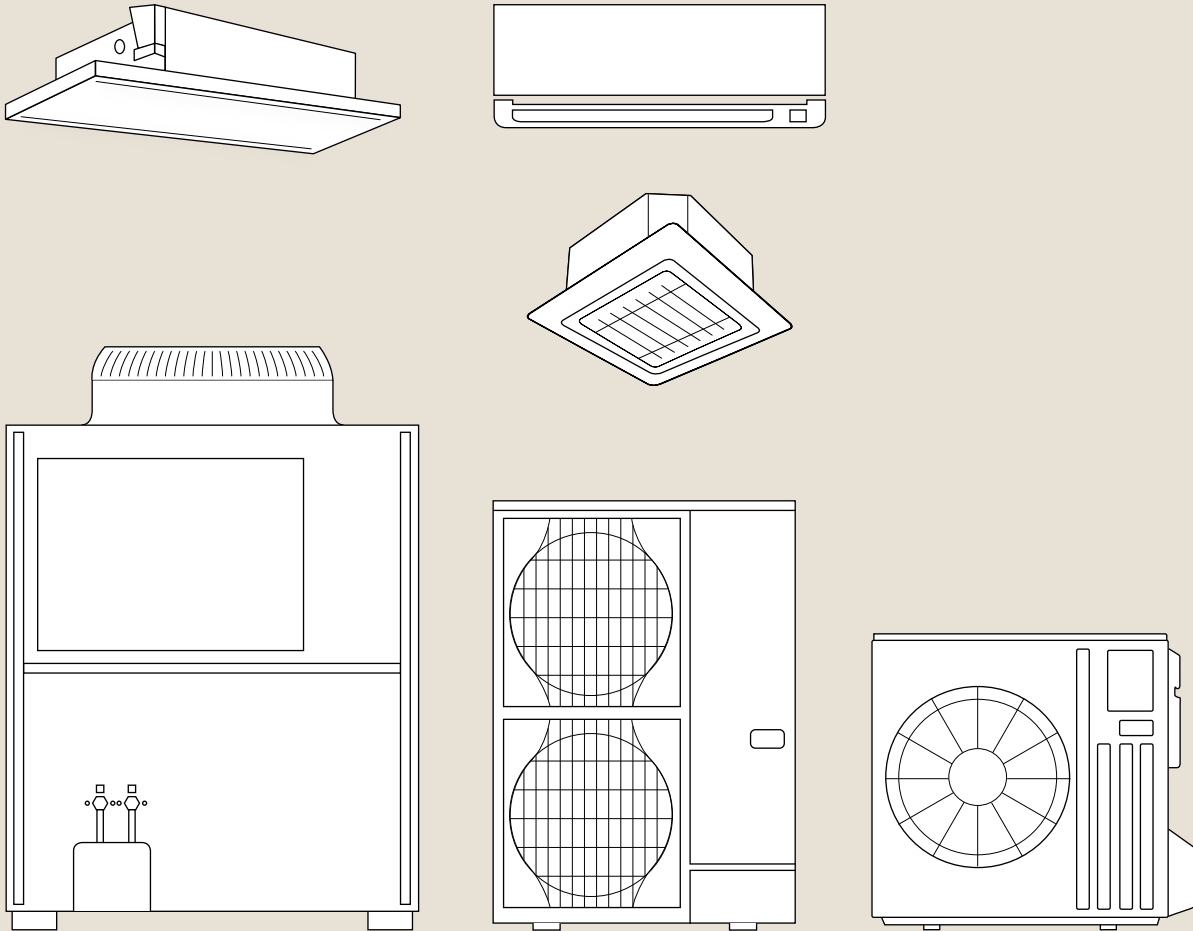
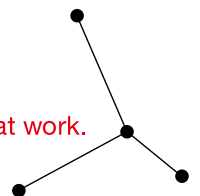


Living Environment Systems



Technische informatie

Bijlage klimaat- en ventilatieprogramma 2023/2024



Mitsubishi Electric LES staat voor gebundelde expertise voor **gezamenlijk succes**. Luisteren en begrijpen. Intelligente producten ontwikkelen. Competent adviseren. Trends herkennen. De toekomst vormgeven. Kennis omzetten in oplossingen.

Knowledge *at work.*





Productgroep

// M-Serie

// Mr. Slim

// Lossnay





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3. Lossnay

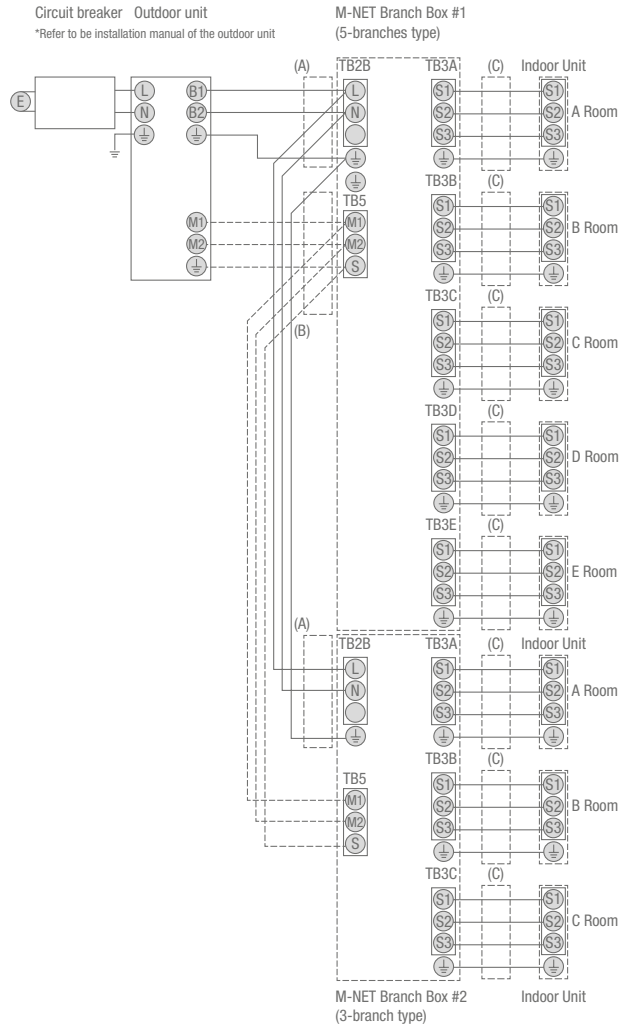
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1. Serie M

- 1.1 Elektrisch schakelschema Serie M-systemen
- 1.2 Elektrisch schakelschema PUMY
- 1.3 Elektrisch schakelschema Serie M Monosplit-inverter
- 1.4 Elektrisch schakelschema MXZ-multisplit 2 – 6 binneneenheden

NAAR DE INHOUD

Elektrisch schakelschema PUMY

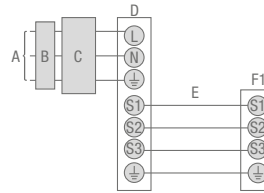


- (A) Voedingsspanning branch boxes (via buitenunit)
- (B) Communicatieverbinding buitenunit – branch boxes
- (C) Voedingsspanning en communicatie binnenunit

Opgelet:

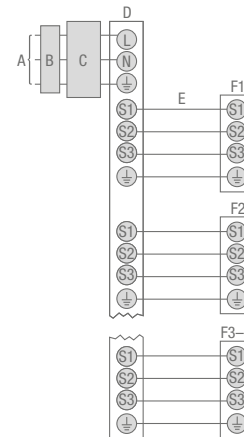
1. De maat van de elektrische leiding moet aan de plaatselijke en nationale wettelijke voorschriften aangepast zijn.
2. Als kabel voor de stroomvoorziening en de verbinding van de binnen- en de buiteninstallatie moet minstens een flexibele kabel met een polychloropreencoating (in overeenstemming met 60245 IEC 57) worden gekozen.
3. Installeer een aardleiding die langer dan de andere kabels is.

