

PLAN MARK	TRANS MODEL	FAN POWERED TERMINAL REHEAT SCHEDULE										CONTROL VALVE	NOTES			
		PRIMARY AIR FLOW					HEATING COIL									
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
FFT 1-1	VS4VF	435	0.5	1/3	120/1	435	206	2.0	5	65	85	10	21 X 16	9	9	9
FFT 1-2	VS4VF	440	0.5	1/3	120/1	440	245	2.0	5	65	80	10	21 X 16	9	9	9
FFT 1-3	VS4VF	1065	0.5	1/3	120/1	1065	595	5.0	2.5	65	85	10	21 X 16	9	9	9
FFT 1-4	VS4VF	305	0.5	1/3	120/1	305	145	1.0	5	65	80	10	21 X 16	9	9	9
FFT 1-5	VS4VF	580	0.5	1/3	120/1	580	265	1.0	5	65	85	10	21 X 16	9	9	9
FFT 1-6	VS4VF	440	0.5	1/3	120/1	440	245	2.0	5	65	80	10	21 X 16	9	9	9
FFT 1-7	VS4VF	640	0.5	1/3	120/1	640	320	3.0	1.5	65	85	10	21 X 16	9	9	9
FFT 1-8	VS4VF	485	0.5	1/3	120/1	485	230	2.25	5	65	85	10	12 X 14	9	9	9
FFT 2-1	VS4VF	460	0.5	1/3	120/1	460	230	2.30	5	65	85	10	12 X 14	9	9	9
FFT 2-2	VS4VF	700	0.5	1/3	120/1	700	350	3.90	2.0	65	85	10	21 X 16	9	9	9
FFT 2-3	VS4VF	1180	0.5	1/3	120/1	1180	565	5.65	2.0	65	80	10	21 X 16	9	9	9
FFT 2-4	VS4VF	665	0.5	1/3	120/1	665	335	3.30	2.0	65	80	10	21 X 16	9	9	9
FFT 2-5	VS4VF	320	0.5	1/3	120/1	320	160	1.60	5	65	80	10	12 X 14	9	9	9
FFT 2-6	VS4VF	1800	0.5	1/3	120/1	1800	890	8.90	3.0	65	85	10	21 X 16	9	9	9
FFT 2-7	VS4VF	1800	0.5	1/3	120/1	1800	890	8.90	3.0	65	85	10	21 X 16	9	9	9

- FAN POWERED AIR TERMINALS SHALL HAVE FAN SPEED CONTROLS.
- MAXIMUM DISCHARGE AND RADIATED SOUND 82-85.
- PROVIDE LINED ELBOW SOUND ATTENUATORS WITH 1" INTERNAL LINER FOR FLENUM INLET. SEE SHEETS M1, M2 AND M3.
- TRANSITION FROM FFT TO INDICATED DUCT SIZE BY MECHANICAL CONTRACTOR.

PLAN MARK	MANUFACTURER & MODEL	LOCATION	MAX. CFM	MIN. CFM	MAX. APD IN. WC	MAX. IN. PC	INLET SIZE IN. Ø	OUTLET SIZE IN. X H	RELIEF		NOTES
									PSIG	PSI	
AT 1-1	TRANE VCGF	M1 / RM 111	475	0.3	0.3	35	8	11 X 10	150	180	120 / 1
AT 1-2	TRANE VCGF	M1 / RM 115	800	0.3	0.3	35	8	14 X 12	150	180	120 / 1
AT 1-3	TRANE VCGF	M1 / RM 101	425	0.3	0.3	35	8	11 X 10	150	180	120 / 1
AT 1-4	TRANE VCGF	M1 / RM 102	650	0.3	0.3	35	8	11 X 10	150	180	120 / 1
AT 2-1	TRANE VCGF	M1.2 / RM 205	315	0.1	0.1	38	10	14 X 12	150	180	120 / 1
AT 2-2	TRANE VCGF	M1.2 / RM 212	410	0.1	0.1	35	6	10 X 8	150	180	120 / 1

- MAXIMUM DISCHARGE AND RADIATED SOUND.
- TRANSITION FROM AIR TERMINAL TO INDICATED DUCT SIZE BY MECHANICAL CONTRACTOR.

