

UHG-VAV  
230V, 3Ph, 3 WIRE + 1G, 60 Hz  
MAIN KAIC:  
LOCATION:

22 KAIC  
EE RM.

FEED FROM:  
MOUNTING:  
ENCLOSURE:

EE RM.  
SURFACE MOUNTED  
NEMA 1

CKT. NO.	CONNECTED LOAD (DESCRIPTION)	NO. OF			RATING		AMP	VOLTS	PHASE LOADING			CIRCUIT PROTECTION				SIZE OF			
		L.O.	C.O.	SWITCH	TR	VA			AB	BC	CA	AT	AF	POLE	KAIC	WIRE	CONDUIT		
1	VAV-01, 02		2			1000	4.35	230	4.35			20	50	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit		
2	VAV-03, 04		2			1000	4.35	230		4.35		20	50	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit		
3	VAV-05		1			500	2.17	230			2.17	20	50	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit		
4	SPACE																		
									TOTAL	4.35	4.35	2.17							

IVAV = 1.732 [(4.35\*1.25)]  
9.42 Amp.

USE: 3 - 8 mm sq. THHN (3 wire); FEEDER  
1 - 3.5 mm sq. THHN (1 Gnd)  
in 25 mm dia. EMT CONDUIT

USE: 40AT / 50AF MAIN C.B.  
3P+1G, 230V, 3 PHASE, 60Hz  
22 KAIC (WITH 4 BRANCHES)

A

B

C

40AT/ 50AF MAIN C.B.  
3P + 1G, 230V, 3PH, 60Hz  
22 KAIC (W/ 4 BRANCHES)

1

20AT, 2P

20AT, 2P

2

20AT, 2P

20AT, 2P

3

20AT, 2P

20AT, 2P

4

SPACE

SPACE

UHG-VAV  
RISER DIAGRAM

UHG FINANCE

UHG-VAV LOAD SCHEDULE & SLD

SCALE

NTS.

UNILAB

UNILAB, Inc.

NO. 66 UNITED ST.,  
MANDALUYONG CITY

PREPARED BY :

PSG - BUILD

PSG OFFICE, BLDG 1 UNILAB CORPORATE CENTER,  
NO. 66 UNITED STREET, MANDALUYONG CITY,  
PHILIPPINES  
TEL. NO. 8858-1000

PROJECT TITLE & LOCATION:

2ND. FLOOR ADMIN. BLDG.

2ND. FLOOR ADMIN. BLDG., ULCC MAIN COMPOUND

MAINTENANCE SECTION:

ELECTRICAL :

SANITARY/PLUMBING :

MECHANICAL :

DRAWN BY :

VIC C. S. ANTONIO

DATE: 3/8/2024

CHECKED BY:

AML / JJP / LLO

DATE:

CONFORME:

END-USER

PLATE NO.:

REV. 02: DATE: 3/8/2024  
UPDATE OF LAYOUT  
BASED ON REVISED FLR. PLAN.

SHEET NO:

E  
7 11