



LBG Horsham
Mechanical Equipment Schedule

PROJECT NUMBER	CPL-521
PROJECT NAME	LBG Horsham
CLIENT	
DATE	12/02/2026
Revision	P02

AHU SCHEDULE

REF	Location Of Unit	Manufacturer	Model	Weight (kg)	Duty		Dimensions (WxLxD)	Comments
					Supply (l/s)	Extract (l/s)		
AHU/RF/01	Roof Plant Room	Swegon	GOLD F RX Top/L	803	1,403	1,206	1400 x 2863 x 1727	EPSILON Sky Hi R7 18 Heatpump located outside of the Plant Room. IG Navigator (7" Touch Screen) controller for local control c/w BACnet points to link to BMS. AHU to be ordered to 'flat pack and rebuild'. Largest components: Thermal Wheel 1250mm Dia x 250mm, 56kg Fan 503mm x 570mm, 33kg

ATTENUATOR SCHEDULE

REF	Location Of Unit	Manufacturer	l/s	Size			Pressure Loss (Pa)	Comments
				LENGTH	WIDTH	HEIGHT		
ATT/RF/01	AHU Air Intake	Allaway Acoustics	1,403	900	1,000	400	30	To be installed vertically on top AHU connections. Ductwork size 1000x400
ATT/RF/02	AHU Exhaust	Allaway Acoustics	1,206	900	1,000	400	30	To be installed vertically on top AHU connections. Ductwork size 1000x400
ATT/RF/03	AHU Extract	Allaway Acoustics	1,403	900	1,000	400	30	Ductwork Size 1000x400. TBC following ductwork validation, visual survey indicates potential vertical attenuator in riser that can be reused.
ATT/RF/04	AHU Supply	Allaway Acoustics	1,206	900	1,000	400	30	

FCU SCHEDULE

REF	Location	Manufacturer	Model	Weight (kg)	Capacity		Dimensions (WxHxD)	Fuse Rating (BS88) - HRC (A)	Comments
					Cooling (kw)	Heating (kw)			
ACG/01	Lobby	Daikin	FXFA32A	18	3.0	4.0	840 x 204 x 840		
ACG/02	Waiting	Daikin	FXFA32A	18	3.0	4.0	840 x 204 x 840		
ACG/03	Lobby	Daikin	FXFA32A	18	3.0	4.0	840 x 204 x 840		
ACG/04	Welcome	Daikin	FXFA32A	18	3.0	4.0	840 x 204 x 840		
ACG/05	Meeting Room 01	Daikin	FXAA15A	12	1.4	1.9	795 x 290 x 266		
ACG/06	ATM Room	Daikin	FXAA15A	12	1.4	1.9	795 x 290 x 266		
CON/G/01	Roof External Plant Deck	Daikin	REYA8A9	213	14.8	19.8	930 x 1,685 x 765		
BS/G/01	Ground Floor Open Plan	Daikin	BS8A14AV1B9	65			1,000 x 291 x 845		
AC1/01	Waiting	Daikin	FXFA40A	19	3.7	5	840 x 204 x 840		
AC1/02	Waiting	Daikin	FXFA40A	19	3.7	5	840 x 204 x 840		
AC1/03	Waiting	Daikin	FXFA40A	19	3.7	5	840 x 204 x 840		
AC1/04	Cashiers	Daikin	FXFA32A	18	3	4	840 x 204 x 840		
AC1/05	Admin	Daikin	FXFA32A	18	3	4	840 x 204 x 840		
AC1/06	Admin	Daikin	FXFA32A	18	3	4	840 x 204 x 840		
AC1/07	Meeting Room 08	Daikin	FXFA25A	18	2.4	3.2	840 x 204 x 840		
AC1/08	Meeting Room 09	Daikin	FXFA20A	18	1.8	2.5	840 x 204 x 840		
AC1/09	Meeting Room 10	Daikin	FXFA20A	18	1.8	2.5	840 x 204 x 840		
AC1/10	Meeting Room 11	Daikin	FXFA20A	18	1.8	2.5	840 x 204 x 840		
CON/01/01	Roof External Plant Deck	Daikin	REYA10A9	213	27.9	37.7	930 x 1,685 x 765		
BS/01/01	First Floor Open Plan	Daikin	BS12A14AV1B9	89			1,400 x 291 x 845		
AC2/01	Open Plan	Daikin	FXAA15A	12	1.4	1.9	575 x 260 x 575		
AC2/02	Comms	Daikin	FXAA40A	15	3.6	5	575 x 260 x 575		
AC2/03	Open Plan Office	Daikin	FXFA63A	21	5.8	8	795 x 260 x 795		
AC2/04	Open Plan Office	Daikin	FXFA40A	19	3.7	5	795 x 260 x 795		
AC2/05	Open Plan Office	Daikin	FXFA32A	18	3	4	795 x 260 x 795		
AC2/06	Open Plan Office	Daikin	FXFA25A	18	2.4	3.2	795 x 260 x 795		
AC2/07	Open Plan Office	Daikin	FXFA32A	18	3	4	795 x 260 x 795		

