Date: 11/10/14
Building Inspection Division
Approved with Conditions

PACKAGED ROOFTOP AC UNIT PERFORMANCE SCHEDULE

* - AT ARI STANDARD CONDITIONS AND 95°F. OUTSIDE AMBIENT

TAG	NOMINAL COOLING (TONS)	MINIMUM O.A. (CFM)	MAXIMUM O.A. (CFM)	FAN	DRIVE	AIRFLOW (CFM)	ESP (IN WG)	G.A.S. HEAT (Btu in out)	E.A.P. (IN WG)	RPM	WT. (LBS)	ELECTRICAL REQUIREMENTS HP	EHP	MCA	MOCP	V/PH/HZ	TAG CLG COIL	TAG HGA RECOV.	S.E.E.R. (BTU/WATT)	BASIS OF DESIGN CARRIER SERVICE	MODEL	DISCHARGE SOUND POWER (dB RE 10^{-12} WATTS) OCTAVE BAND & CENTER FREQUENCY (HZ) 63	125	250	500	1000	2000	4000	8000
AC-1	15.0	1500	6000	SUPPLY	BELT	6000	2.0	80.6	0.6	921	1260	3.0	2.75	52	100	208/3/60	CC-1	N/A	10.8	-	48TCFD16-AC48	-	-	-	-	-	-	-	-
				EXHAUST		-	-	-	-	-	-	-	-																
-	-	-	-	SUPPLY	BELT	-	-	-	-	-	-	-	-	-	-	208/3/60	-	NA	-	-	-	-	-	-	-	-	-	-	-
				EXHAUST		-	-	-	-	-	-	-	-																

DX COOLING COIL PERFORMANCE SCHEDULE

TAG	TOTAL COOLING (MBH)	SENS. COOLING (MBH)	S.E.T. (DB/DP)	TYPE OF REFRIGERANT	AIRFLOW (CFM)	APD (IN WG)	ROWS / FPI	E.A.T. (DB/W)	E.A.T. (WB/W)	L.A.T. (DB/W)	SERVICE
CC1	114.0	101.0	45	R-410A	6000	-	-	80	67	-	AC-1
-	-	-	-	-	-	-	-	-	-	-	-

General Mechanical Notes

1. Supply air ductwork shall be insulated with 1½" thick fiberglass ductwrap w/ FSK. Outside air intake ductwork shall be insulated with 3" thick fiberglass ductwrap.
2. Refrigeration piping shall be Type ACR copper tube with brazed joints and charged with nitrogen before and during brazing. Refrigeration piping shall be insulated with ¾" thick Armaflex.
3. AC1 shall have a Belimo "Econ-Zip" enthalpy economizer controller or equal. EFI shall operate when the system goes into economizer mode and shall operate in proportion to the position of the outside air damper.

UNIT HEATER PERFORMANCE SCHEDULE

HEATING PERFORMANCE BASED ON 1000 BTU/CF NG.

TAG	OUTPUT (MBH)	FLOW RATE (GPM)	W.P.D. (FT.H2O)	AIRFLOW (CFM)	ROWS	MTG. HT.	ELECTRICAL REQUIREMENTS HP	WATTS	V/PH/HZ	BASIS OF DESIGN: Reznor SERVICE	ARRANGEMENT	MODEL
UH1	201.5	-	-	1202	-	11'-0"	¼	-	120/1/60	-	HORIZONTAL	UDAP 250
UH2	332.0	-	-	1523	-	11'-0"	½	-	120/1/60	-	HORIZONTAL	UDAP 400

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Revisions

170 Anderson Street

Portland, ME

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Job No.: 3645
Date: 9/22/14
Scale: 1/8" = 1'-0" or A.N.
Drawn by: SP Doel
Checked by: SP Doel

Drawing Title:
HVAC Floor Plan

M.1