

LEGEND :

- = DUCTING SUPPLY DENGAN ISOLASI DALAM
- = DUCTING SUPPLY DENGAN ISOLASI LUAR JIKA BILAS
- = DUCTING RETURN DENGAN ISOLASI DALAM
- = DUCTING FRESH AIR TIDAK DIISOLASI
- = DUCTING EXHAUST TIDAK DIISOLASI
- = PIPA DRAIN DIISOLASI SLOPE 1%
- = SUPPLY AIR DIFFUSER (4 WAY)
- = RETURN AIR GRILLE ATAU EXHAUST AIR GRILLE

- = FLEXIBLE ROUND DUCT DIISOLASI C/W BUTTERFLY DAMPER
- SEF = SMOKE EXTRA FAN
- SMA = SMOKE MAKE UP AIR
- IU = INDOOR UNIT
- OU = OUTDOOR UNIT
- EF = EXHAUST FAN
- MVD = MOTORIZED VOLUME DAMPER
- FD = FIRE DAMPER

- FAF = FRESH AIR FAN
- SAD = SUPPLY AIR DIFFUSER
- RAG = RETURN AIR GRILLE
- EAG = EXHAUST AIR GRILLE
- EAL = EXHAUST AIR LOUVRE
- FAL = FRESH AIR LOUVRE
- DG = DOOR GRILLE
- VD = VOLUME DAMPER
- DR = DRAIN

DAFTAR SAD & RAG

KAPASITAS ( CFM )	DIFF./GRILLE ( mm )	FLEX. DUCT ( mm )	JUMLAH ( mm )
1 - 160	150 x 150	ø 150	-
161 - 280	200 x 200	ø 200	-
281 - 320	225 x 225	ø 225	-
321 - 420	250 x 250	ø 250	-
421 - 550	300 x 300	ø 250	-
551 - 600	300 x 300	ø 300	-
1 - 240	250 x 200	-	-
241 - 350	300 x 250	-	-
351 - 450	400 x 250	-	-
451 - 600	450 x 300	-	-

BAR GRILLE SUPPLY AREA

KAPASITAS ( CFM )	GRILLE ( mm )	FLEX. DUCT ( mm )
1 - 100	200 x 100	-
101 - 200	350 x 100	-
201 - 300	700 x 100	-
301 - 400	900 x 100	-
401 - 500	900 x 150	-
501 - 600	900 x 150	-
601 - 700	900 x 150	-
701 - 800	900 x 150	-
801 - 900	1200 x 150	-
901 - 1000	1200 x 150	-
1001 - 1100	900 x 200	-
1101 - 1200	900 x 200	-

BAR GRILLE RETURN CORIDOR AREA

KAPASITAS ( CFM )	GRILLE ( mm )	FLEX. DUCT ( mm )
1 - 100	250 x 100	-
101 - 200	500 x 100	-
201 - 300	700 x 100	-
301 - 400	900 x 100	-
401 - 500	900 x 150	-
501 - 600	900 x 150	-
601 - 700	1200 x 150	-
701 - 800	1200 x 150	-
801 - 900	1200 x 200	-
901 - 1000	1200 x 200	-

IU-2.SMR/01

KAP : 5.000 BTU/H  
WALL MOUNTED

IU-2.IL/01

KAP : 62.500 BTU/H  
CEILING CONCEALED

IU-2.QR/01~03

KAP : 5.000 BTU/H  
WALL MOUNTED

IU-2.LMR/01

KAP : 37.600 BTU/H  
CASSETTE 4 WAY

IU-2.ADR/01~04

KAP : 92.500 BTU/H  
CEILING CONCEALED

IU-2.QR/04~05

KAP : 5.000 BTU/H  
WALL MOUNTED

IU-2.IL/02

KAP : 62.500 BTU/H  
CEILING CONCEALED

IU-2.IL/03

KAP : 62.500 BTU/H  
CEILING CONCEALED

OWNER/CLIENT



APPROVED : .../.../...

(name)  
(position)  
(signed)

PROJECT

BPDP  
KELAPA SAWIT

JL.Medan Merdeka Tim, RT.7/RW.1, Gambir,  
Kec. Gambir, Kota Jakarta Pusat, Daerah  
Khusus Ibukota Jakarta 10110

INTERIOR DESIGN CONSULTANT

PT. **M**ADEA  
AGKASAMA

Jl. Heli Suci No. 4 Gd. Sakura Lt. 2 Room 201  
Kel. Kampung Bali, Kec. Tanah Abang, Jakarta Pusat  
Telp. 021 - 2303483 , Fax. 021 - 2303483  
APPROVED : //

MEP CONSULTANT



PT. **DUTA PRATAMA** ENGINEERING  
MECHANICAL & ELECTRICAL ENGINEER  
Rukan Taman Murya Blok M No. 37, J. Batu Mulia No. 1  
Murya Utara Kembangan - Jakarta Barat 11620  
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DRAWING TITLE

INSTALASI VENTILASI DAN  
TATA UDARA LT 2

SCALE : 1:150

ALL MEASUREMENT MUST BE CHECKED AT BY SITE  
BY THE CONTRACTORS AND ANY DIFFERENCES  
REPORTED/INITIATED TO THE DESIGNER FOR  
CLARIFICATION BEFORE PROCEEDING.

REVISION :

#

DATE

DATE

DRAWN

Iqbal

DATE : 15/05/24

CHECKED

Dhono

DATE : 15/05/24

DRAWING FOR

DRAWING NUMBER

VAC-203

PAGE

PAGE

DATE : 2024/05/10

TENDER