PLAN MARK	HYDRO-PUMP MODEL	INLET SIZE IN. Ø	OUTLET SIZE IN. Ø	FLOW RATE GPM	HEAD FEET	EFFICIENCY %	RELIEF		NOTES
							PSIG	PSI	
B-1	AN-500	244	272	NAT GAS	9'	150	180	30	120 / 1
B-2	AN-500	244	272	NAT GAS	9'	150	180	30	120 / 1

- REQUIRED GAS PRESSURE: 4.5" MIN. 14" MAX.
- USE TYPE OF PIPING RECOMMENDED BY MANUFACTURER.
- VERIFY ACCORDING TO MANUFACTURERS INSTRUCTIONS.

PLAN MARK	MANUFACTURER & MODEL	LOCATION	SIZE DIA. X L	CAP. GALL.	FILL PSIG	RELIEF PSIG	RELIEF PSI	NOTES

PLAN MARK	MANUFACTURER & MODEL	LOCATION	SIZE FT. Ø	GPM	HEAD FT.	EFFICIENCY %	MOTOR		NOTES
							HP	HP	
MP-1	BAS 60-2A	MERIO - HWS 1 R	56	6.975	170	1/4	15/1	200/3	
MP-2	BAS 60-2A	MERIO - HWS 1 R	12	25	170	1/4	15/1	200/3	
MP-3	BAS 60-2A	MERIO - HWS 2	12	25	170	1/4	15/1	200/3	

- PROVIDE SCHEDULED IMPELLER SIZE, TRIMMED/SHAVED IMPELLER IS NOT ACCEPTABLE.

PLAN MARK	AIRHEM MODEL NO.	CAP. MBH	AIR QTY. CFM	EAT. °F	ENT. °F	INLET SIZE IN. Ø	MOTOR	NOTES		
									HP	
CUH-1	AIRHEM F5025-03	28.4	350	60°	30	180°	39	1/0	15/1	2 ROM COIL
CUH-2	AIRHEM RH1500-03	28.4	350	60°	4.0	180°	39	1/0	15/1	2 ROM COIL
CUH-3	AIRHEM RH1500-06	28.4	680	60°	4.0	180°	68	1/0	15/1	2 ROM COIL
CUH-4	AIRHEM RH1500-03	28.4	350	60°	3.0	180°	39	1/0	15/1	2 ROM COIL
UH-5	AIRHEM HA25A	21.2	360	60°	2.5	180°	5	1/4	15/1	
UH-6	AIRHEM HA25A	21.2	360	60°	2.5	180°	5	1/4	15/1	

PLAN MARK	SYMBOL	MFR.	MODEL	NECK SIZE	EXHAUST / RETURN GRILLES		NOTES
					PLAN MARK	NECK SIZE	
1	⊠	CPM	24X24 PAS	SEE PLANS	⊠	TT105	24X24 PAR 14" 6
2	⊡	CPM	12X24 PAS	SEE PLANS	⊡	TT105	24X24 PAR 14" 6
3	⊢	CPM	30X30	SEE PLANS	⊢	TT105	24X24 PAR 22X22
4	⊣	BA	CPM	SEE PLANS	⊣	TT105	30X30 6" 6
5	⊤	CPM	NECK	SEE PLANS	⊤	TT105	35X35
6	⊥	CPM	NECK	SEE PLANS	⊥	TT105	12X24 PAR

- DIRECTION ARROWS ON DRAWINGS SHOW FLOW PATTERN.
- MATERIAL - SEE SPECIFICATIONS.
- CONTRACTOR TO PROVIDE REQUIRED FRAME STYLE TO ACCOMMODATE CEILING AS SHOWN ON ARCHITECTURAL DRAWINGS.
- FLEXIBLE BRANCH RUNOUT TO BE SAME SIZE AS NECK ON AIR DEVICE.
- FIELD INSTALLED ROUND DUCT ADAPTER CONNECTED TO SQUARE NECK.
- SEE DETAIL 19 ON M2.

