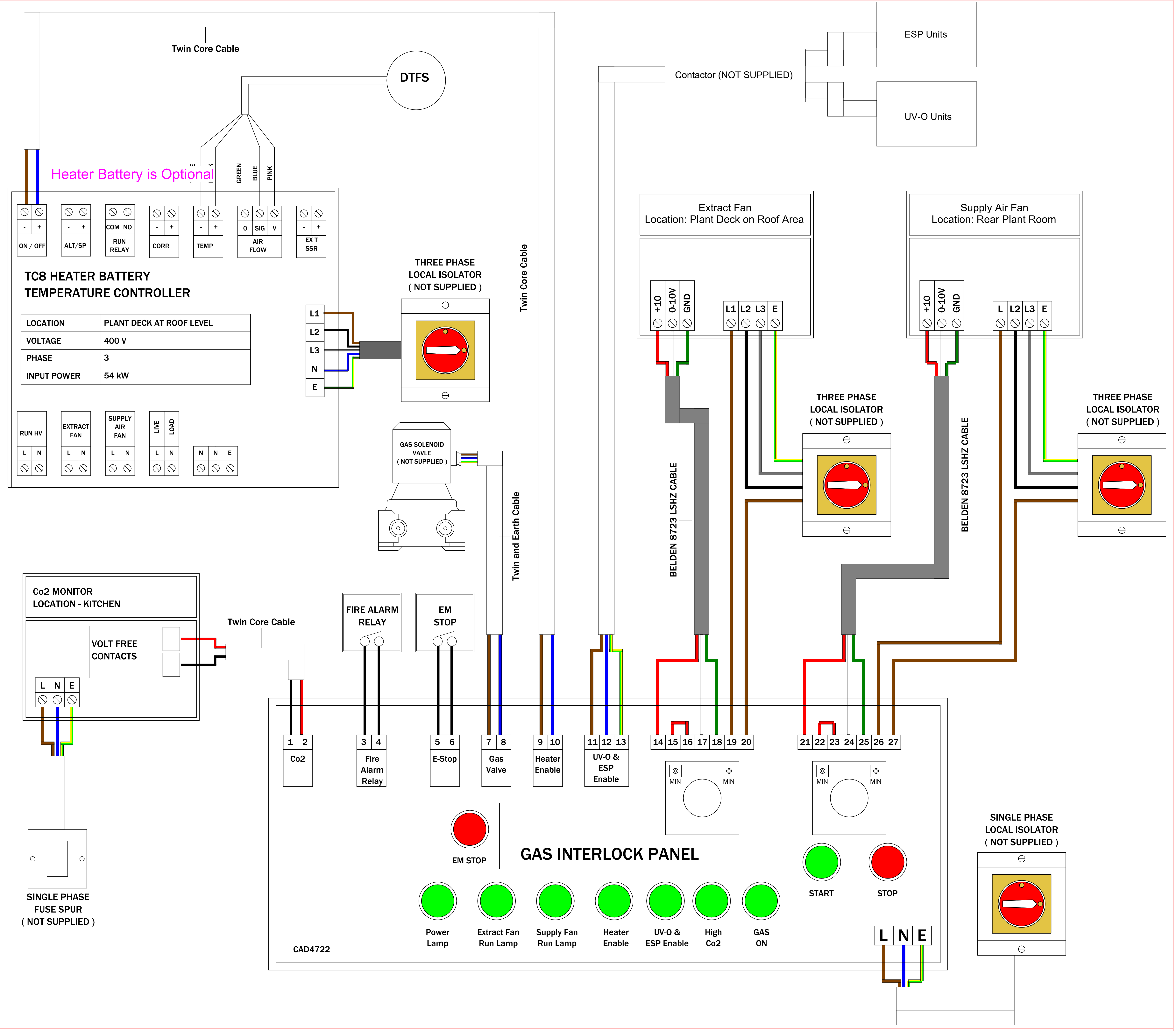


KITCHEN VENT WIRING SCHEMATIC



ELECTRICAL DETAILS - EXTRACT FAN	
MANUFACTUER	SYSTEM AIR
MODEL	MUB
ART No	MUB 100 630 EC-A
VOLTAGE	400 V
FREQ	50 Hz
PHASE	3
INPUT POWER	4.875 kW
INPUT CURRENT	7.26 A
CONTROLLER	GAS INTERLOCK PANEL

ELECTRICAL DETAILS - HEATER BATTERY	
MANUFACTUER	NEATAFAN
MODEL	TC8
VOLTAGE	400 V
FREQ	50 Hz
PHASE	1
INPUT POWER	54 kW
LOCATION	IN DUCT

ELECTRICAL NOTES:

- POSITIONS OF CONTROLS ARE SUBJECT TO KITCHEN DESIGNERS APPROVAL.
- ALL FIRST FIX, SECOND FIX ELECTRICAL WORKS BY SITE ELECTRICIAN INCLUDING FIXING CONTROL PANELS IN POSITIONS AND FINAL CONNECTIONS.
- INOX HAS NOT ALLOWED FOR RUNNING ANY CABLES.
- INOX HAS ONLY ALLOWED FOR A FINAL CONTROL CHECK AND DOES NOT INCLUDED ANY ELECTRICAL WORKS.
- FUSE SPURS AND ISOLATORS ARE NOT SUPPLIED.
- GAS SOLENOID VALVE, CONTACTORS OR FUSED SPURS/ROTARY ISOLATORS ARE NOT SUPPLIED.
- ALL ELECTRICAL WORKS MUST BE UNDERTAKEN BY SUITABLY QUALIFIED PERSON TO CURRENT ELECTRICAL REGULATIONS.

ACOUSTIC SOUND LEVELS - EXTRACT FAN									
OCTAVE BAND FREQUENCY - Hz	63	125	250	500	1K	2K	4K	8K	TOT
FAN SOUND POWER LEVEL - INLET	54	65	70	75	76	72	70	63	80
FAN SOUND POWER LEVEL - OUTLET	56	67	72	76	77	74	72	64	82
SURROUNDING	36	53	54	46	47	46	41	29	58
SILENCER SPECIFICATION: - SQUARE 1250mm LONG STRAIGHT THROUGH									
LOSSES	9	14	18	28	28	20	18	15	N/A
DBA CALCULATOR									
APPROX SOUND LEVELS AS SPECIFIED...	1m	2m	3m	4m	5m	6m	7m	8m	10m
INLET	49	43	39	37	35	33	32	31	29
OUTLET	51	45	41	39	37	35	34	33	31

ACOUSTIC SOUND LEVELS - SUPPLY FAN									
OCTAVE BAND FREQUENCY - Hz	63	125	250	500	1K	2K	4K	8K	TOT
FAN SOUND POWER LEVEL - INLET	56	73	75	79	81	78	76	73	86
FAN SOUND POWER LEVEL - OUTLET	57	75	77	80	82	80	77	74	87
SURROUNDING	36	57	48	47	51	50	43	38	59
SILENCER SPECIFICATION: - SQUARE 900mm & 1250mm LONG STRAIGHT THROUGH									
LOSSES - 900mm LONG (Inlet)	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	N/A
LOSSES - 1250mm LONG (Outlet)	9	14	18	28	28	20	18	15	N/A
DBA CALCULATOR									
APPROX SOUND LEVELS AS SPECIFIED...	1m	2m	3m	4m	5m	6m	7m	8m	10m
INLET	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
OUTLET	57	51	47	45	43	41	40	39	37

ELECTRICAL DETAILS - SUPPLY AIR FAN	
MANUFACTUER	SYSTEM AIR
MODEL	MUB 062 630 EC
ART No	230504
VOLTAGE	400 V
FREQ	50 Hz
PHASE	3
INPUT POWER	3.15 kW
INPUT CURRENT	4.82 A
CONTROLLER	GAS INTERLOCK PANEL

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ELECTRICAL DETAILS - UV-O (EACH UNIT)	
MANUFACTUER	PURIFIED AIR
MODEL	UVO 500
VOLTAGE	230 V
FREQ	50 Hz
PHASE	1
INPUT POWER	140 W
CONTROLLER	GAS INTERLOCK PANEL

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ELECTRICAL DETAILS - ESP (EACH UNIT)	
MANUFACTUER	PURIFIED AIR AIR
MODEL	ESP 4500
VOLTAGE	230 V
FREQ	50 Hz
PHASE	1
INPUT POWER	40 W
CONTROLLER	GAS INTERLOCK PANEL



Rev	Description	Date
P01	FOR REVIEW	07/02/25
P02	LENGTH OF ITEM 4.01 IFESW_1 INCREASED, INFILL BENCH ADDED TO COOKLINE AND FRYER WIDTH INCREASED FLOW RATES UPDATED TO SUIT.	04/03/25

PROJECT NAME

Zaap Restaurants, Manchester

PROJECT ADDRESS

Lincoln Square
Lincoln Building
Brazennose St
Manchester

TITLE

M2 5AD
Wiring Diagram

CLIENT

ACME

PROJECT NUMBER

17072

DRAWING NUMBER

006

REV

P02

SCALE (@A0)

1 : 25

DRAWN BY

SM

CHECKED BY

LP

DATE

04/03/25