Elektrisch schakelschema Serie M Monosplit-inverter



- A Voedingsspanning van de buitenunit
- B Beveiligingsschakelaar bij stroomstoringen
- C Zekering
- D Buitenunit
- E Verbindingskabel buitenunit – binnenunit
- F1 Binnenunit

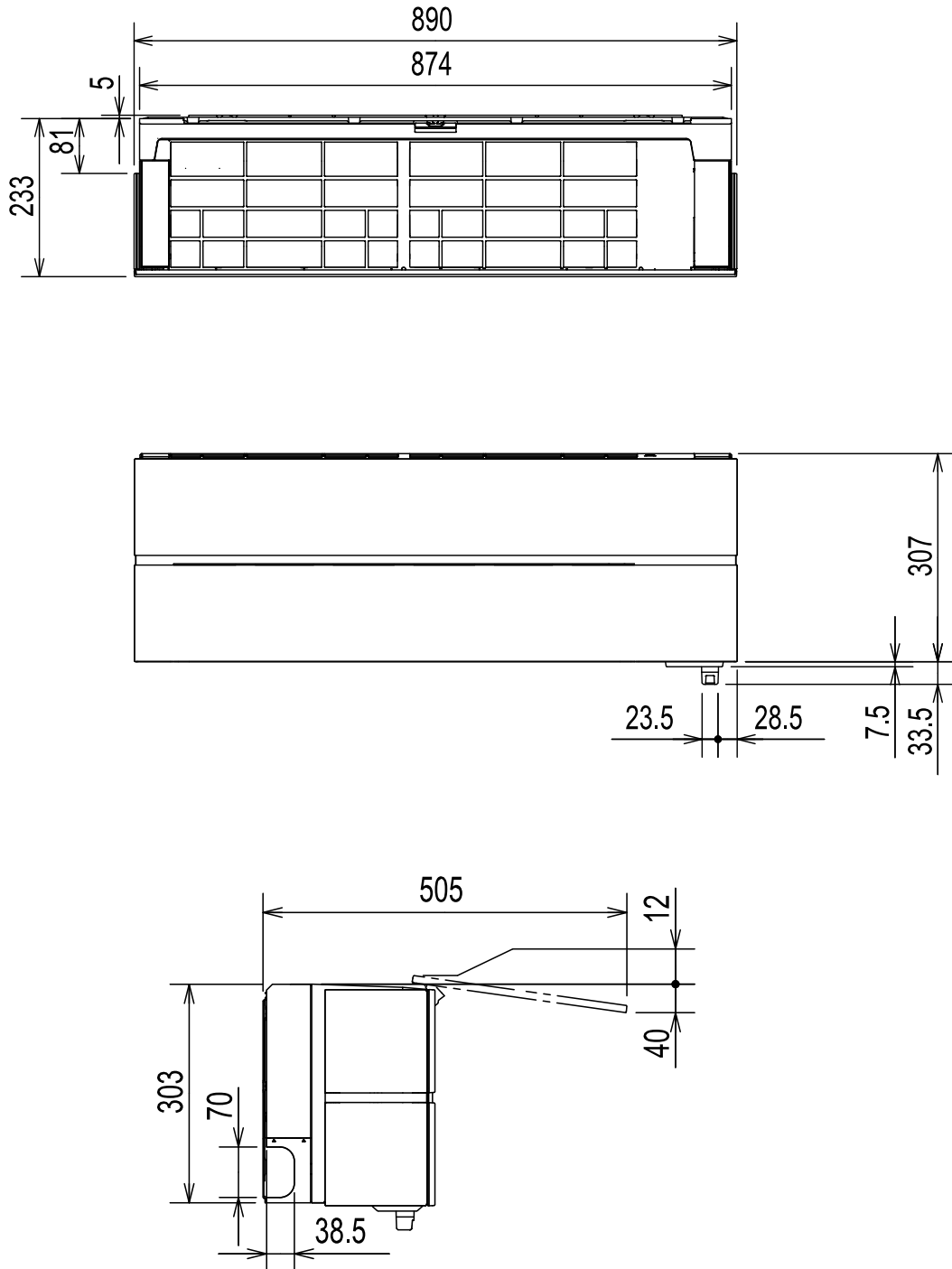
Elektrisch schakelschema MXZ-multisplit 2 – 6 binneneenheden



- A Voedingsspanning van de buitenunit
- B Beveiligingsschakelaar bij stroomstoringen
- C Zekering
- D Buitenunit
- E Verbindingskabel buitenunit-binnenunit
- F1 – F6 Binneneenheden nr. 1 tot nr. 6

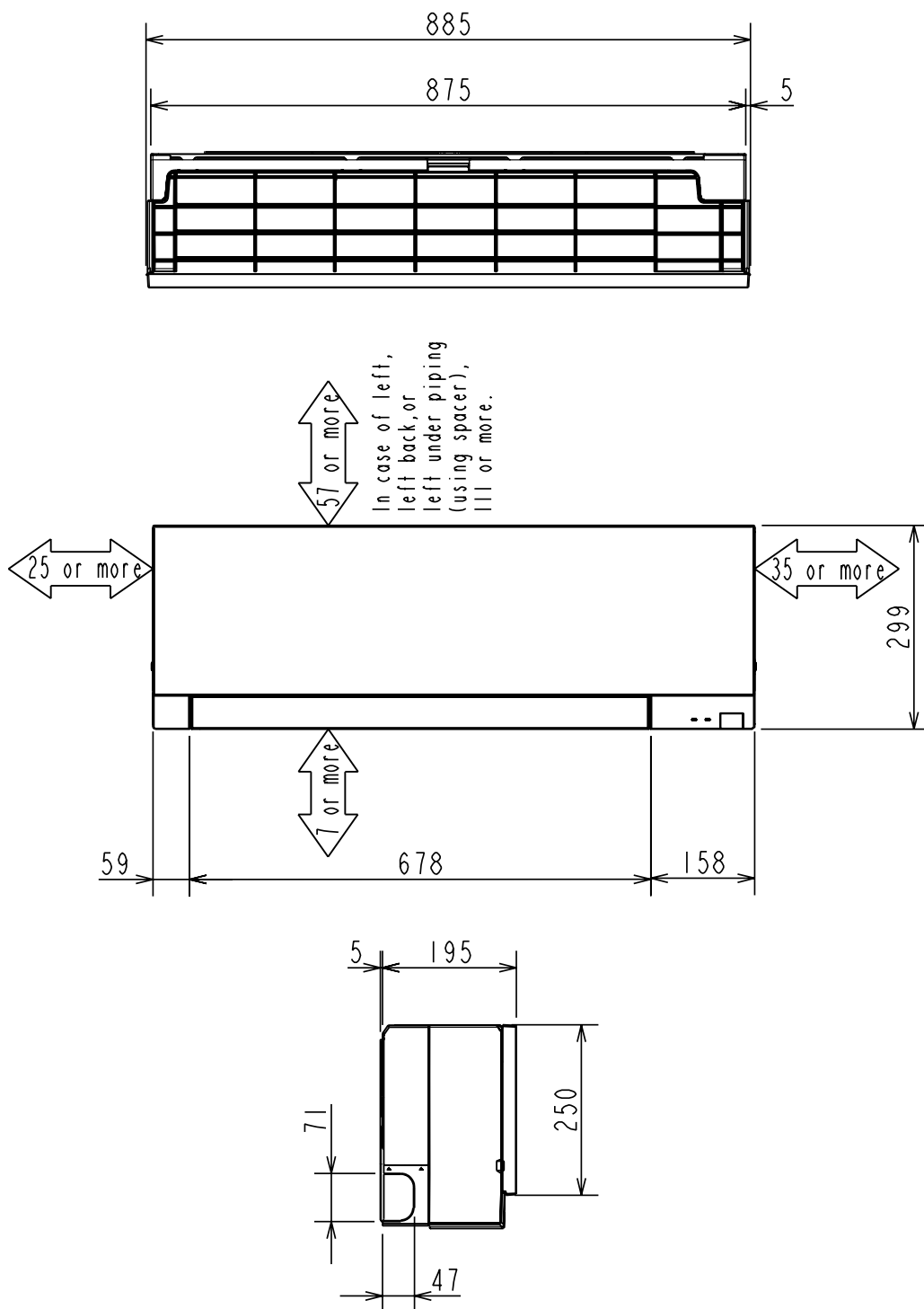
1.5 MSZ-LN18-60VG2 R/V/W/B
MSZ-LN Diamond wandunits

