

RADIATOR SCHEDULE (BASED ON STELRAD)											
STELRAD UIN	RADIATOR REFERENCE	ROOM TYPOLOGY	ROOM REFERENCE	ROOM HEATING LOAD	RADIATOR HEAT OUTPUT (kW)	NUMBER OF RADIATORS	COLOUR	DIMENSIONS HxL (mm)	ELECTRIC SUPPLY (v/Hz)	RATED CURRENT (A)	REMARKS
BASEMENT											
E014-0600-0830	RAD-B01	Hotel Room	B14	1.02	1.5	1	White	600x830	230/50	6.5	Refer to layouts for further details
E014-0600-0830	RAD-B02	Hotel Room	B19	1.12	1.5	1	White	600x830	230/50	6.5	
E014-0600-0830	RAD-B03	Hotel Room	B20	1.34	1.5	1	White	600x830	230/50	6.5	
E014-0600-0550	RAD-B04	Hotel Room	B21	0.86	1	1	White	600x550	230/50	4.3	
E014-0600-0470	RAD-B05	Hotel Room	B23	0.50	0.7	1	White	600x470	230/50	3	
E014-0600-0550	RAD-B06	Hotel Room	B25	0.72	1	1	White	600x550	230/50	4.3	
E014-0600-0470	RAD-B07	Hotel Room	B26	0.66	0.7	1	White	600x470	230/50	3	
E014-0600-0550	RAD-B08	Hotel Room	B27	0.76	1	1	White	600x550	230/50	4.3	
E014-0600-0550	RAD-B09	Hotel Room	B34	0.88	1	1	White	600x550	230/50	4.3	
E014-0600-0470	RAD-B10	Corridor	B17		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-B11	Corridor	B22		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-B12	Corridor	B24		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-B13	Corridor	B30		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-B14	Stair	B01		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-B15	Stair	B02		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-B16	Staff Breakout	B33		0.7	1	White	600x470	230/50	3	
GROUND FLOOR											
E014-0600-0830	RAD-G01	Hotel Room	G15	1.34	1.5	1	White	600x830	230/50	6.5	Refer to layouts for further details
E014-0600-0830	RAD-G02	Hotel Room	G18	1.07	1.5	1	White	600x830	230/50	6.5	
E014-0600-0470	RAD-G03	Hotel Room	G21	0.40	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G04	Hotel Room	G22	0.62	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G05	Hotel Room	G24	0.57	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G06	Hotel Room	G25	0.70	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G07	Hotel Room	G29	0.52	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G08	Corridor	G17/G20		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G09	Corridor	G23		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G10	Stair	G01		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G11	Stair	G02		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-G12	Stair	G03		0.7	1	White	600x470	230/50	3	
FIRST FLOOR											
E014-0600-0830	RAD-101	Hotel Room	114	1.05	1.5	1	White	600x830	230/50	6.5	Refer to layouts for further details
E014-0600-0550	RAD-102	Hotel Room	115	0.76	1	1	White	600x550	230/50	4.3	
E014-0600-0830	RAD-103	Hotel Room	116	1.19	1.5	1	White	600x830	230/50	6.5	
E014-0600-0550	RAD-104	Hotel Room	117	0.90	1	1	White	600x550	230/50	4.3	
E014-0600-0550	RAD-105	Hotel Room	118	0.86	1	1	White	600x550	230/50	4.3	
E014-0600-0470	RAD-106	Hotel Room	120	0.32	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-107	Hotel Room	121	0.43	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-108	Hotel Room	122	0.66	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-109	Hotel Room	123	0.68	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-110	Hotel Room	125	0.57	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-111	Hotel Room	126	0.63	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-112	Hotel Room	127	0.63	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-113	Hotel Room	128	0.68	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-114	Hotel Room	129	0.68	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-115	Hotel Room	130	0.45	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-116	Hotel Room	131	0.37	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-117	Corridor	113		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-118	Stair	101		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-119	Stair	102		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-120	Stair	103		0.7	1	White	600x470	230/50	3	
SECOND FLOOR											
E014-0600-0550	RAD-201	Hotel Room	214	0.89	1	1	White	600x550	230/50	4.3	Refer to layouts for further details
E014-0600-0470	RAD-202	Hotel Room	215	0.66	0.7	1	White	600x470	230/50	3	
E014-0600-0830	RAD-203	Hotel Room	216	1.03	1.5	1	White	600x830	230/50	6.5	
E014-0600-0830	RAD-204	Hotel Room	217	1.14	1.5	1	White	600x830	230/50	6.5	
E014-0600-0470	RAD-205	Hotel Room	218	0.68	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-206	Hotel Room	221	0.58	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-207	Hotel Room	222	0.39	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-208	Hotel Room	223	0.66	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-209	Hotel Room	224	0.67	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-210	Hotel Room	227	0.38	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-211	Hotel Room	228	0.45	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-212	Hotel Room	229	0.48	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-213	Hotel Room	230	0.52	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-214	Hotel Room	231	0.52	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-215	Hotel Room	232	0.44	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-216	Hotel Room	233	0.34	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-217	Stair	201		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-218	Stair	202		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-219	Stair	203		0.7	1	White	600x470	230/50	3	
THIRD FLOOR											
E014-0600-0550	RAD-301	Hotel Room	314	0.89	1	1	White	600x550	230/50	4.3	Refer to layouts for further details
E014-0600-0470	RAD-302	Hotel Room	315	0.67	0.7	1	White	600x470	230/50	3	
E014-0600-0550	RAD-303	Hotel Room	316	1.00	1	1	White	600x550	230/50	4.3	
E014-0600-0830	RAD-304	Hotel Room	318	1.00	1.5	1	White	600x830	230/50	6.5	
E014-0600-0470	RAD-305	Hotel Room	319	0.64	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-306	Hotel Room	322	0.66	0.7	1	White	600x470	230/50	3	
E014-0600-0550	RAD-307	Hotel Room	323	0.71	1	1	White	600x550	230/50	4.3	
E014-0600-0550	RAD-308	Hotel Room	324	0.91	1	1	White	600x550	230/50	4.3	
E014-0600-0470	RAD-309	Hotel Room	325	0.51	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-310	Hotel Room	326	0.51	0.7	1	White	600x470	230/50	3	
E014-0600-0550	RAD-311	Hotel Room	327	0.95	1	1	White	600x550	230/50	4.3	
E014-0600-0550	RAD-312	Hotel Room	328	0.92	1	1	White	600x550	230/50	4.3	
E014-0600-0470	RAD-313	Hotel Room	329	0.41	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-314	Stair	301		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-315	Stair	302		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-316	Stair	303		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-317	Corridor	320		0.7	1	White	600x470	230/50	3	
FOURTH FLOOR											
E014-0600-0470	RAD-401	Hotel Room	414	0.46	0.7	1	White	600x470	230/50	3	Refer to layouts for further details
E014-0600-0550	RAD-402	Hotel Room	415	0.77	1	1	White	600x550	230/50	4.3	
E014-0600-0470	RAD-403	Hotel Room	416	0.58	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-404	Hotel Room	417	0.70	0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-405	Stair	401		0.7	1	White	600x470	230/50	3	
E014-0600-0470	RAD-406	Corridor	413		0.7	1	White	600x470	230/50	3	

