

44758 - AP Watches Manchester - Grille Schedule			
Grille Ref	Manufacturer	Product Reference	Air Volume Per Grille (l/s)
Supply Grille			
SG- 01	Waterloo	FL-15 - 1.2m	125
SG-02	Waterloo	FL-15 - 1.2m	125
SG- 03	Waterloo	FL10 - 1.2m	87.5
SG- 04	Waterloo	FL10 - 1.2m	87.5
SG- 05	Waterloo	FL10 - 1.2m	87.5
SG- 06	Waterloo	FL10 - 1.2m	87.5
SG- 07	Waterloo	FL10 - 1.2m	63
SG- 08	Waterloo	FL-15 - 1.2m	127
SG- 09	Waterloo	FL10 - 1.2m	63
SG- 10	Waterloo	FL10 - 1.2m	70
SG- 11	Waterloo	FL10 - 1.2m	70
SG- 12	Waterloo	FL10 - 1.2m	70
SG- 13	Waterloo	FL10 - 1.2m	70
SG- 14	Waterloo	FL10 - 1.2m	70
SG- 15	Waterloo	FL10 - 1.2m	77
SG- 16	Waterloo	FL10 - 1.2m	77
SG- 17	Waterloo	FL10 - 1.2m	77
SG- 18	Waterloo	FL10 - 1.2m	77
SG- 19	Waterloo	FL10 - 1.2m	77
SG- 20	Waterloo	FL10 - 2.4m	145
SG- 22	Waterloo	FL10 - 1.2m	70
SG- 23	Waterloo	FL10 - 2.4m	153
SG- 24	Waterloo	FL10 - 2.4m	153
SG- 25	Waterloo	KITE - 200-600	73
SG- 26	Waterloo	KITE - 125-600	36
Return Grille			
RG-01	Waterloo	FL10 - 2.4m	175
RG-02	Waterloo	FL10 - 2.4m	175
RG-03	Waterloo	FL15 - 2.4m	254
RG-04	Waterloo	FL15 - 2.4m	250
RG-05	Waterloo	FL10 - 2.4m	175
RG-06	Waterloo	FL10 - 2.4m	175
RG-07	Waterloo	FL10 - 2.4m	193
RG-08	Waterloo	FL10 - 2.4m	193
RG-09	Waterloo	FL10 - 3.6m	376
RG-10	Waterloo	KITE - 125-600	40
RG-11	Waterloo	KITE - 125-600	35
RG-12	Waterloo	KITE - 125-600	36
RG-13	Waterloo	FL10 - 1.2m	70
Extract Grille			
EG-01	Waterloo	FL10 - 0.6m	15
EG-02	Waterloo	FL10 - 0.6m	15
EG-03	Waterloo	Pelican 160-600	30
EG-04	Waterloo	FL10 - 0.6m	15
EG-05	Waterloo	FL10 - 0.6m	15
EG-06	Waterloo	KITE - 125-600	30
EG-07	Waterloo	FL10 - 0.6m	15
EG-08	Waterloo	FL10 - 0.6m	15
EG-09	Waterloo	Pelican 160-600	15
Notes			
1. Final colour to be confirmed by architect prior to order			

44758 - AP Watches Manchester - Fan Coil Unit Schedule					
Ref	Manufacturer	Model	Capacity		Dimensions (mm) Width x Depth x Height
			UK Total Cooling (kW)	UK Heating (kW)	
FCU01	Daikin	FXSQ63A	6.2	8	1000 x 800 x 245
FCU02	Daikin	FXSQ50A	4.9	6.3	700 x 800 x 245
FCU03	Daikin	FXSQ40A	3.9	5	700 x 800 x 245
FCU04	Daikin	FXSQ63A	6.2	8	1000 x 800 x 245
FCU05	Daikin	FXSQ80A	7.8	10	1000 x 800 x 245
FCU06	Daikin	FTXM35R	3.32	4	778 x 272 x 295
FCU07	Daikin	FXFQ32B	3.2	4	840 x 840 x 204
FCU08	Daikin	FXAQ15A	1.5	1.9	795 x 266 x 290
FCU09	Daikin	FXFQ20B	2	2.5	840 x 840 x 204
FCU10	Daikin	FXSQ80A	7.8	10	1000 x 800 x 245
FCU11	Daikin	FXSQ15A	1.5	1.9	550 x 800 x 245
FCU12	Daikin	FXAQ15A	1.5	1.9	795 x 266 x 290
Notes:					
1. Access for maintenance shall be as per manufacturers recommendations.					
2. FCUs system controllers to be located at the back of house and to be confirmed by the architect.					
3. Daikin discreet button type room mounted temperature sensors to be installed in location to be confirmed by the architect					
4. System to be interlocked with fire alarm system to shut down on activation of the alarm.					
5. Final handing of each FCU to be confirmed with Mitsubishi prior to order.					

