



# COMPASS HEALTH Tenant Fit up

Merrill's Wharf, Portland, Maine

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SCALE: 1/4" = 1'-0"

## MECHANICAL PLAN AT TOILETS

# M1.2

JULY 01, 2011

TAG	AREA SERVED	WINTER EXHAUST AIR				WINTER OUTDOOR AIR				SUPPLY AIR TO SPACES				FAN HP	ELECTRIC	WEIGHT	REMARKS
		CFM	TEMP.	RH	HP	CFM	TEMP.	RH	HP	CFM	TEMP.	RH	S.P.				
HRU-4	ALL	300	70	30.0%	300	300	-10	30%	60.0%	300.00	45	0.216	0.665	0.21	208V-60-1P	73	HORIZONTAL INDOOR

TAG	AREA SERVED	TYPE	CFM	SP	SONES	WATTS	ELECTRIC	WEIGHT	REMARKS
EF-12	217 WOMEN	CEILING	45	1/4"	1.0	75	120V-60-1P	10	OPERATE FROM WALL SWITCH
EF-13	218 MEN	CEILING	45	1/4"	1.0	75	120V-60-1P	10	OPERATE FROM WALL SWITCH

TAG	EQUIPMENT SERVED	NOMINAL BTU	COOLING				HEATING				COMPRESSOR				POWER	REFRIGERANT			WEIGHT (LBS)	REMARKS
			AMB.	COND. WATTS	SEER	HP	AMB.	COND. WATTS	HP	RATED AMPS	LRA	TYPE	GAS	LIQUID						
OU-17	AH-21R	24,000	45	1,126	152	13.00	35	1,506	152	1/8	9.40	63.00	208V-60-1P	R-410A	5/8" OD	5/16" OD	116	116	MOUNTED ON PAD	
OU-18	AH-22O	30,000	45	2,267	144	13.00	35	2,031	144	1/8	11.70	68.20	208V-60-1P	R-410A	5/8" OD	5/16" OD	204	204	MOUNTED ON PAD	
OU-19	AH-22I	30,000	45	2,267	144	13.00	35	2,031	144	1/8	11.70	68.20	208V-60-1P	R-410A	5/8" OD	5/16" OD	204	204	MOUNTED ON PAD	
OU-20	AH-22Z	30,000	45	2,267	144	13.00	35	2,031	144	1/8	11.70	68.20	208V-60-1P	R-410A	5/8" OD	5/16" OD	204	204	MOUNTED ON PAD	

TAG	SIZE	MAX CFM	MAX INCH	MAX SP	REMARKS
D1	12"x12" W/8" NECK	300	20	0.045"	SQUARE DIFFUSER, 2 WAY PATTERN / LAY-IN FRAME
ER1	8" x 8"	100	20	0.045"	EXHAUST REGISTER
ER2	12" x 8"	200	20	0.045"	EXHAUST REGISTER
SR1	12"x6"	250	20	0.030"	DOUBLE DEFLECTION SUPPLY REGISTER
SR2	14" x 6"	350	20	0.030"	DOUBLE DEFLECTION SUPPLY REGISTER

TAG	AREA SERVED	NOM. TONS	SUPPLY FAN				ELECTRIC	ELECTRIC HEATING COIL				COOLING PERFORMANCE				HEATING PERFORMANCE				REFRIGERANT			O.A. CFM	WEIGHT (LBS)	REMARKS					
			CFM	ESP*	RPM	HP		SP	KW	MBH	EAT	LAT	AMB.	EDB	EWB	SENS.	TOTAL	LDB	LWB	SEER	AMB.	EAT				MBH	LDB	TYPE	GAS	LIQUID
AH-21R	201, 202, 203 & 204	2.0	800	0.45"	1078	1/3	208V-60-1P	0.04"	5.76	14.7	60	83	45	80.0	67.0	19.60	23.20	60.5	57.5	13.0	35.0	60.0	17.5	80.3	R-410A	5/8" OD	5/16" OD	62	111	HORIZONTAL UNIT / SUSPENDED
AH-22O	205 & 206	2.5	1000	0.35"	1078	1/3	208V-60-1P	0.04"	7.20	24.6	60	83	45	80.0	67.0	22.00	30.30	54.3	57.1	13.0	35.0	60.0	21.4	80.3	R-410A	5/8" OD	5/16" OD	74	125	HORIZONTAL UNIT / SUSPENDED
AH-22I	208, 209, 201 & 216	2.5	1000	0.35"	1078	1/3	208V-60-1P	0.04"	7.20	24.6	60	83	45	80.0	67.0	22.00	30.30	54.3	57.1	13.0	35.0	60.0	21.4	80.3	R-410A	5/8" OD	5/16" OD	140	125	HORIZONTAL UNIT / SUSPENDED
AH-22Z	214 & 215	2.5	1000	0.35"	1078	1/3	208V-60-1P	0.04"	7.20	24.6	60	83	45	80.0	67.0	22.00	30.30	54.3	57.1	13.0	35.0	60.0	21.4	80.3	R-410A	5/8" OD	5/16" OD	82	125	HORIZONTAL UNIT / SUSPENDED

\* MAXIMUM EXTERNAL STATIC PRESSURE, NOT INCLUDING HEATING COILS OR FILTERS. HEATING COILS ARE SINGLE STAGE, SINGLE CIRCUIT



**MECHANICAL SYSTEMS ENGINEERS**  
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July 11, 2011 - 2:35 pm  
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