CON/02/01	Roof External Plant Deck	Daikin	REYA10A9	213	27.9	37.7	930 x 1,685 x 765		
BS/02/01	Second Floor Open Plan	Daikin	BS10A14AV1B9	83			1,400 x 291 x 845		
ACB/01	Basement Comms Room	Daikin	FTXM35A	11.5	2.52	4.0	804 x 298 x 252		
CON/B/01	Roof External Plant Deck	Daikin	RZAG35B	52	2.52	4.0	870 x 734 x 373		
ACB/02	Basement Lift Motor Room	Daikin	FTXM35A	11.5	2.52	4.0	804 x 298 x 252		
CON/B/02	Roof External Plant Deck	Daikin	RZAG35B	52	2.52	4.0	870 x 734 x 373		
									New local controllers for meeting rooms. Intelligent touch manager controller per floor linked to BMS Via BACNet capabilities.

CONDENSATE PUMP SCHEDULE									
REF	Location Of Unit	Manufacturer	Model	Duty	Power Supply	Inlet/Outlet Connections	Dimensions (WxDxH)	Comments	
				Max Flowrate (l/h)					
ACB/01	Basement Comms Room	Blue Diamond	Maxi Blue	14	240 V, 50Hz	8mm/8mm	157 x 58 x 67		
ACB/02	Basement Lift Motor Room	Blue Diamond	Maxi Blue	14	240 V, 50Hz	8mm/8mm	157 x 58 x 67		
ACG/05	Meeting Room 01	Blue Diamond	Maxi Blue	14	240 V, 50Hz	8mm/8mm	157 x 58 x 67		
ACG/06	ATM Room	Blue Diamond	Maxi Blue	14	240 V, 50Hz	8mm/8mm	157 x 58 x 67		
AC2/01	Meeting Room	Blue Diamond	Maxi Blue	14	240 V, 50Hz	8mm/8mm	157 x 58 x 67		
AC2/02	Comms Room	Blue Diamond	Maxi Blue	14	240 V, 50Hz	8mm/8mm	157 x 58 x 67		
PANEL HEATER SCHEDULE									
REF	Location	Manufacturer	Model	Output required Kw	Radiator Output Kw	Height x Width x Depth (mm)	Weight (kg)	Comments	
EPH0/01	Stair Core	Dimplex	DTD4R 10	1	1	400x725x90	5	Inbuilt Wifi connectivity to allow integration with BMS.	
EPH1/01	Meeting Room 05	Dimplex	DTD4R 10	0.96	1.00	400x725x90	5.0		
EPH1/02	Meeting Room 06	Dimplex	DTD4R 07	0.68	0.75	400x625x90	4.2		
EPH1/03	Meeting Room 07	Dimplex	DTD4R 07	0.74	0.75	400x625x90	4.2		
EPH1/04	Meeting Room 04	Dimplex	DTD4R 07	0.62	0.75	400x625x90	4.2		
EPH1/05	Meeting Room 12	Dimplex	DTD4R 10	0.92	1.00	400x725x90	5.0		
EPH1/06	Meeting Room 13	Dimplex	DTD4R 15	1.21	1.5	400x1025x90	5.8		
EPH1/07	Meeting Room 14	Dimplex	DTD4R 05	0.3	0.5	400x525x90	3.6		
EPH1/08	Stair Core	Dimplex	DTD4R 10	1	1	400x725x90	5.0		
EPH2/01	Staffroom	Dimplex	DTD4R 10	1.0	1.00	400x725x90	5.0		
EPH2/02	Staffroom	Dimplex	DTD4R 10	1.0	1.00	400x725x90	5.0		
EPH2/03	Corridor	Dimplex	DTD4R 05	0.5	0.5	400x525x90	3.6		
EPH2/04	Corridor	Dimplex	DTD4R 05	0.5	0.5	400x525x90	3.6		
EPH2/05	Female Toilet	Dimplex	DTD4R 15	1.3	1.5	400x1025x90	5.8		
EPH2/06	Male Toilet	Dimplex	DTD4R 15	1.43	1.5	400x1025x90	5.8		
EPH2/07	Stair Core	Dimplex	DTD4R 10	1.0	1.00	400x725x90	5.0		
OVERDOOR HEATER SCHEDULE									
REF	Location	Manufacturer	Model	Airflow (m³/h)	Noise Level (@3m) dB(A)	Length x Height x Depth (mm)	Weight (kg)	Comments	
ODH 01	Main Entrance	Thermoscreens	Recessed Ambient T Series T1000AR	2,000.00	54.00	1150 x 296 x 436	27.00	Complete with 3 speed controller, and to be installed with timeclock controller via volt free contact. Linked to BMS.	
EXTRACT FAN SCHEDULE									
REF	Location	Manufacturer	Model	Airflow (l/s)	Noise Level (@3m) dB(A)	Height x Width x Depth (mm)	Weight (kg)	Comments	
EF2/01	2nd Floor WC's	Systemair	K 200 EC Sileo	70	13	336x376x205	3.7	Linked to BMS. Controlled between 1-10 volts.	