NAAR DE INHOUD



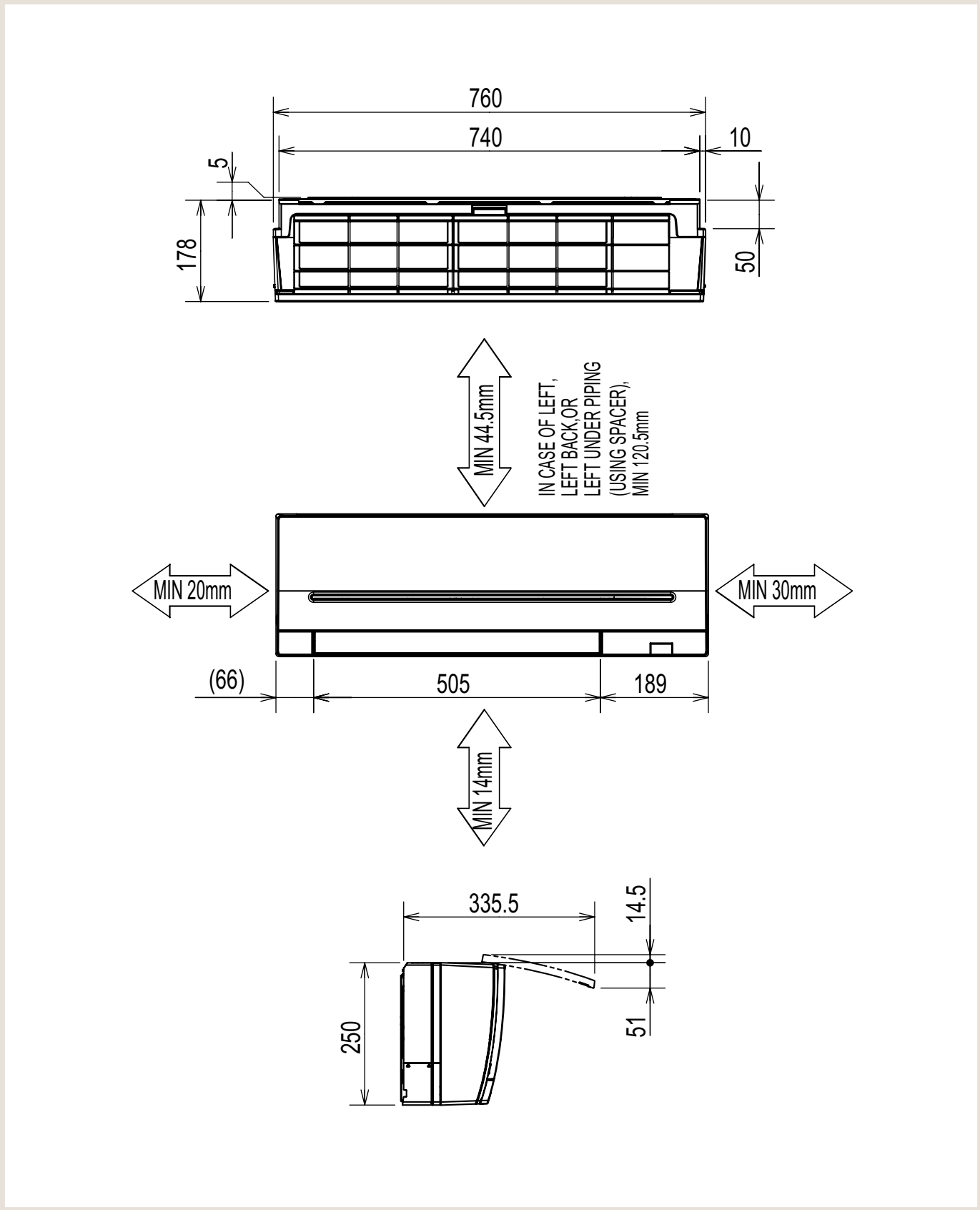
1.6 MSZ EF18-50VGK W/B/S
MSZ-EF Premium wandunits

NAAR DE INHOUD



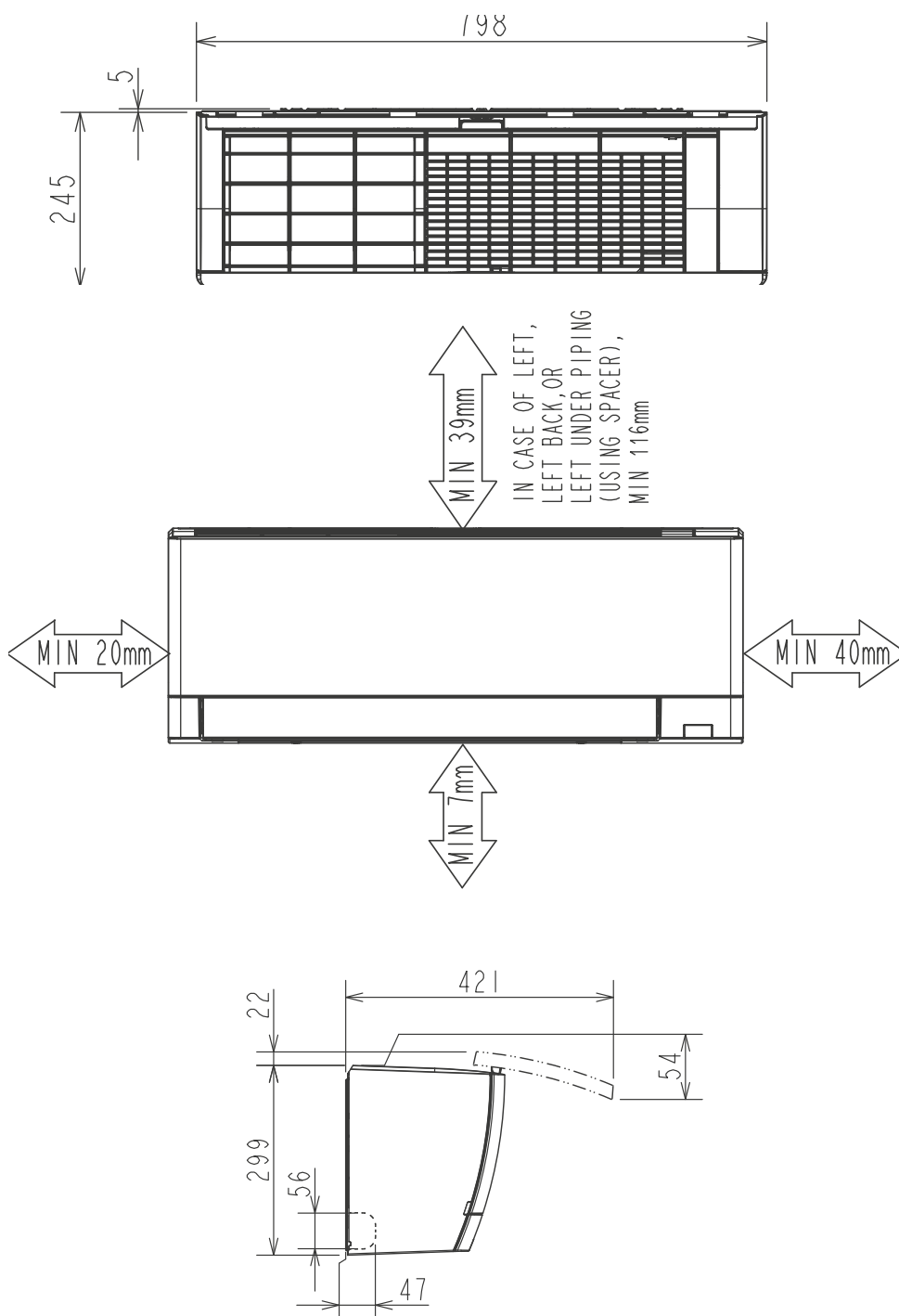
1.7 MSZ-AP15/20VGK
MSZ-AP Standaard wandunits

[NAAR DE INHOUD](#)



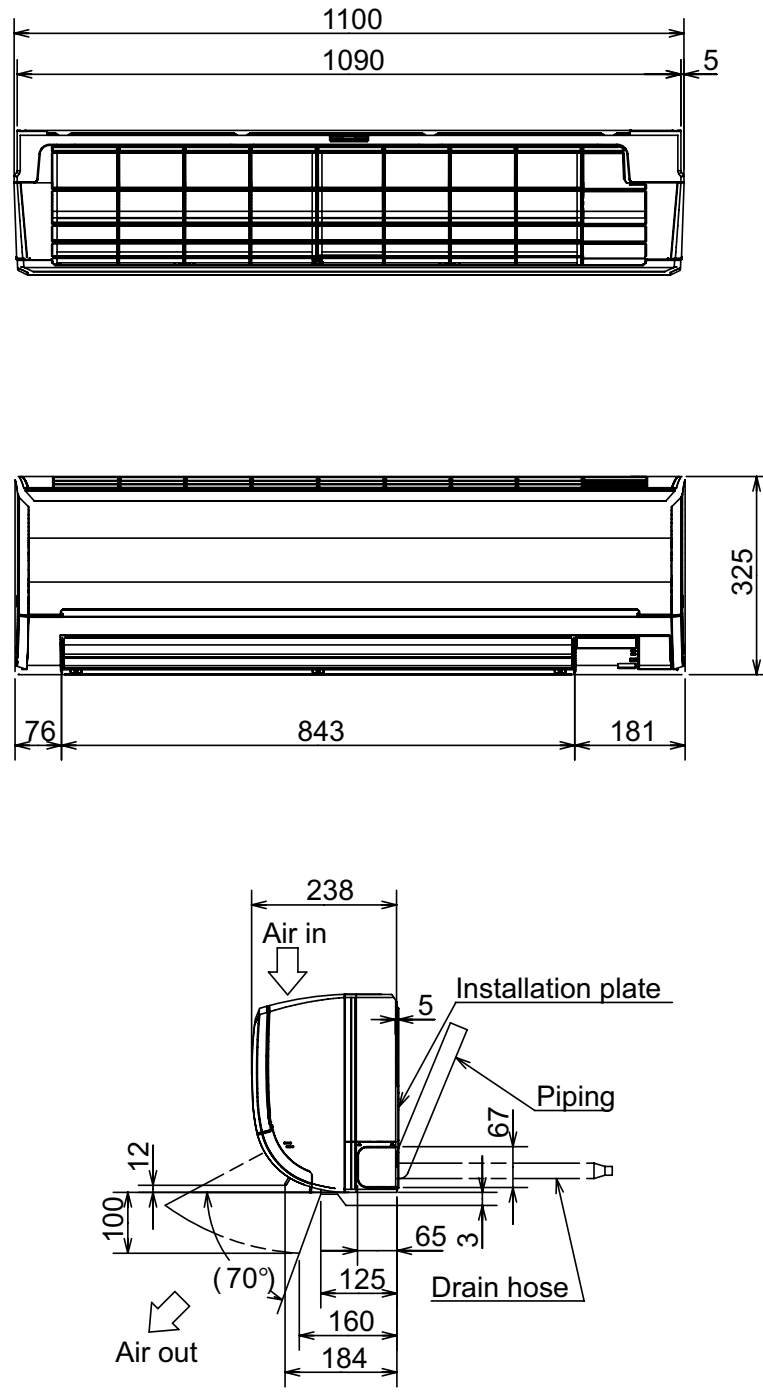
1.8 MSZ-AY25-50VGK
MSZ-AY Standaard wandunits