AHU DX COIL SCHEDULE (BASED ON HC COILS)											
UNIT REFERENCE	MODEL	LOCATION	SPECIFIC VOLUME (m³/s)	COOLING COIL ON/OFF AIR TEMP (DB)	COOLING COIL ON/OFF AIR TEMP (WB)	ON/OFF RELATIVE HUMIDITY (%)	COOLING LOAD - TOTAL (kW)	EVAPORATING (DEW) TEMP (°C)	DIMENSIONS HxLxD (mm)	REFRIGERANT	REMARKS
DX COIL AHU-01	DX Evaporator Coil	First Floor Plant	1.1	30/18	21/15.8	44.8/80.4	21.4 (Refer To Condenser Schedule for further details)	6	740x940x200	R32	DX Evaporator Coil paired with Condenser for Cooling
DX COIL AHU-02	DX Evaporator Coil	Roof Plant	1.1	30/18	21/15.8	44.8/80.4	21.4 (Refer To Condenser Schedule for further details)	6	740x940x200	R32	DX Evaporator Coil paired with Condenser for Cooling

FAN SCHEDULE (BASED ON HELIOS)																
UNIT REFERENCE	MODEL	SYSTEM	LOCATION	FAN SIZE (mm)	MAXIMUM AIRFLOW TEMP (°C)	WEIGHT (kg)	FLOW RATE FREE BLOWING (m³/h)	REQUIRED DUTY (L/s)	RATED SPEED (min⁻¹)	VOLTAGE (V)	CURRENT CONSUMPTION (A)	SFP (kW/m³/s)	POWER (kW)	POWER CONSUMPTION (kW)	ELECTRICAL SUPPLY (v/ph/Hz)	REMARKS
EAF-01	Multivent In-Line Mixed Flow Fan MV EC 200	Extract	Refuse Store Ground Floor	200	50	2.5	1100	190	3000	10	0.8	0.29	0.089	0.09	230/1/50-60	
EAF-02	Multivent In-Line Mixed Flow Fan MV EC 200	Extract	Bike Store and Circulation Ground Floor	200	50	2.5	1100	30	3000	10	0.8	0.29	0.089	0.09	230/1/50-60	

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