PLAN MARK	MANUFACTURER & MODEL	SERVICE	LOCATION	SIZE IN. X H	FACE VEL. IN. / MIN	APD IN. WC	NOTES
LVR-2	RUSKIN 811	AHU-2	MERCOT	6'-0" X 5'-4"	VARIES	15	

PLAN MARK	MANUFACTURER & MODEL	LOCATION	NO. SIZE	TYPE	AIR QTY. CFM	IN. PC	IN. REFR.	HP	VOLTS/Ø	MOTOR	NOTES
AHU-2	TRANE LFC-14	MER 207-2ND FLOOR	1	B	6950	2"	3"	1100	10	208 / 3	1500

- ALL SECTIONS SHALL BE DOUBLE-WALL CONSTRUCTION.
- FAN TO BE INTERNALLY ISOLATED ON SPRINGS ISOLATORS AT 2" DEFLECTION.
- PROVIDE VFD DRIVE WITH FULL MANUAL BY-PASS.

PLAN MARK	MANUFACTURER & MODEL	LOCATION	EFF. %	AIR QTY. CFM	FACE VEL. IN. / MIN	APD IN. WC	IN. REFR.	HP	VOLTS/Ø	MOTOR	NOTES
FF-2	FARR - 50150 2"	MER 207-AHU-2	90%	6950	405	2.5	65	65	-	-	

PLAN MARK	MANUFACTURER & MODEL	LOCATION	AIR QTY. CFM	FACE VEL. IN. / MIN	APD IN. WC	IN. REFR.	HP	VOLTS/Ø	MOTOR	NOTES
AB-2	BLENDER PROD BE-15	MER 101-AHU-2	6950	25	480					

PLAN MARK	TOTAL REFRIG. COOLING MBH	REFRIG. TYPE	EAT. °F	ENT. °F	LAT. °F	SUCT. °F	NOTES	
								CC-1
CC-2	233.1	R-22	42	95	52.5	0.8	822	42"

PLAN MARK	LOCATION	MIN. MBH	AIR QTY. CFM	EAT. °F	ENT. °F	LAT. °F	SUCT. °F	NOTES		
									HC-1	MER 101-AHU-1
HC-2	MER 207-AHU-2	40.0	3275	5	40/65	12	5	140/125	1	5.6PM FRI

- INSTALL HEATING COIL PER DETAIL 6 ON M2.

PLAN MARK	MANUFACTURER & MODEL	LOCATION	SERVICE	TOTAL COOLING MBH	SAT. TEMP. °F	REFRIG. TYPE	EAT. °F	ENT. °F	LAT. °F	SUCT. °F	NOTES
CU-2	TRANE RAAC-C20	GRADE	AH-2	294	42	95	R-22	42	101	208 / 3	1750
CU-3	SANTO	1st FLR PLAN	FCH-1	12	-	95	R-22	42	115 / 1		

PLAN MARK	MANUFACTURER & MODEL	LOCATION	SERVICE	AIR QTY. CFM	APD IN. WC	SPEED DRIVE	MOTOR	NOTES			
									HP	VOLTS/Ø	MODEL
RF-1	GREENHECK VAB-30714	MER 101-AHU-1		6000	15	2408	BELT	75	208 / 3	NA	1
RF-2	GREENHECK VAB-30714	MER 207-AHU-2		6000	15	2460	BELT	75	208 / 3	NA	1
EF-1	GREENHECK BCF-10T	TOILET 12 / 1ND FLOOR		985	625	1090	BELT	1/4	120 / 1	NA	2
EF-2	GREENHECK BCF-10T	TOILET 216 / 2ND FLOOR		605	625	1100	BELT	1/4	120 / 1	NA	2
EF-3	GREENHECK BCF-10T	CORRIDOR 120 / ELEV. 20.124		600	625	1090	BELT	1/4	120 / 1	NA	2
EF-4	GREENHECK GB-090	ROOF / LOUNGE		925	625	1875	BELT	1/4	120 / 1	FF	

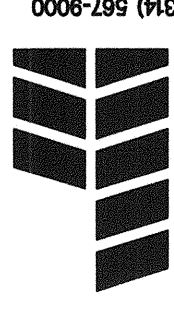
- PROVIDE VFD DRIVE WITH FULL MANUAL BY-PASS.
- MAXIMUM 75 SONES.

PLAN MARK	MANUFACTURER & MODEL	LOCATION	AIR QTY. CFM	EAT. °F	ENT. °F	LAT. °F	SUCT. °F	NOTES

- UNIT MANUFACTURER TO BE THE SAME AS CU-3.
- UNIT WITH CONDENSATE PUMP.

**EVERGREEN CREDIT UNION**

A New Building for  
Portland, Maine



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HBF Financial Facilities

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