

**NOTE:**  
1. SEE SHEET M-001 FOR LEGEND AND ABBREVIATIONS.

**REHEAT COIL SCHEDULE**

TAG	LOCATION	AIR DATA				WATER DATA				MFG SIZE HxL (IN.)	ROWS	NOTES:	
		CFM	TEMP °F ENT LVG	MAX APD (IN WC)	MIN MBH	GPM	TEMP °F ENT LVG	MAX WPD FT. HD					
HC-126	SHARED TANKS 126	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-127	SHARED TANKS 127	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-130	USM LOCOMOTION 130	750	50	90	0.34	32.5	1.6	120	80	1.2	12x18	4	
HC-132	FISH BEHAVIOR 132	1000	50	95	0.29	35.8	7.8	120	111	.66	12x20	3	
HC-134	USM LOCOMOTION 134	800	50	90	0.34	32.5	1.6	120	80	1.2	12x18	4	
HC-135	USM ANALY. 135	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-136	USM MICROBIAL 136	1000	50	95	0.29	35.8	7.8	120	111	.66	12x20	3	
HC-140	METAL ANALY. 140	250	50	95	.10	12.2	1.0	120	80	0.44	12x12	4	
HC-141	PREP. ROOM 141	250	50	95	.10	12.2	1.0	120	80	0.44	12x12	4	
HC-144	TISSUE CULTURE 144	1000	50	95	0.29	35.8	7.8	120	111	.66	12x20	3	
HC-145	MICRO PREP. 145	250	50	95	.10	12.2	1.0	120	80	0.44	12x12	4	
HC-146	FLUORES. MICROSCOPY 146	250	50	95	.10	12.2	1.0	120	80	0.44	12x12	4	
HC-154	GEAR STORAGE 154	1000	50	90	0.52	43.4	2.2	120	80	1.9	12x20	4	
HC-157	WEI. WORKSHOP 157	500	50	90	0.40	21.7	1.1	120	80	0.65	12x12	4	
HC-222	GLASS WASH 222	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-223	CORRIDOR 223	450	50	90	0.40	21.7	1.1	120	80	0.65	12x12	4	
HC-224	GM OCEAN 2 224	1100	50	95	0.29	35.8	7.8	120	111	.66	12x20	3	
HC-226	CORRIDOR 226	200	50	95	.10	12.2	1.0	120	80	0.44	12x12	4	
HC-227	CORRIDOR 227	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-228	GM OCEAN 2 228	1100	50	95	0.29	35.8	7.8	120	111	.66	12x20	3	
HC-230	GM WET LAB 230	2200	50	80	0.29	71.6	5.4	120	93.5	8.9	18x28	2	
HC-231	CORRIDOR 231	350	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-232	CORRIDOR 232	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-234	CORRIDOR 234	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-236	GM DRY LAB 236	2200	50	80	0.29	71.6	5.4	120	93.5	8.9	18x28	2	
HC-237	CORRIDOR 237	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-238	CORRIDOR 238	500	50	90	0.40	21.7	1.1	120	80	0.65	12x12	4	
HC-240	CORRIDOR 240	300	50	84.5	0.12	11.2	1.0	120	80	0.65	12x12	2	
HC-241	GM ANALY. LAB 241	1100	50	95	0.29	35.8	7.8	120	111	.66	12x20	3	
HC-242	GM WORK SPACES 242	1100	50	95	0.29	35.8	7.8	120	111	.66	12x20	3	
HC-344	SHARED WORK ROOM 344	250	50	95	.10	12.2	1.0	120	80	0.44	12x12	4	

NOTES: ①

**CABINET UNIT HEATER SCHEDULE**

TAG	LOCATION	CFM	GPM	OUTPUT MBH	EAT	LAT	HP	TYPICAL UNIT MFG & MODEL NO.	NOTES:
CUH-1	VESTIBULE C-102	270	0.6	7.05	60	128	1/15	STERLING RW-1120-03	①②
CUH-2	VESTIBULE A-120	685	0.8	14.9	60	117	1/10+ 1/15	STERLING RW-1120-08	①②
CUH-3	LOBBY B 123	675	0.8	20.7	60	139	1/10+ 1/15	STERLING RW-1120-08	①③
CUH-4	STAIR B-132	1110	1.6	35.7	60	143	1/10+ 1/10	STERLING RW-1120-14	①③
CUH-5	STAIR C-112	1110	1.6	35.7	60	143	1/10+ 1/10	STERLING RW-1120-14	①③
CUH-6, 7 & 8	CORRIDOR 345	335	1.0	13.4	60	158	1/10	STERLING RW-1120-04	①③
CUH-9	CORRIDOR 345	335	1.0	13.4	60	158	1/10	STERLING RW-1120-04	①③

NOTES: ① 120°F EWT, 40°F WTD, LOW FAN SPEED. ② STD COIL. ③ HI CAP COIL.

