

ALL DRAWINGS MUST BE CHECKED REGARDING DIMENSIONS & LAYOUT ANY DISCREPANCIES ARE TO BE REPORTED TO THE PROJECT MANAGER FOR REVIEW PRIOR TO COMMENCEMENT OF WORK ON SITE

DO NOT SCALE

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THIS DRAWING IS BASED ON:-

P2FTM0

KEY LEGEND:

- HA1

HA1
- COND UNIT TO BE HATCHED (COLOUR SITE SPECIFIC)

INTEGRALS
- DISTRIBUTION BOARDS

MERCURY HUB
- DRAIN POINTS

HUB
- ROOF PENETRATIONS

DATA MANAGER
- FLOOR PENETRATIONS

MARK II ORBIT
- SERVICE COLUMNS

SOCKET OUTLET
- WALL PENETRATIONS

COLDROOM LIGHTS
- SUMP PUMP

COLDROOM PANEL
- AQUA MAT

CO2 SENSOR & BEACON
- AC WALL MOUNTED

RDM PANEL
- AC CASSETTE

- ROOF LEVEL SERVICE ROUTE
- HIGH LEVEL SERVICE ROUTE
- LOW LEVEL SERVICE ROUTE
- SERVICE DUCT

DESIGN DRAWING TYPE:	
DESIGNED OFF BY:	
AS FITTED DRAWING DATE:	
AS FITTED AS SIGNED OFF BY:	

REV	DESCRIPTION	DATE
Drawn By: JH		



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SITE:

