

Portico Library

Architect: Purcell
Issue Status: **S4 – Suitable for Stage Approval**

TABLE 1 - FAN COIL UNIT SCHEDULE

REF	DESCRIPTION	LOCATION	MANUFACTURER MODEL CATALOGUE REF (Note 1)	IMAGE	HEATING OUTPUT FLOW/RETURN (°C) ROOM TEMP (°C)	COOLING OUTPUT FLOW/RETURN (°C) ROOM TEMP (°C)	DIMENSIONS (LxDxH) mm	NOISE LEVEL (NR)	SFP (W/l/s) Flow (l/s) Ex Resistance (Pa) Speed Setting	CONNECTIONS
FCU.01	Ceiling cassette – heating and cooling	Collection workshop	Biddle Cooling Circle ₂ Cassette CC60-H1C2		0.65 kW 45/40 20	Total: 1.39 Sensible: 1.09 7/12 23	800 x 620 x 300	NR30	0.11 W/l/s 30 Pa	
FCU.02	Ducted ceiling unit– heating only	Staff office	Biddle ProAir 270-122		3.57 kW 45/40 21	N/A	1232 x 946 x 270	NR30	0.5 W/l/s 266 l/s	
FCU.03	Floor standing unit - heating and cooling	Mounted in the bases of the hollow columns on the ground floor main room	TBC at Stage 4		2.1 kW 45/40 21		Max 580 x 580 x 820			
FCU.04	Wall mounted unit - heating and cooling	Mounted within the storage cupboard and joinery in the back room of the ground floor	Quartz TPZ47		2.7 kW 45/40 20	Total: 1.82 kW Sensible: 1.53 kW 7/12 23	1022 X 220 X 460	NR30	0.17 W/l/s 109 l/s	

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FCU.05	Wall mounted unit - heating and cooling	Mounted within the joinery on the first floor in the main room	Quartz TPZ77		4 kW 45/40 20	Total: 2.38 kW Sensible: 2.05 7/12 23	1222 x 220 x 565	NR30	0.17 W/l/s 155 l/s	
FCU.06	Wall mounted unit - heating and cooling	Mounted within the joinery on the first floor in the reading room	Quartz TPZ47		1.8 kW 45/40 20	Total: 1.2 kW Sensible: 1.0 kW 7/12 23	1022 x 220 x 460	NR30	0.12 W/l/s 70 l/s	

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TABLE 2 – UNDERFLOOR HEATING SCHEDULE

REF	DESCRIPTION	MANUFACTURER & REFERENCE	DUTY / CAPACITY	LOCATION	TECHNICAL DETAILS/ NOTES	IMAGES
UFH.01	Radiant dry floor system	Giacomini Kilma Dry	45 W/m ²	First floor and ground floor vestibule	Design to be done by a specialist contractor	

TABLE 3 – RADIANT PANEL SCHEDULE

REF	DESCRIPTION	MANUFACTURER & REF (NOTE 1)	IMAGE	CORRECTED OUTPUT (W)	DIMENSIONS LxHxD (mm)	APPROX. DRY WEIGHT (kg)	COLOUR & FINISH	NOTES / MOUNTING DETAILS / BRACKETS
RP.01	Direct Electric Radiant Panel	Frenger Modula 0.6m HP		87	600 x 600 x 45	less than 21kg/m2	Architect to specify	
RP.02	Direct Electric Radiant Panel	Frenger Modula 1.2m HP		171	1200 x 600 x 45	less than 21kg/m2	Architect to specify	

Heat Emitter Schedule
Dwg #: 07590-XX-XX-SH-M-10001 Rev P01

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TABLE 3 – RADIATOR SCHEDULE

REF	DESCRIPTION / TYPE	MANUFACTURER & REFERENCE	DUTY / CAPACITY	LOCATION	DIMENSIONS LxHxD (mm)	TECHNICAL DETAILS/ NOTES	COLOUR & FINISH	IMAGES
RAD.01	Steel Radiator	Stelrad Classic Compact K2 962211h	770W at dT = 25°C (1905W at dT = 50°C)	Basement quiet room	600 x 1100 x 100	Flow/return temperature: 45/40 °C Surface mounted	Architect to specify	

TABLE 4 – CLOSE CONDITIONING UNIT SCHEDULE

REF	DESCRIPTION	MANUFACTURER & REFERENCE	DIMENSIONS LxHxD (mm)	LOCATION	TECHNICAL DETAILS/ NOTES	IMAGES
CCU.01	Close Conditioning Unit	Marstair CC3-008	1230 x 1165 x 430	Basement archive	TBC at Stage 4	

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Notes

- 1. Contractor to ensure that the catalogue number is consistent with the description prior to order.
- 2. This schedule is to be read in conjunction with MFLLP specification.

Rev	Date	Status	Description	Engineer	Project Leader
P01	09/07/2025	S4	Suitable for Stage Approval	JA	IS