**AIR TERMINAL SCHEDULE**

TAG	TYPE	CFM	NECK SIZE	MAX. SP IN W.G.	MAX. NC LEVEL	MAX. NC LEVEL	NOTES:
S-1	4-WAY CEILING DIFFUSER	250	8	.05	10	KRUEGER PLQ-24x24	
S-2	4-WAY CEILING DIFFUSER	400	10	.10	19	KRUEGER PLQ-24x24	
S-3	4-WAY CEILING DIFFUSER	550	12	.11	17	KRUEGER PLQ-24x24	
S-4	4-WAY CEILING DIFFUSER	120	6	.05	<10	KRUEGER PLQ-24x24	
S-5	2-WAY CORNER CEILING DIFFUSER	375	12	.12	14	KRUEGER PLQ-24x24	
DL-1	DRUM LOUVER	500	6x18	.18	25	KRUEGER DPL	
DL-2	DRUM LOUVER	1000	12x30	.06	17	KRUEGER DPL	①
DL-3	DRUM LOUVER	670	10x20	.11	17	KRUEGER DPL	
SCD-1	2-WAY CEILING DIFFUSER	250	8	.07	28	PARALINE 2-SLOT	③
SCD-2	1-WAY CEILING DIFFUSER	250	8	.07	28	PARALINE 2-SLOT	③
SCD-3	2-WAY CEILING DIFFUSER	375	10	.06	30	PARALINE 3-SLOT	③
SG-1	WALL SUPPLY GRILLE DB4-DBFL - 10x6	250	6x10	.09	24	KRUEGER 880H	
SG-2	WALL SUPPLY GRILLE DB4-DBFL - 18x6	400	8x18	.07	14	KRUEGER 880H	
RG-1	RETURN GRILLE	500	12x12	.05	15	KRUEGER EGC-10	②
RG-2	RETURN GRILLE	300	12x12	.025	23	KRUEGER S-80	②
RG-3	RETURN GRILLE	1000	24x16	.03	12	KRUEGER EGC-10	②
RG-4	RETURN GRILLE	3000	36x24	.03	21	KRUEGER EGC-10	②
RG-5	RETURN GRILLE	3000	48x12	.05	21	KRUEGER EGC-10	②
RG-6	RETURN GRILLE	2000	24x24	.05	21	KRUEGER EGC-10	②

NOTES: ① W/OBD ② PAINT DUCT BEHIND GRILLE FLAT BLACK. ③ FACE-OPERATED BUTTERFLY DAMPER.

