



AIR CONDITIONING EQUIPMENT SCHEDULE									
REF.	TYPE	MANUFACTURER	MODEL	COOLING CAPACITY (nom. UK cooling KW) MAX.	HEATING CAPACITY (KW) MAX.	APPROX. PIPE LENGTH (m)	SIZE (W x D x H)	NOISE (dBA)	POWER SUPPLY FUSE (A)
FCU-1.1	WALL MOUNT	mitsubishi (R32)	PKA-M35LA	3.6	-	15	898 x 237 x 299	34 - 43	FED FROM CU
CU-1.1	CONDENSER	mitsubishi (R32)	PUZ-ZM35VKA	-	-	-	809 x 300 x 630	44	1PH / 240v / 50Hz
ODAC-1.2	AIR CURTAIN	mitsubishi (R32)	HP2000 DX 2.0	14.0	15.7	38	2350 x 468 x 306	47 - 57	1PH / 240v / 50Hz
CU-1.2	CONDENSER	mitsubishi (R32)	PUZ-ZM140VKA	-	-	-	1050 x 330 x 1338	50 - 52	1PH / 240v / 50Hz
C	SINGLE CONTROL	mitsubishi	PAR-41	WALL MOUNTED HARD WIRED FCU CONTROLLER					
V	HRU CONTROL	mitsubishi	PZ-62	WALL MOUNTED HARD WIRED HRU CONTROLLER					
MC	MASTER CONTROL	mitsubishi	AE-200E	MASTER / CENTRAL CONTROLLER (AIR CONDITIONING / VENTILATION) BMS OUTPUT					

1. The contractor is to familiarize himself with the site and all services prior to commencing work and carry out site measure prior to ordering plant/equipment.
2. All materials & workmanship must be carried out in accordance with the standard LBG specification.
3. All new/existing services shall be adequately protected from all demolition & construction works.
4. All relocated & redundant equipment shall be neatly removed.
5. The mechanical contractor shall liaise with the main contractor on all BWIC works. Refer to separate BWIC drawings for collaboration with main contractor.

CONTROLS	
SYMBOL	DESCRIPTION
	REMOTE AIR SENSOR
	MAIN CONTROLLER
	FAN COIL UNIT / HRU CONTROLLER
	PRESENCE DETECTOR / PIR

<u>AIR STATUS</u>	
<u>SYMBOL</u>	<u>DESCRIPTION</u>
	SUPPLY VOLUME (l/s)
	EXTRACT VOLUME (l/s)

DUCTWORK/VENTILATION	
SYMBOL	DESCRIPTION
FD 	FIRE DAMPER
	UNDERCUT DOOR (15mm to allow free air flow)
CTA 	CROSS TALK ATTENUATOR / RETURN AIR PATH
	SUPPLY DUCT
	EXTRACT DUCT
EHB	ELECTRIC HEATER BATTERY
VCD	VOLUME CONTROL DAMPER
SG	SUPPLY GRILLE
EG	EXTRACT GRILLE

DX/REFRIGERANT	
SYMBOL	DESCRIPTION
	VRV / VRF REFRIGERATION PIPE
	SPLIT SYSTEM REFRIGERATION PIPE

P02	25.11.22	UPDATED FOR CP SUBMISSION	AA	MC
P01	18.11.22	FIRST ISSUE	PJ	MC
Rev	Date	Revision Notes	BY	CH

Project: **HALIFAX
WREXHAM HOPE STREET
55 HOPE STREET
WREXHAM LL11 1AF**

All dimensions in mm except where otherwise stated. Dimensions up to 1 metre ± 0.5 mm. Dimensions 1 metre to 5 metres ± 1 mm.
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Drawing Title:
SECOND FLOOR HVAC LAYOUT

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Drawn: PJ	Checked: MC	Scale @A1: 1:50	Originated Date 18.11.22