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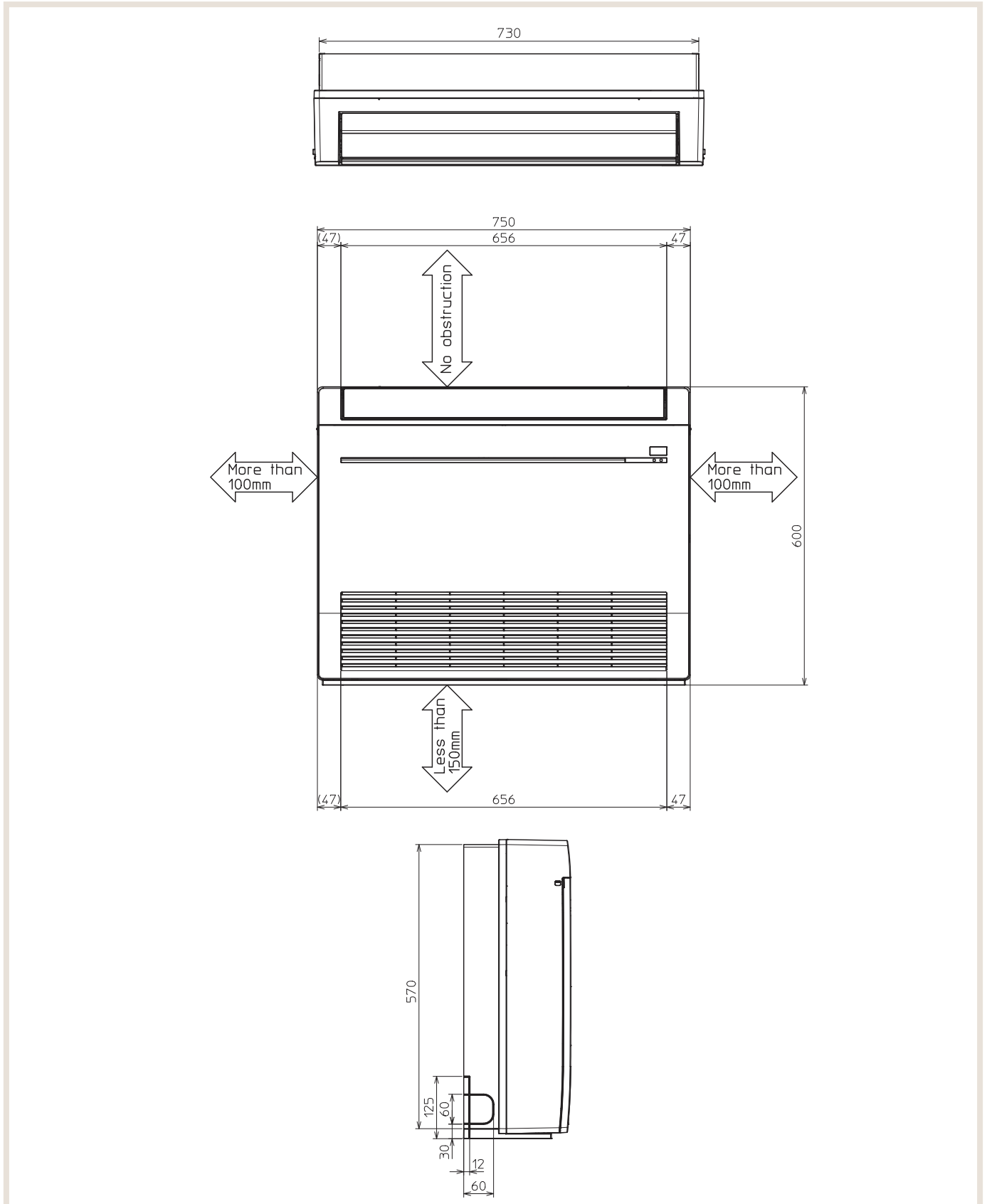
1.9 MSZ-AP60/71VGK
MSZ-AP Standaard wandunits

NAAR DE INHOUD



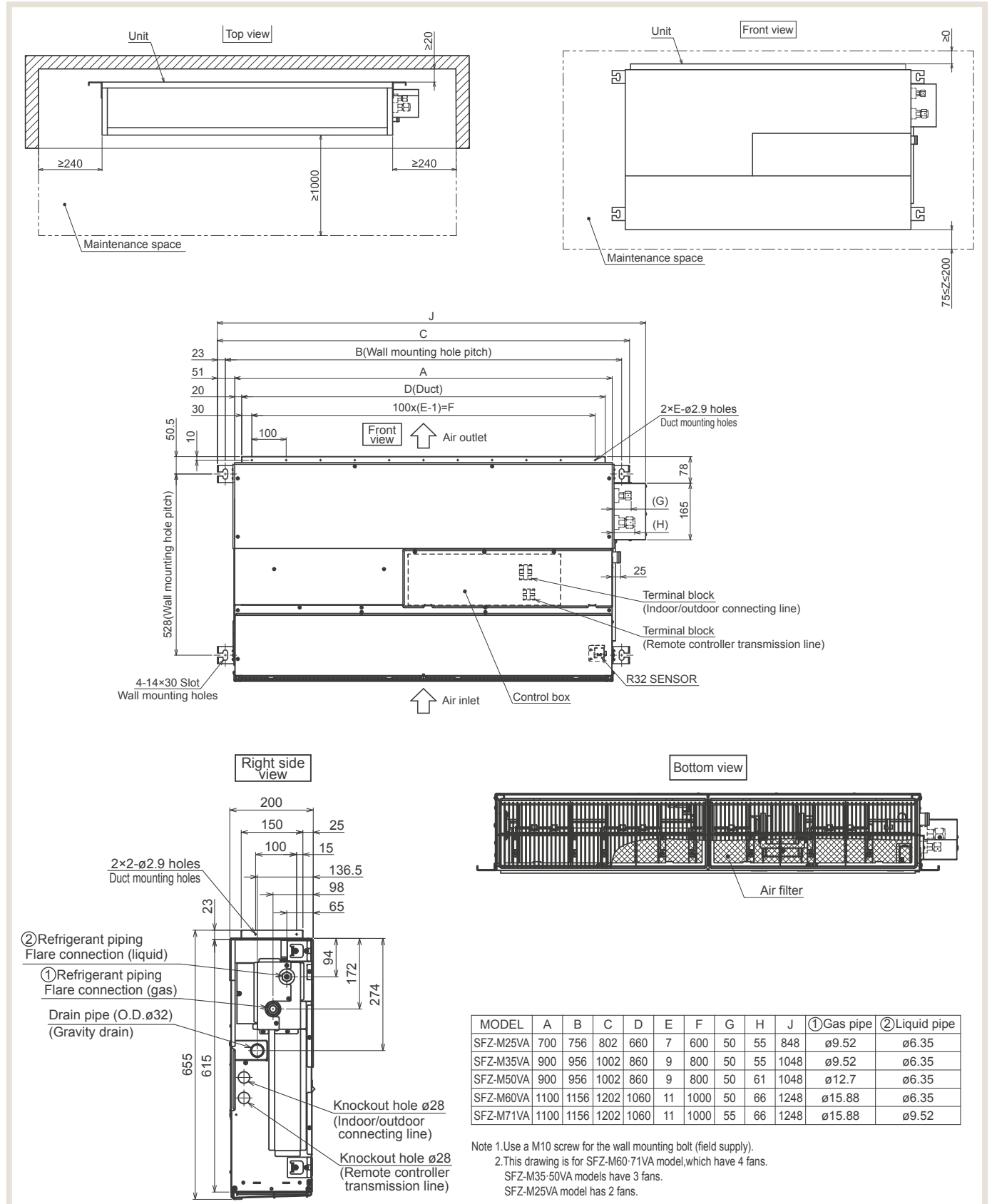
1.10 MFZ-KT25-60VG
MFZ-KT Compacte vloerunits