**VARIABLE AIR VOLUME (VAV) TERMINAL SCHEDULE**

TAG	INLET SIZE	OUTLET SIZE	CFM MAX	CFM MIN	HEATING CFM	SERVED BY AHU#	APD MAX	HOT WATER HEATING COIL				TYPICAL UNIT MFG & MODEL NO.	NOTES:	
								MBH	EAT. °F	LAT. °F	GPM 120 EWT			
VAV-104	24x16	27x18	5000	4000	4000	2	1.01	41.0	60	90	9.3	4.0	TRANE VCWF-24	
VAV-114	4"	6"	200	150	150	2	0.33	2.9	60	90	1.0	2.0	TRANE VCWF-04	
VAV-115	4"	6"	150	100	100	2	0.20	2.9	60	90	1.0	2.0	TRANE VCWF-04	
VAV-123	14"	18x18	3000	2400	2400	2	0.40	31.2	60	90	5.0	1.2	TRANE VCWF-14	
VAV-133	4"	6"	200	150	150	1	0.33	2.9	60	90	1.0	2.0	TRANE VCWF-04	
VAV-151	8"	14x12	900	700	700	1	0.45	10.7	60	90	1.0	2.0	TRANE VCWF-08	
VAV-161	6"	2x6"	450	300	300	1	0.30	5.9	60	90	2.2	11.5	TRANE VCWF-06	
VAV-203	4"	6"	200	150	150	2	0.33	2.9	60	90	1.0	2.0	TRANE VCWF-04	
VAV-204	12"	16x14	1400	1000	1000	2	0.17	23.4	60	90	5.2	1.4	TRANE VCWF-12	
VAV-215	6"	10x8	400	300	300	2	0.24	5.9	60	90	2.2	11.5	TRANE VCWF-06	
VAV-217	14"	18x18	2000	1600	1600	2	0.20	31.2	60	90	5.0	1.2	TRANE VCWF-14	
VAV-251	5"	6"	300	200	200	1	0.71	2.9	60	90	1.0	2.0	TRANE VCWF-05	
VAV-252	8"	12x12	800	600	600	1	0.39	10.7	60	90	2.6	1.8	TRANE VCWF-08	
VAV-254	8"	12x12	700	500	500	1	0.31	10.7	60	90	2.6	1.8	TRANE VCWF-08	
VAV-256	8"	12x12	700	500	500	1	0.31	10.7	60	90	2.6	1.8	TRANE VCWF-08	
VAV-258	6"	6"	400	250	250	1	0.24	5.86	60	90	2.2	11.5	TRANE VCWF-06	
VAV-280	8"	12x10	600	500	500	1	0.23	10.7	60	90	2.6	1.8	TRANE VCWF-08	
VAV-304	8"	2x8"	600	500	500	2	0.23	10.7	60	90	2.6	1.8	TRANE VCWF-08	
VAV-305	12"	16x14	1500	1200	1200	2	0.19	23.4	60	90	5.2	1.4	TRANE VCWF-12	
VAV-306	6"	6"	400	300	300	2	0.24	5.9	60	90	2.2	11.5	TRANE VCWF-06	
VAV-317	6"	10x8	450	300	300	2	0.30	5.9	60	90	2.2	11.5	TRANE VCWF-06	
VAV-322	10"	14x12	1000	800	800	2	0.21	16.6	60	90	3.9	0.8	TRANE VCWF-10	
VAV-325	14"	12x16	2000	1600	1600	2	0.20	31.2	60	90	5.0	1.2	TRANE VCWF-08	
VAV-330	5"	6"	300	200	200	1	0.71	2.9	60	90	1.0	2.0	TRANE VCWF-05	
VAV-332	4"	10x8	250	150	150	1	0.50	2.9	60	90	1.0	2.0	TRANE VCWF-04	
VAV-334	6"	10x8	400	300	300	1	0.24	5.9	60	90	2.2	11.5	TRANE VCWF-06	
VAV-335N	8"	12x12	750	550	550	1	0.35	10.7	60	90	2.63	1.8	TRANE VCWF-08	
VAV-335S	8"	12x12	750	550	550	1	0.35	10.7	60	90	2.63	1.8	TRANE VCWF-08	
VAV-336	6"	2x6"	400	250	250	1	0.24	5.86	60	90	2.2	11.5	TRANE VCWF-06	
VAV-338	6"	6"	400	250	250	1	0.24	5.86	60	90	2.2	11.5	TRANE VCWF-06	
VAV-340	8"	14"	800	600	600	1	0.39	10.7	60	90	2.6	1.8	TRANE VCWF-08	
VAV-346	4"	6"	250	150	150	1	0.50	2.9	60	90	1.0	2.0	TRANE VCWF-04	
VAV-347	6"	6"	400	250	250	1	0.24	5.86	60	90	2.2	11.5	TRANE VCWF-06	
VAV-352	6"	2x6"	400	250	250	1	0.24	5.86	60	90	2.2	11.5	TRANE VCWF-06	
VAV-355	5"	6"	300	200	200	1	0.71	2.9	60	90	1.0	2.0	TRANE VCWF-05	
VAV-356N	4"	6"	250	150	150	1	0.50	2.9	60	90	1.0	2.0	TRANE VCWF-04	
VAV-356S	6"	2x6"	500	300	300	1	0.36	5.86	60	90	2.2	11.5	TRANE VCWF-06	
VAV-357	5"	6"	300	200	200	1	0.71	2.9	60	90	1.0	2.0	TRANE VCWF-05	
VAV-359	6"	2x6"	400	250	250	1	0.24	5.86	60	90	2.2	11.5	TRANE VCWF-06	

NOTES: ①

**AIR COMPRESSOR SCHEDULE**

TAG	DESCRIPTION	RATING		WEIGHT (LBS)	ELECTRICAL				TYPICAL UNIT MFG & MODEL NO.	NOTES:
		FLOW (ACFM)	PRESSURE (PSIG)		HP	RPM	VOLTS/Ø	HZ		
AC-1	AIR COMPRESSOR	14.7	100	545	5	-	460/3	60	POWEREX SFS-0502	①

NOTES: ① AIR COMPRESSOR TO HAVE INTEGRAL REFRIGERATIVE AIR DRYER

**AIR COOLED CONDENSING UNIT**

TAG	LOCATION	SERVICE	MBH
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