

Heat Emitter Schedule

Project: **UoW - Technium 1**
 Document no. **UW396-GED-T1-ZZ-SH-M-0002**
 Date: 18/03/2026
 Heating Plant: ASHP
 Issue: P01
 Issue Notes:



Heat Loss					Existing Heat Emitters								New Heat Emitters										
Room Ref. No.	Rad Ref.	Room Design Temp	Calculated Room Heat Loss [W]	Room Heat Loss With Safety Factor [W]	Existing Heat Emitter Type	Length [mm]	Height [mm]	Pipe Connections (Radiators Only)	Low Surface Temperature	Heat Output @ dT50K [W]	Heat Output @ Design dT [W]	Total Room Heat Output @ Design dT [W]	New Heat Emitter Type	New Length [mm] or Product Code	New Height [mm]	Pipe Connections (Radiators Only)	Low Surface Temperature	New Heat Output @ dT50K [W]	New Heat Output @ Design dT [W]	Heat emitter Status	New Total Room Heat Output @ Design dT [W]		
GF Kitchen	GF/R01	19°C	160	176	22	640	680	TBOE	No	1,262	529	529						TBOE	No	529	Remain	529	
Reception	GF/R02	19°C	3120	3,432	22	1800	500	TBOE	No	2,609	1,093	1093						TBOE	No	1,093	Remain	1093	
GF Stair Lobby	GF/R03	19°C	380	418	11	950	500	TBOE	No	748	313	313	21	1000	450			TBOE	No	1108	464	Replace	464
GF Dis WC	GF/R04	19°C	30	33	11	450	550	TBOE	No	390	163	163						TBOE	No	163	Remain	163	
GF Male WC	GF/R05	19°C	330	363	21	500	600	TBOE	No	662	277	277	22	500	600			TBOE	No	909	381	Replace	381
GF Female WC	GF/R06	19°C	300	330	22	500	600	TBOE	No	870	364	364						TBOE	No	364	Remain	364	
1F Stair Lobby	1F/R07	19°C	600	660	22	500	600	TBOE	No	870	364	364	33	700	600			TBOE	No	1756	736	Replace	736
1F Male WC	1F/R08	19°C	470	517	11	1450	530	TBOE	No	1,210	507	507	21	1400	600			TBOE	No	1979	829	Replace	829
1F Female WC	1F/R09	19°C	440	484	22	1450	530	TBOE	No	2,228	934	934						TBOE	No	934	Remain	934	
1F Kitchen	1F/R10	19°C	250	275	11	1550	500	TBOE	No	1,220	511	511						TBOE	No	511	Remain	511	
1F East Wing Balcony	1F/R11	19°C	1230	1,353	11	540	700	TBOE	No	595	249	249	33	1200	700			TBOE	No	3417	1,432	Replace	1,432
1F East Wing Void	1F/R12	19°C	6010	6,611	21	1400	450	TBOE	No	1,391	583	583	33	1400	500			TBOE	No	3022	1,266	Replace	1,266
1F Main Corridor	1F/R13	19°C	1020	1,122	11	1750	700	TBOE	No	1,929	808	1617						TBOE	No	808	Remain	1617	
1F Main Corridor	1F/R14	19°C			11	1750	700	TBOE	No	1,929	808							TBOE	No	808	Remain		
1F West Wing Balcony	1F/R15	19°C	880	968	22	440	540	TBOE	No	689	289	289	33	1200	500			TBOE	No	2590	1,086	Replace	1,086
1F West Wing Void	1F/R16	19°C	3700	4,070	22	1000	450	TBOE	No	1,305	547	547	33	1000	500			TBOE	No	2159	905	Replace	905

Notes
 Unable to survey second floor radiators due to floor being unaccessible
 Undersized reception radiator GFR02 to remain in place due to underfloor heating in area providing majority of heating
 Existing radiator nominal outputs have been taken from typical values for each radiator type. These values are indicative and may vary from actual heat output.
 Radiators highlighted in grey are to be replaced/added.
 Total heat output* in orange texts suggest that the total heat output for all existing radiators in the room is lower than the room heat loss inc. safety factor.
 Total heat output* in red texts suggest that the total heat output for all existing radiators in the room is lower than the room heat loss exc. safety factor.
 Proposed radiators are Stelrad
 Proposed Fan Convectors are Myson Fan Convectors
 All radiators to be rebalanced following commissioning
 All radiators to have TRVs added if not already in place

Key: R - Radiator
 FC - Fan Convactor
 FCU - Fan Coil Unit
 UH - Unit Heater