NAAR DE INHOUD



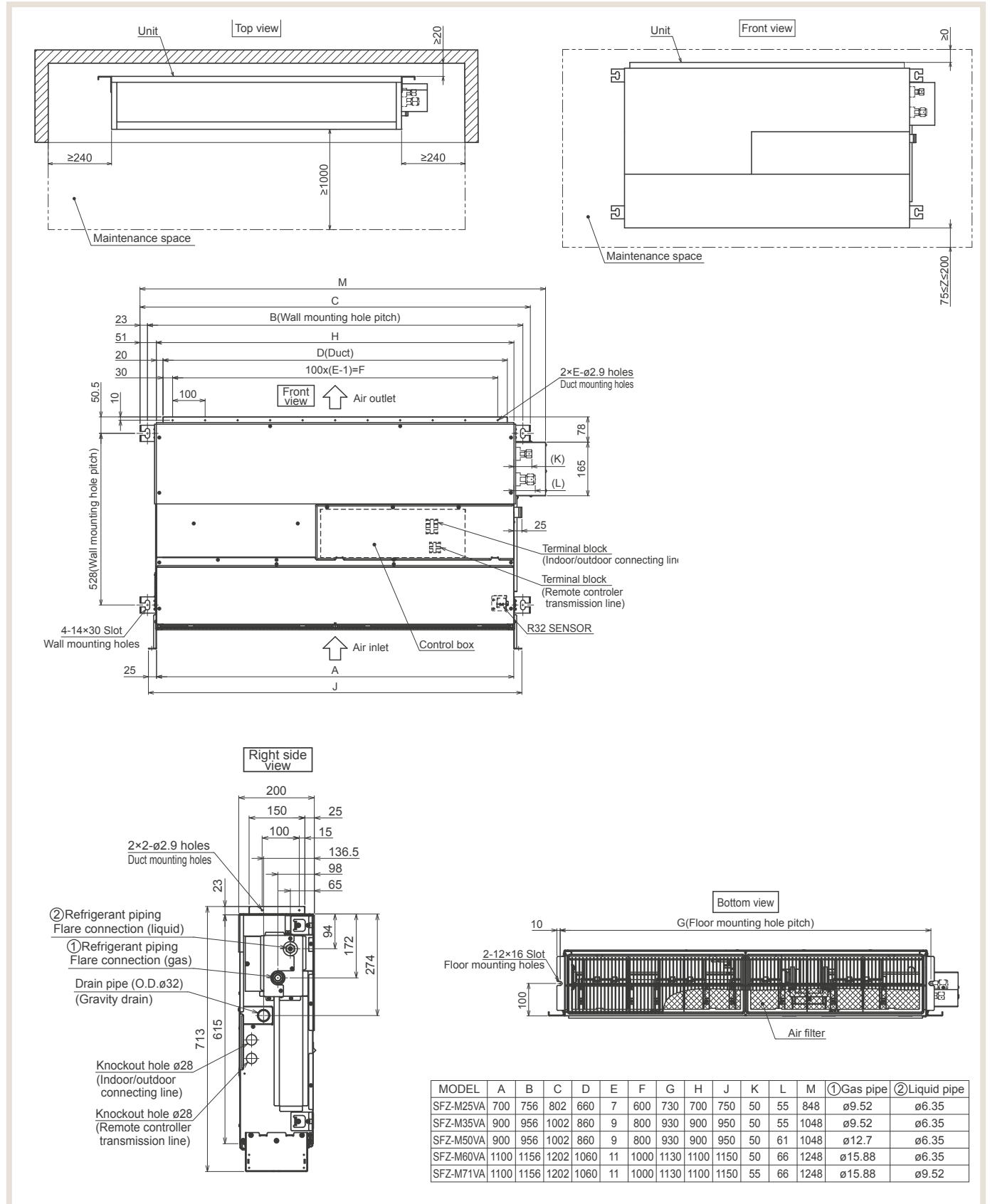
1.11 SFZ-M25-71VA
SFZ-M vloerunits zonder omkasting

NAAR DE INHOUD



1.12 SFZ-M25-71VA
SFZ-M vloerunits zonder omkasting

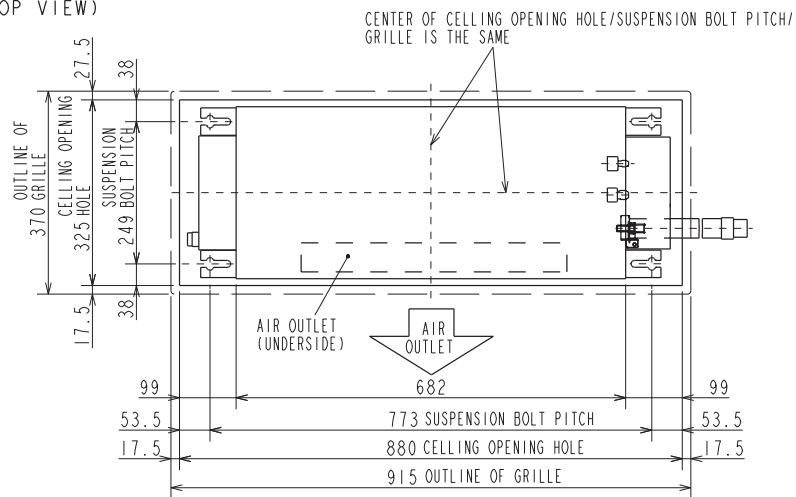
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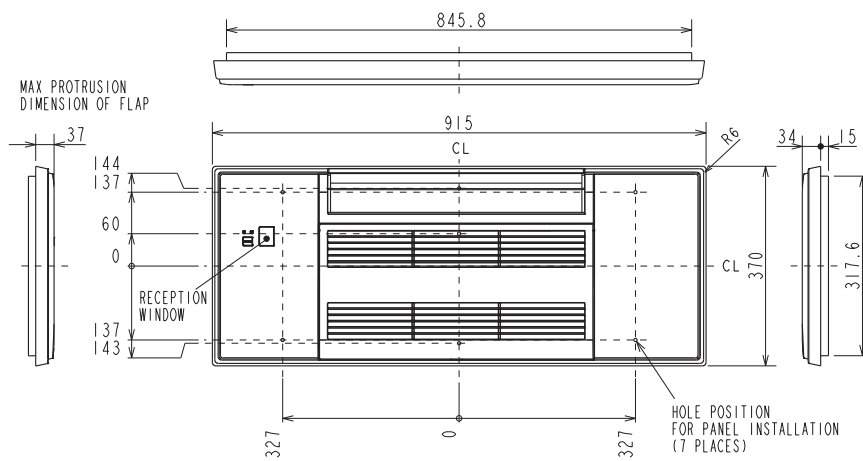
1.13 MLZ-KY20VG
1-weg cassette units MLZ-KY

NAAR DE INHOUD

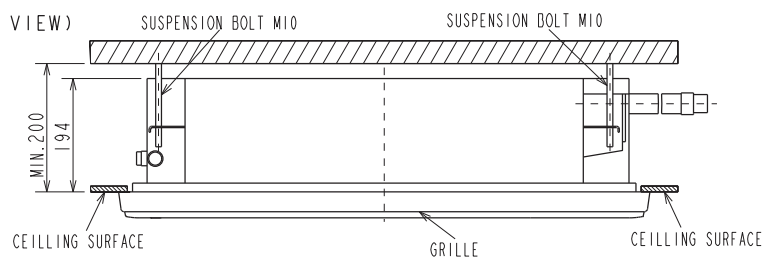
INDOOR UNIT DETAIL VIEW
(TOP VIEW)



GRILLE OUTLINE DRAWING
(MLP-448W)



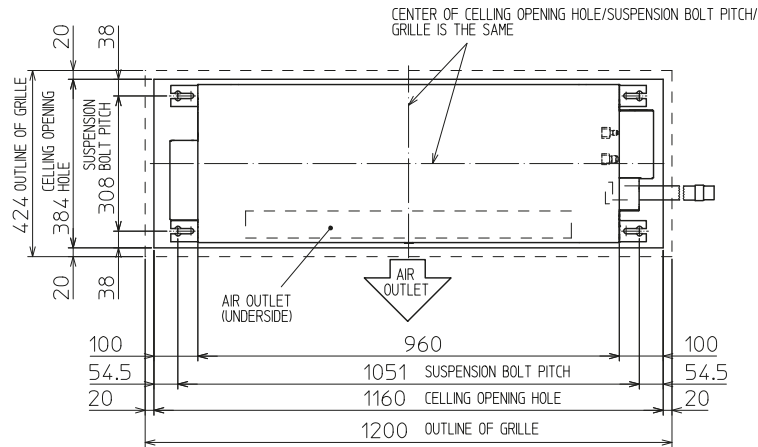
(FRONT VIEW)