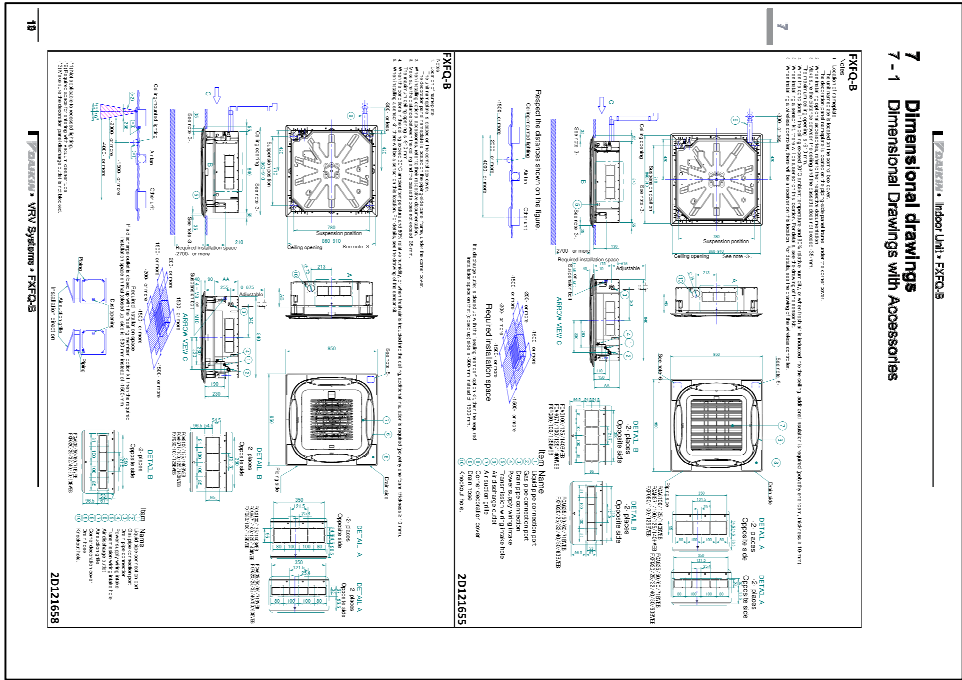
CO-OP BLACKLEY

TITLE:
CR3
PLANT LAYOUT

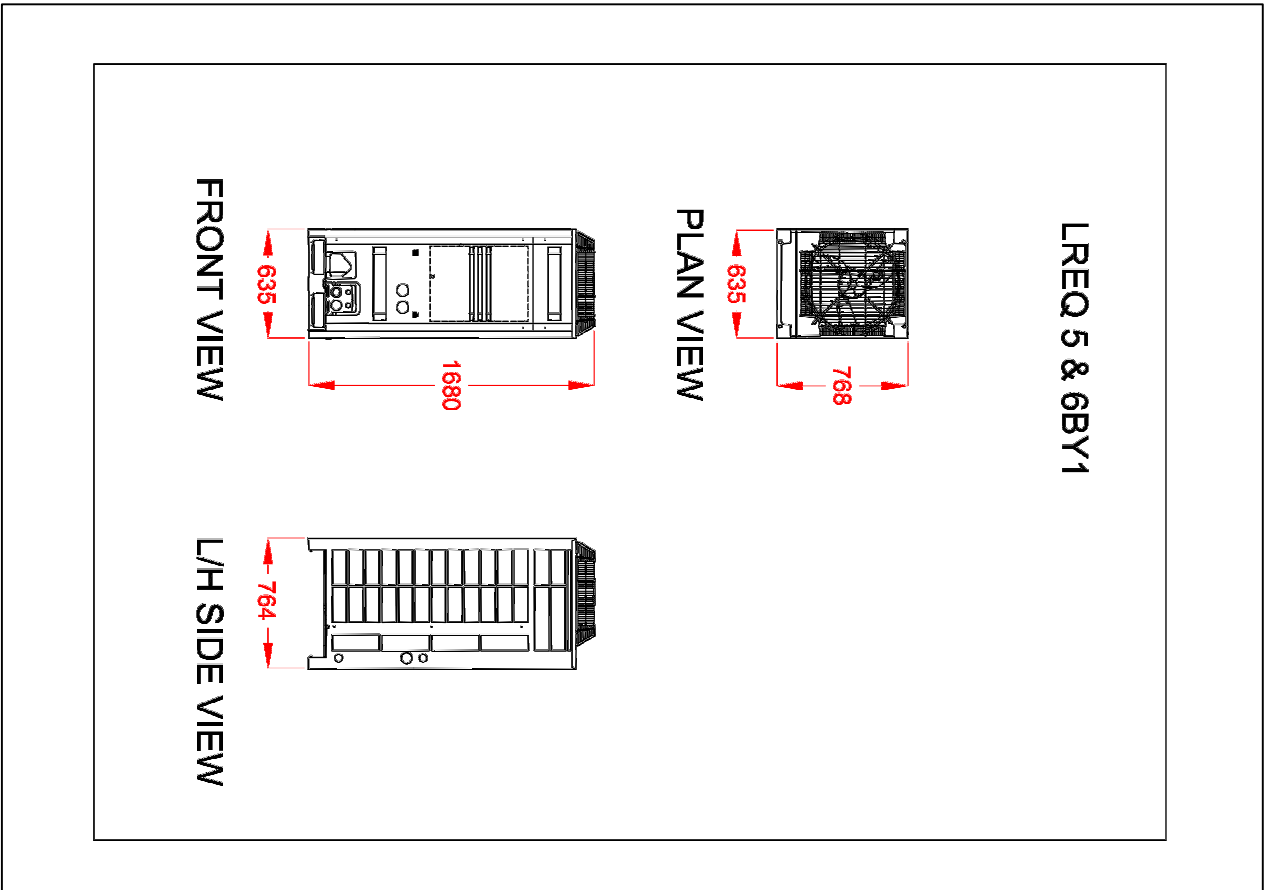
SCALE:	DATE:
NTS	MAR 2021

DRG SIZE:	PROJECT NO:
A1	N67850

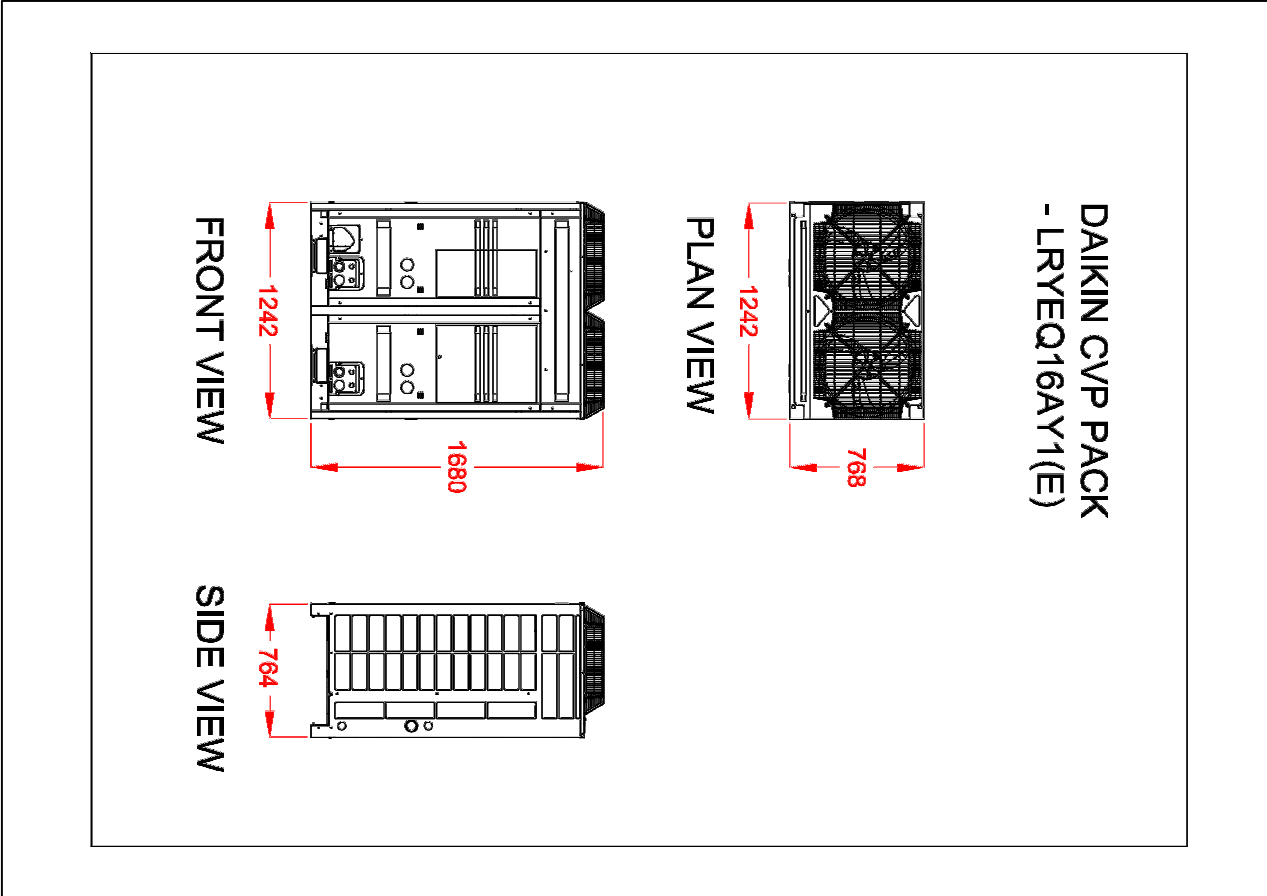
DRAWING NUMBER:	REV.
CR3-CBES-BLACKLEY	A



