SERVED, GPM, HEAD, HP, RPM, WATTS, ELECTRIC, WEIGHT, REMARKS.

COOLING TOWER SCHEDULE

Table with columns: TAG, NOM. TONS, COIL FLUID, AMBIENT, AIR, UNIT POWER, WEIGHT (LBS), REMARKS.

SELECTION BASED ON EVAPCO UT 19-44H6

BOILER SCHEDULE

Table with columns: TAG, GROSS MBH, OUTPUT MBH, TURNDOWN, HP, FUEL, RELIEF VALVE, WATER CONTENT, ELECTRIC, REMARKS.

ELECTRIC HEAT SCHEDULE

Table with columns: TAG, DESCRIPTION, LENGTH, WIDTH, WATTS, BTU, AMPS, ELECTRIC, REMARKS.

SYMBOLS AND ABBREVIATIONS

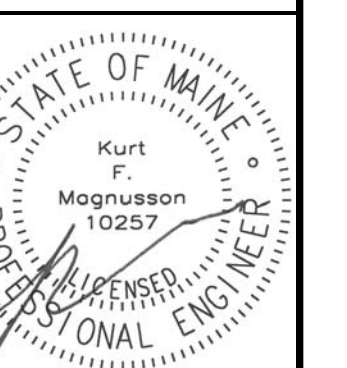
Table listing symbols and abbreviations for various mechanical components like valves, dampers, registers, diffusers, etc.

GENERAL NOTES

- 1. Mechanical Contractor shall coordinate work with all other trades.
2. All piping and ductwork shall be run concealed and on the warm side of the building insulation unless shown otherwise.
3. Piping and ductwork is shown diagrammatically. Exact locations to be adjusted as required to conform to field conditions.
4. All duct sizes indicated are outside (sheet metal) dimensions.
5. All square duct elbows over 12 inches in width to have turning vanes.
6. Refer to Architectural Reflected Ceiling Plans for exact locations of all ceiling registers, diffusers and grilles.
7. All fire dampers, motorized dampers and duct smoke detectors shall have duct access doors as large as possible up to 12"x12".
8. All dimensions associated with existing conditions are approximate and are to be field verified.
9. All branch water piping to individual terminal heating units or zones shall be not less than 3/4 inches in size unless noted otherwise.
10. All reductions in water pipe sizes in the direction of flow shall be accomplished with inverted eccentric reducing fittings. Do not use reducing tees.
11. Provide air vents at all locations where water piping drops in the direction of flow, at all high points in the system and elsewhere as shown.
12. Provide drains with a ball cock, hose threads and metal caps at all low points in the water piping system.

AIR TERMINAL SCHEDULE

Table with columns: TAG, NECK SIZE, MAX CFM, MAX NC, MAX SP, REMARKS.



AC HOTELS by MARRIOTT
Fore Street / Hancock Street / Thames Street
Portland, Maine

REVISION:

ISSUED: RELEASED FOR PRICING 12/21/2016
ADDENDA #1: 01/11/2017

project architect: KAK
drawn by: REM

MECHANICAL EQUIPMENT SCHEDULES

sheet number:

M15