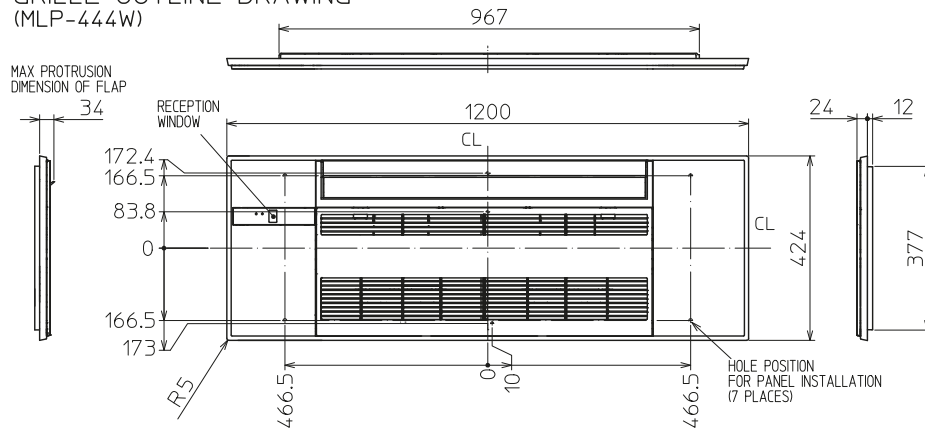
1.14 MLZ-KP25-50VF
1-weg cassette units MLZ-KP

NAAR DE INHOUD

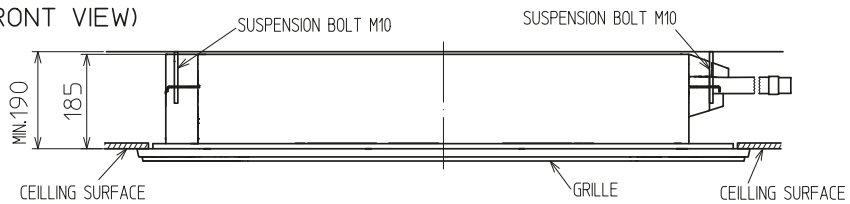
INDOOR UNIT DETAIL VIEW
(TOP VIEW)



GRILLE OUTLINE DRAWING
(MLP-444W)

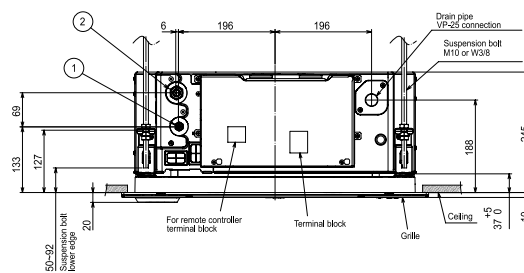
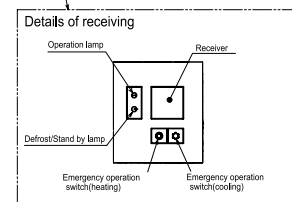
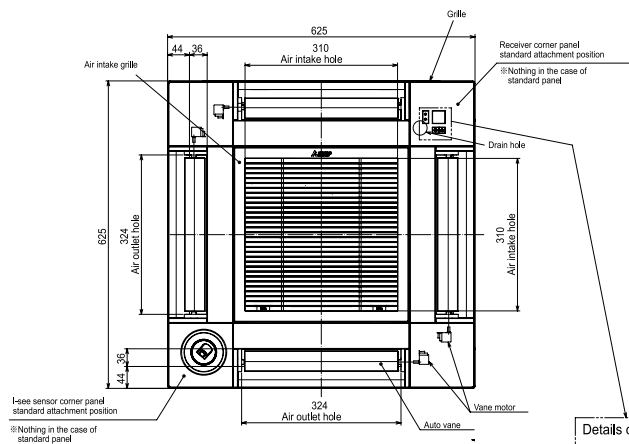
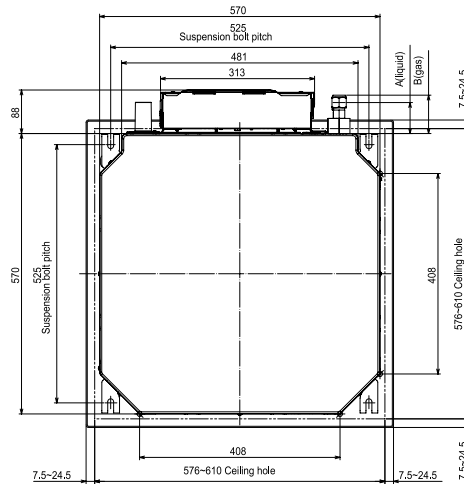


(FRONT VIEW)



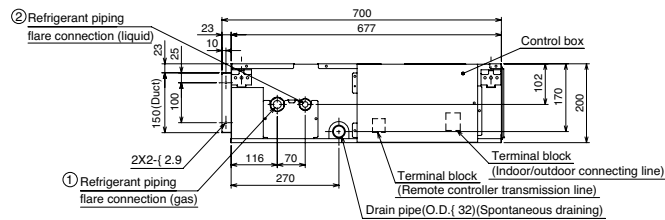
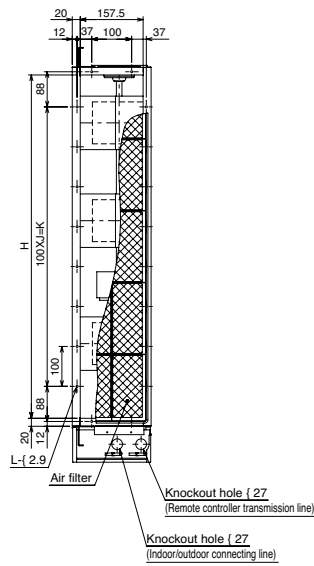
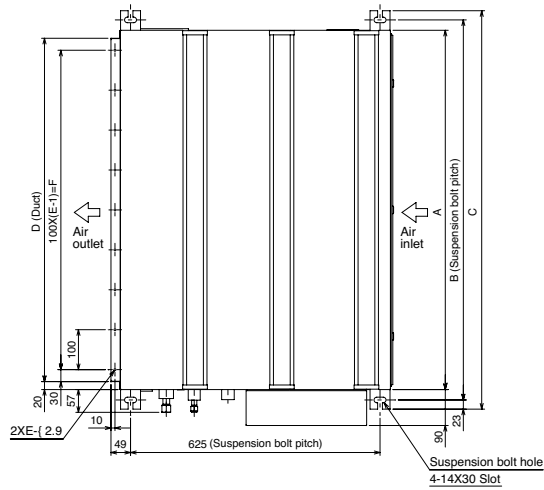
1.15 SLZ-M15-60FA2
SLZ-M 4-weg cassette units (60x60)

NAAR DE INHOUD



1.16 SEZ-M25-71DA2
SEZ-M kanaalunits

NAAR DE INHOUD

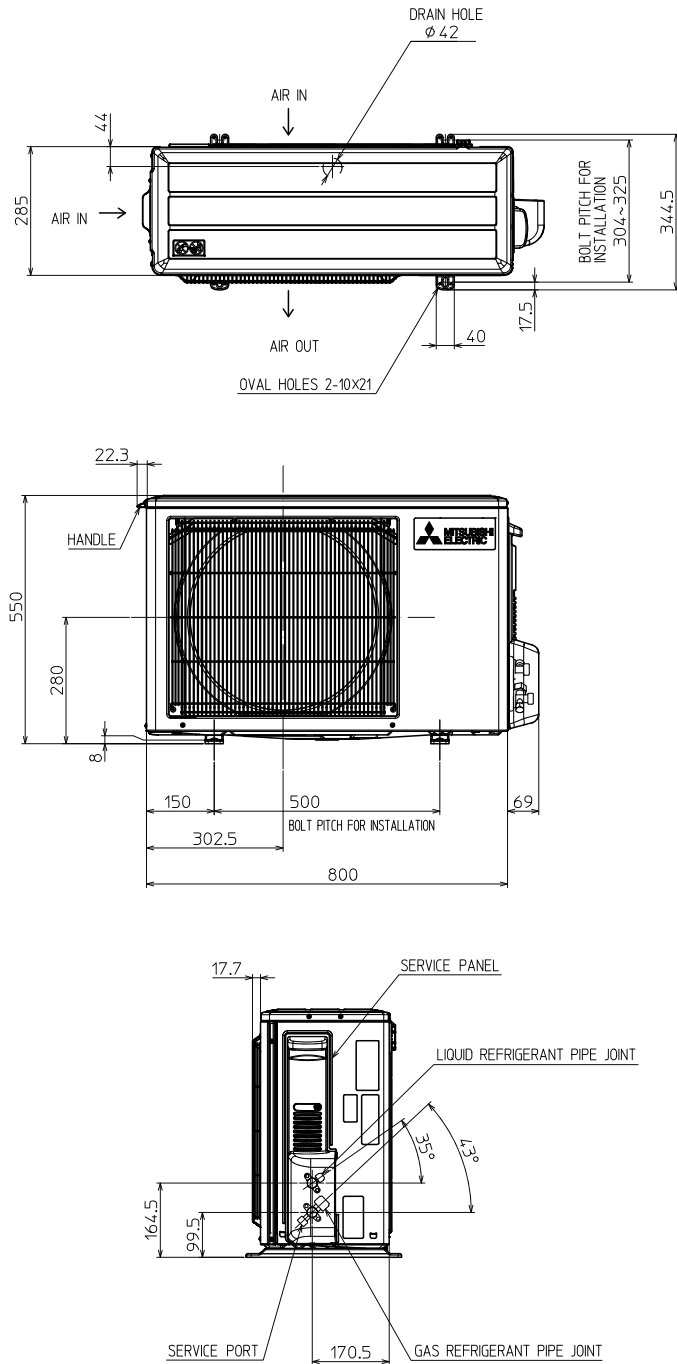


Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe	② Liquid pipe
SEZ-M25DA(L)	700	752	798	660	7	600	800	660	5	500	16	φ9.52	φ6.35
SEZ-M35DA(L)	900	952	998	860	9	800	1000	860	7	700	20		
SEZ-M60DA(L)	1100	1152	1198	1060	11	1000	1200	1060	9	900	24	φ15.88	φ9.52