44758 - AP Watches Manchester - Electrical Water Heater							
Ref	Location	Manufacturer	Model	Type	Capacity (Litres)	Dimensions (mm) Width x Depth x Height	Element rating (kW)
WH-01	Ground Floor	Heatrae Sadia	Multipoint 30	Unvented	30	371 x 357 x 722	3
WH-02	1st Floor	Heatrae Sadia	Multipoint 50	Unvented	50	371 x 357 x 1007	3
WH-03	1st Floor	Heatrae Sadia	Multipoint 15	Unvented	15	267 x 252 x 728	3
WH-04	1st Floor	Heatrae Sadia	Multipoint 15	Unvented	15	267 x 252 x 728	3
WH-05	2nd floor	Heatrae Sadia	Multipoint 30	Unvented	30	371 x 357 x 722	3
WH-06	2nd floor	Heatrae Sadia	Multipoint 15	Unvented	15	267 x 252 x 728	3
Notes:							
1. Access for maintenance shall be as per manufacturers recommendations.							
2. The electric water heater shall be located as detailed on the design drawings and coordinated with the Architect							
4. Final handing of the electric water heater to be confirmed with Heatrae Sadia prior to order.							

44758 - AP Watches Manchester - Outdoor Condensers & Associated Equipment Schedule							
Ref	Serving System	Manufacturer	Model	SOUND PRESSURE LEVEL (dBA) - Heating/Cooling	DIMENSIONS (mm) - Width x Depth x Height	ELECTRICAL SUPPLY	PHASE
CU 01	FCU-01/02	Daikin	RXYSQ6TV9	70	900x320x1345	230V	Single
CU 02	FCU-04/05	Daikin	RXYSQ6TV9	70	900x320x1345	230V	Single
CU 03	FCU-03/10	Daikin	RXYSQ6TV9	70	900x320x1345	230V	Single
CU 04	FCU-07/08/09/11/12	Daikin	RXYSQ4TV9	68	900x320x1345	230V	Single
CU 05	FCU-06	Daikin	RZAG35A	62	870x373x734	230V	Single
Notes:							
1. Outdoor unit to be located externally on the roof to replace the existing units .							
2. Access for maintenance shall be as per manufacturers recommendations.							
3. Final handing of each FCU to be confirmed with Daikin prior to order.							

44758 - AP Watches Manchester - AHU Schedule										
Ref	Manufacturer	Model	Location	Quantity	Required flow rate (l/s)	External Static Pressure (Pa) - Lo-Hi	Dimensions (mm) (Width x Depth x Height)	Sound Pressure Max (dBA)	Specific Fan Power - SFP - (W/(l/s))	Weight (kg)
AHU-01	Klimor	EVO-S Compact 3200	1st Floor	1	808	120	1500 x 950 x 1070	50.3	1.93	283
Notes:										
1. For full specification details contact wayne.agnew@completeventsolutions.co.uk										
2. Ventilation to be demand driven based on occupancy, AHU to be installed complete with CO2 sensor in return air duct to modulate vent rate.										
3. Final AHU controller location to be confirmed with Architect.										
4. Unit to be installed in line with manufacturers access requirements.										
5. Contractor to confirm final spigot locations and handing of unit with manufacturer prior to order.										

44758 - AP Watches Manchester - Extract fan schedule										
Ref	Manufacturer	Model	Location	Quantity	Required air flow rate - l/s	Static Pressure (Pa)	Dimensions - Width x height x depth (mm)	Duct connection	Specific Fan Power - SFP - (W/(l/s))	dB(A) @ 3m
EF - 01	Helios	ITEC 250	1st Floor	1	180	80	350 x 750 x 325	250 Ø	0.25	25
Notes:										
1. For full specification details contact wayne.agnew@completeventsolutions.co.uk										
2. Final extract fan controller location to be confirmed with Architect.										
3. Unit to be installed in line with manufacturers access requirements.										

44758 - AP Watches Manchester - Cold Water Storage Tank and Pump Set				
Ref	Manufacturer	Model	Type	Dimensions (mm) Width x Depth x Height (Grille)
CWSC-01	Dutypoint	Scubatank WX2-9060-1250.A	Combined	1348 x 1160 x 2062
Notes:				
1. Access for maintenance shall be as per manufacturers recommendations.				
2. The cold water storage tank shall be located at the back of the house toilet area				
4. Final handing of the tank to be confirmed with Dutypoint prior to order.				

C01	30.08.24	DH	CONTRACT ISSUE
T02	17.05.24	DH	TENDER ADDENDUM
T01	02.04.24	DH	TENDER ISSUE
Rev	Date	Drn	Description

Client
WATCHES OF SWITZERLAND GROUP

Architect
JOHNSON PINNEY ARCHITECTS

Project
KING STREET, MANCHESTER
AP WATCHES



Drawing Title
MECHANICAL SERVICES
PLANT SCHEDULE

Scale	NTS	Drawn	AutoCAD/ DH
Date	MAR'24	Checked	DH

Status
CONTRACT ISSUE

Project number/Drawing number	Revision
44758-M-500-XX-003	C01