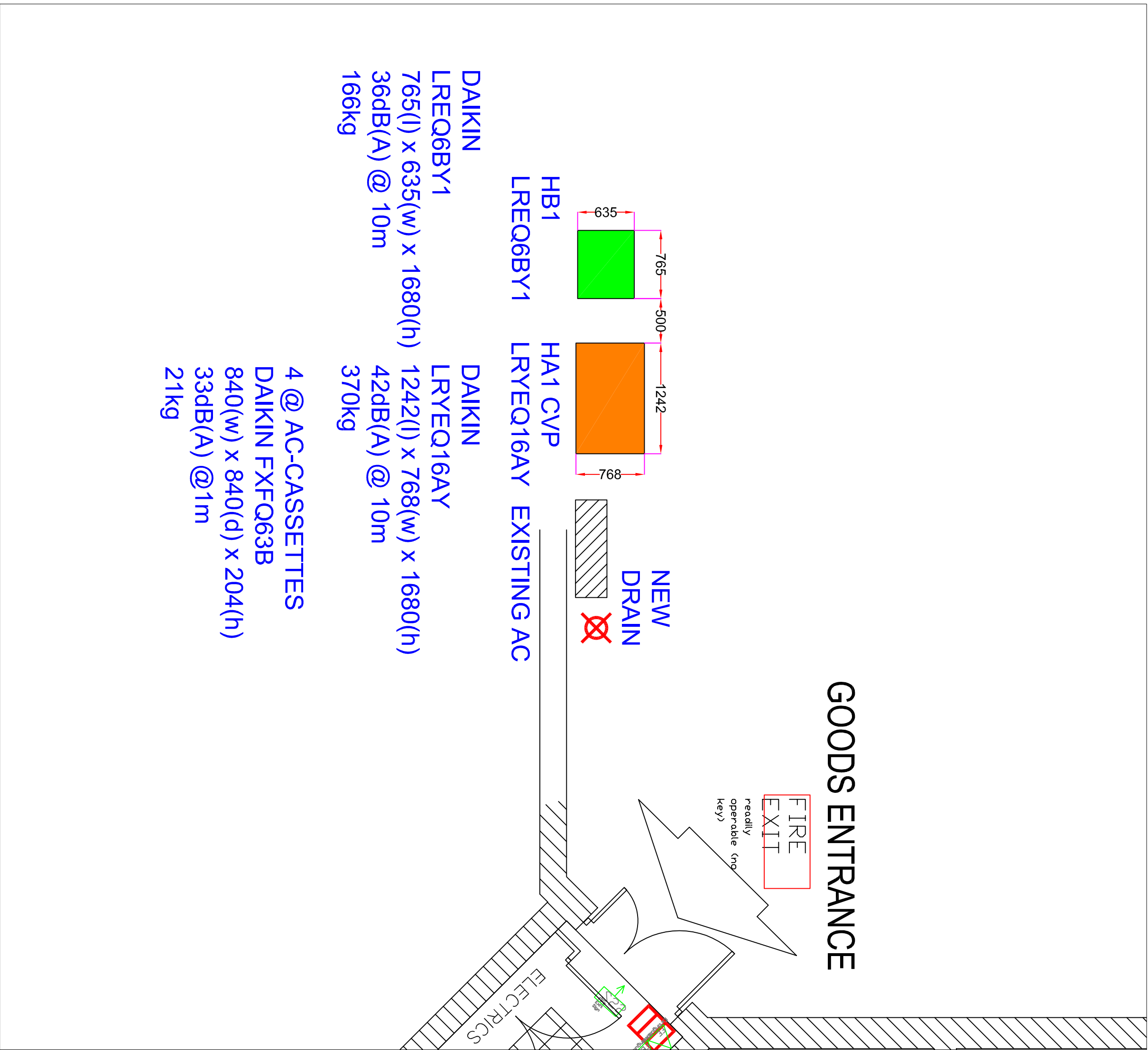
AC DETAILS - FXFQ68



DAIKIN C/U



DAIKIN CVP



PLANT LAYOUT

COLDROOM DETAILS											
SYSTEM NUMBER	PACK REF	NEW / EXISTING COLDSTORE	MANUFACTURER	MODEL	COLDSTORE TYPE	PRODUCT TEMP (°C)	REFRIGERANT	EVAP TEMP (°C)	EXPANSION VALVE	CONTROLLER	DEFROST METHOD
CA70-1	HA	N	RELION	REC-30-4L	COLSEC	-20	R410A	-5	ADVID-3	RDM	O/C
FT71-1	INT	NEW	COLSEC	FTU020P001	COLSEC	1	R290	-30	N/A	Ehc	1840
PACK DETAILS											
PACK REF	NEW / EXISTING	MANUFACTURER	MODEL	REFRIGERANT	TOTAL SYSTEM REFRIGERANT (kg)	RECEIVER VOLUME (ltrs)	HT /LT CAPACITY Kw @ -7/-30 SST	COMPRESSOR No.	COMPRESSOR MODEL	PACK DESIGN RUN CURRENT (AMPS)	MAX LOAD CURRENT (AMPS)
HA1	N	DAIKIN	LVEQ68AY	R410A		18.74		3	Hermetic (can) Sealed (cyl)		415
HB1	N	DAIKIN	LRYEQ16AY	R410A		13.77		1	Hermetic (can) Sealed (cyl)		415
AIR CONDITIONING DETAILS											
AC REFERENCE	NEW / EXISTING	MANUFACTURER	MODEL	TYPE	REFRIGERANT	DUTY UK HEATING (kW)	DUTY UK COOLING (kW)	MCB RATING (AMPS)	ELECTRICAL SUPPLY	FLA (AMPS)	WEIGHT (kg)
AC-1-01	N	DAIKIN	FXFQ68B	INDOOR	R410A	8.00	7.10	6	N/A	N/A	21
AC-1-02	N	DAIKIN	FXFQ68B	INDOOR	R410A	8.00	7.10	6	N/A	N/A	21
AC-1-03	N	DAIKIN	FXFQ68B	INDOOR	R410A	8.00	7.10	6	N/A	N/A	21
AC-1-04	N	DAIKIN	FXFQ68B	INDOOR	R410A	8.00	7.10	6	N/A	N/A	21
PIPE SIZES (SUCTION / LIQUID)											
						3/8 & 3/8	3/8 & 3/8				
PIPE LENGTHS (m)											
						7.06	7.06				
DIMENSIONS (mm) L x W x H											
						840 x 840 x 204	840 x 840 x 204				
SOUND POWER LEVEL dBA @ 1m											
						33	33				
SOUND LEVEL DAY TIME dBA @ 10m											
						42	42				
SOUND LEVEL NIGHT TIME dBA @ 10m											
						30	30				

COMPRESSOR SELECTION, PACK, RECEIVER & AIRCON DETAILS