- Note1. Use M10 screw for the suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for SEZ-M50DA(L) model, which has 3 fans.
 SEZ-M25, 35DA(L) models have 2 fans.
 SEZ-M60, 71DA(L) models have 4 fans.
 4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

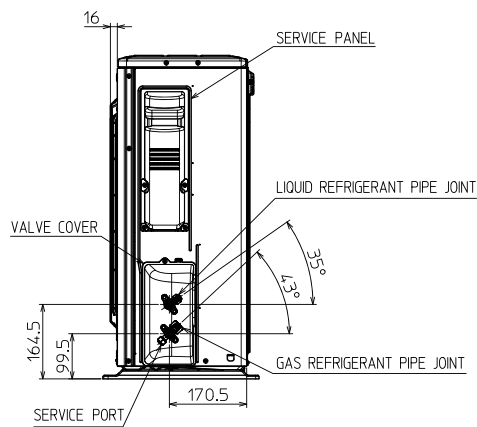
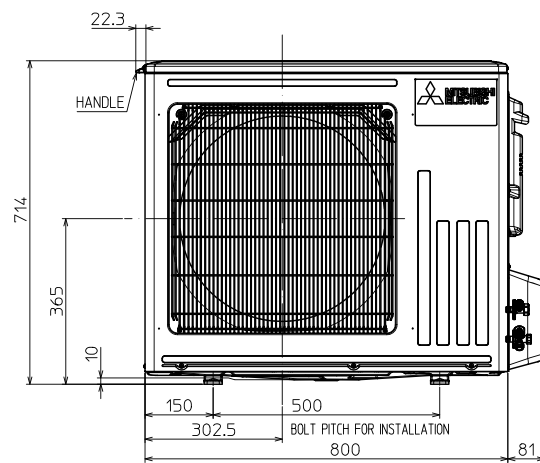
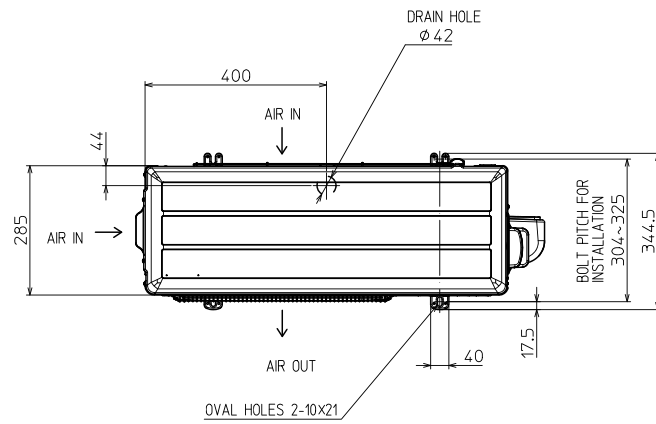
1.17 MUZ-LN25/35VG2
Inverter buitenunits MUZ

NAAR DE INHOUD



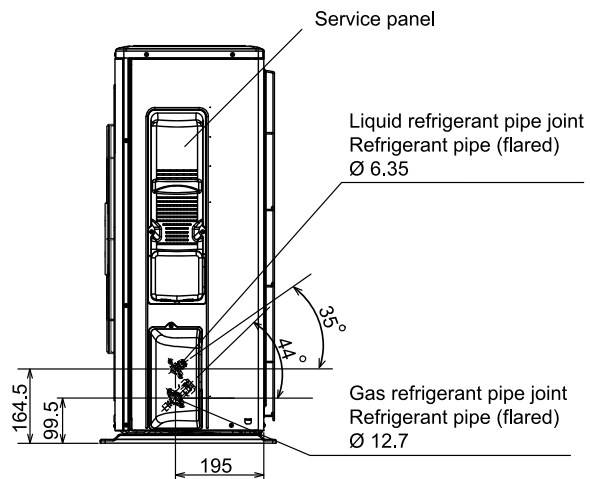
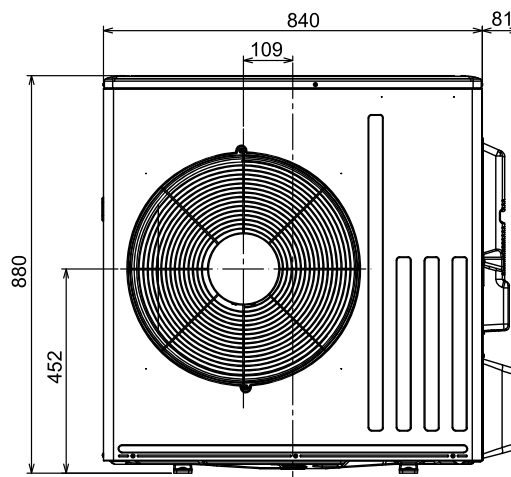
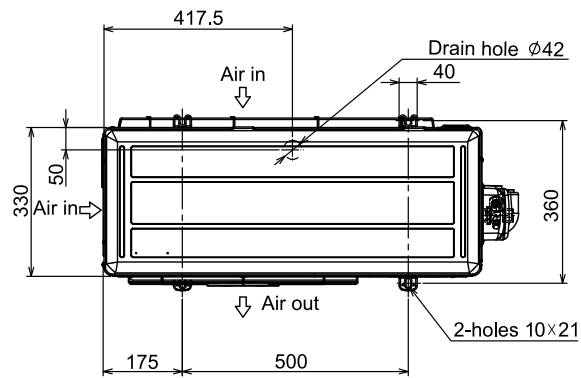
1.18 MUZ-LN50VG2
Inverter buitenunits MUZ

NAAR DE INHOUD



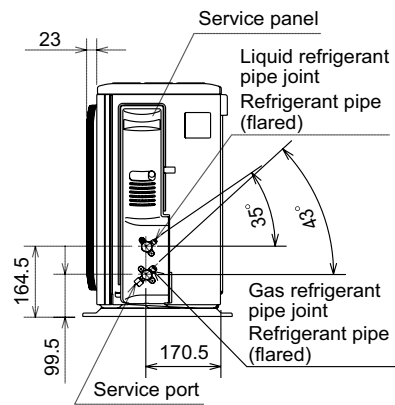
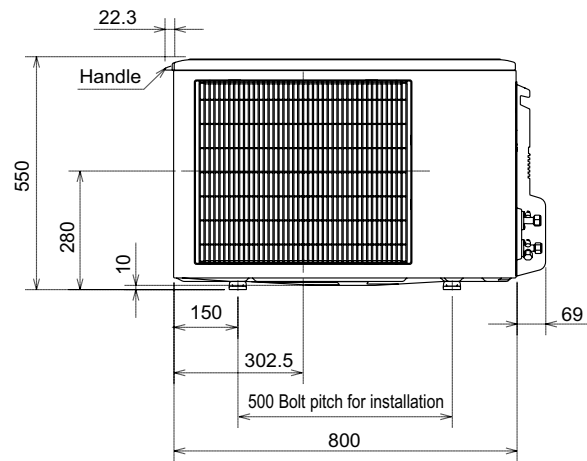
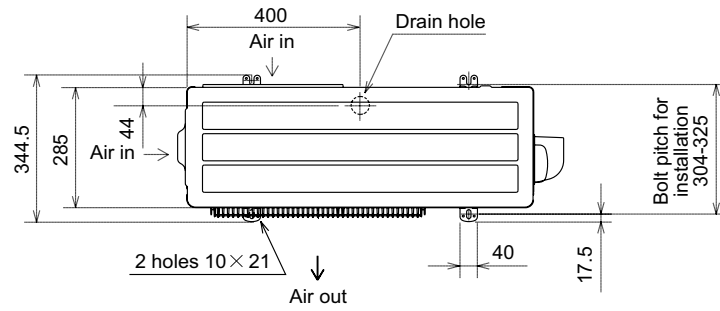
1.19 MUZ-LN60VG
 Inverter buitenunits MUZ

NAAR DE INHOUD



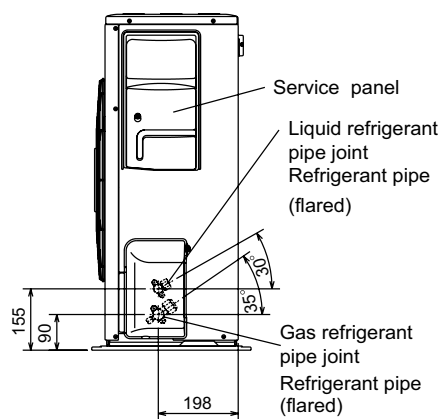
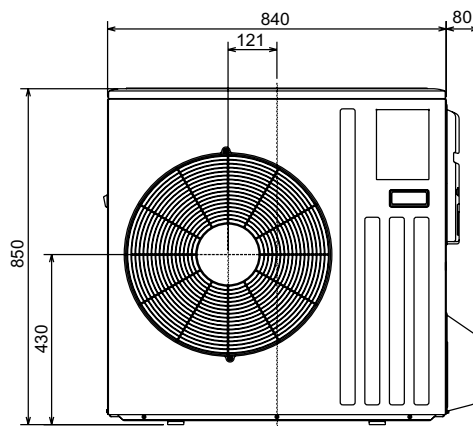
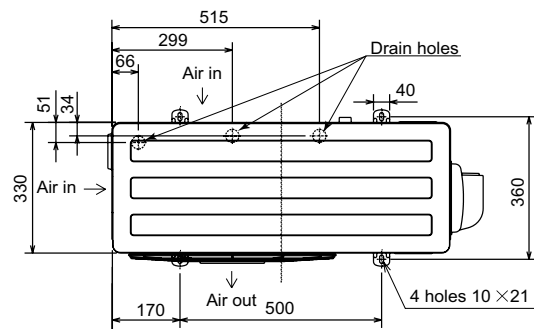
1.20 MUZ-EF25-42VG
 Inverter buitenunits MUZ

NAAR DE INHOUD



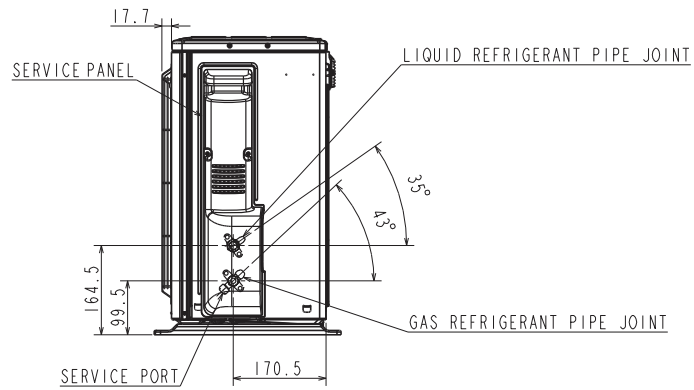
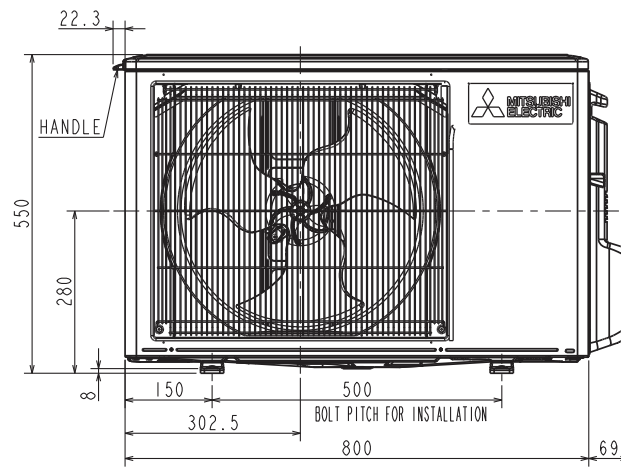
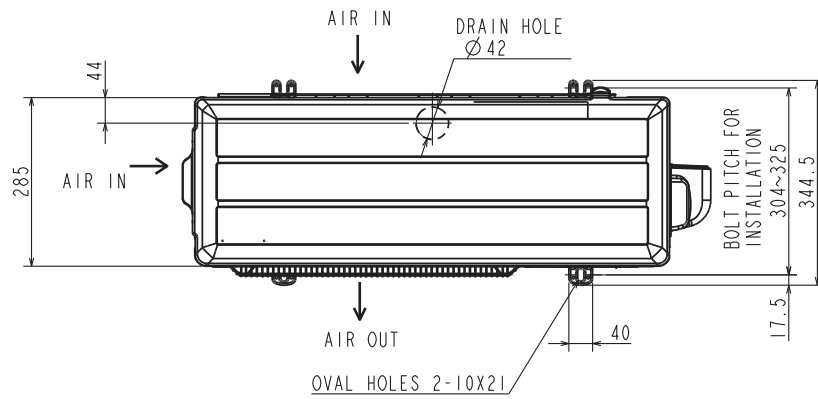
1.21 MUZ-EF50VG
Inverter buitenunits MUZ

NAAR DE INHOUD



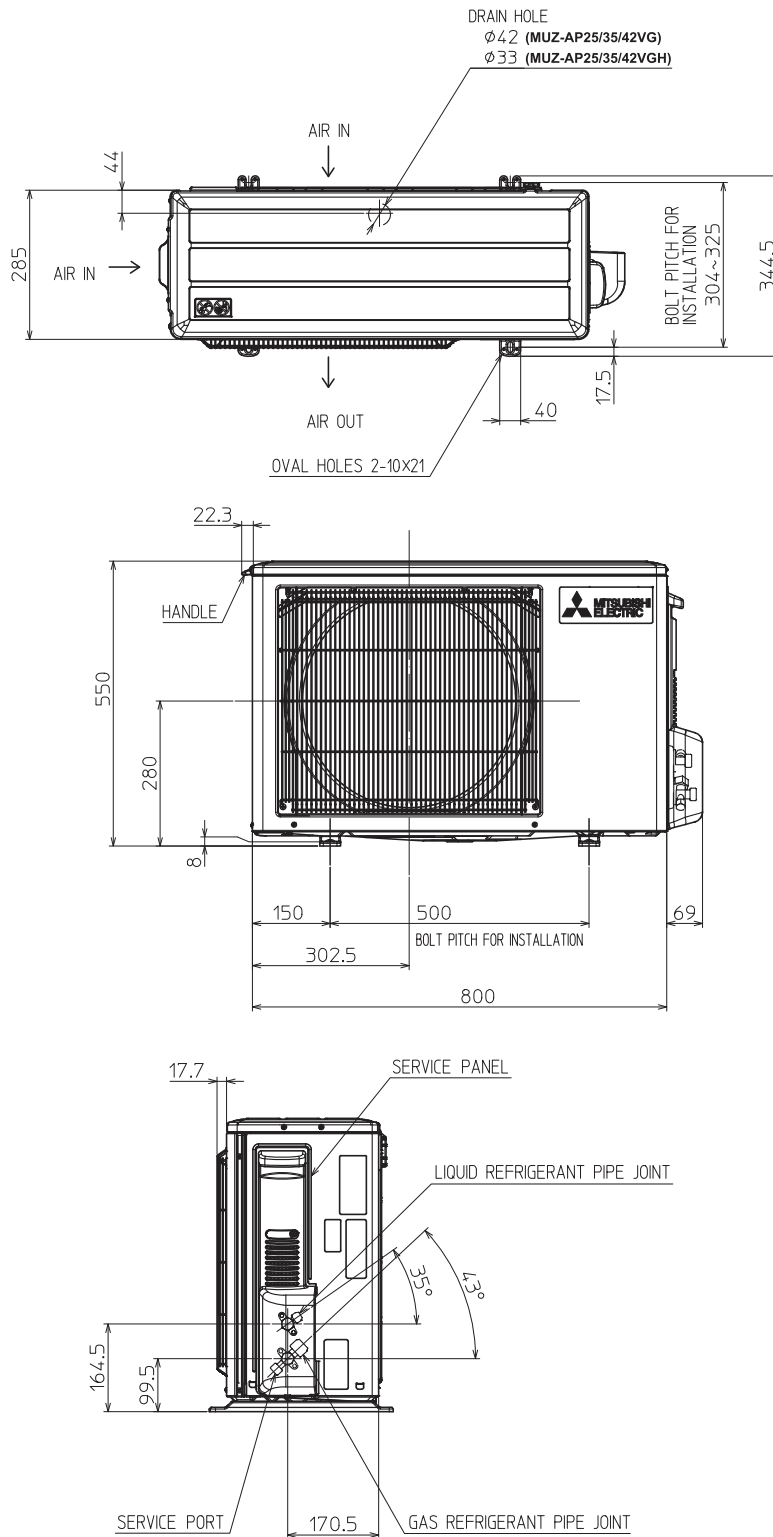
1.22 MUZ-AP20VG
Inverter buitenunits MUZ

NAAR DE INHOUD



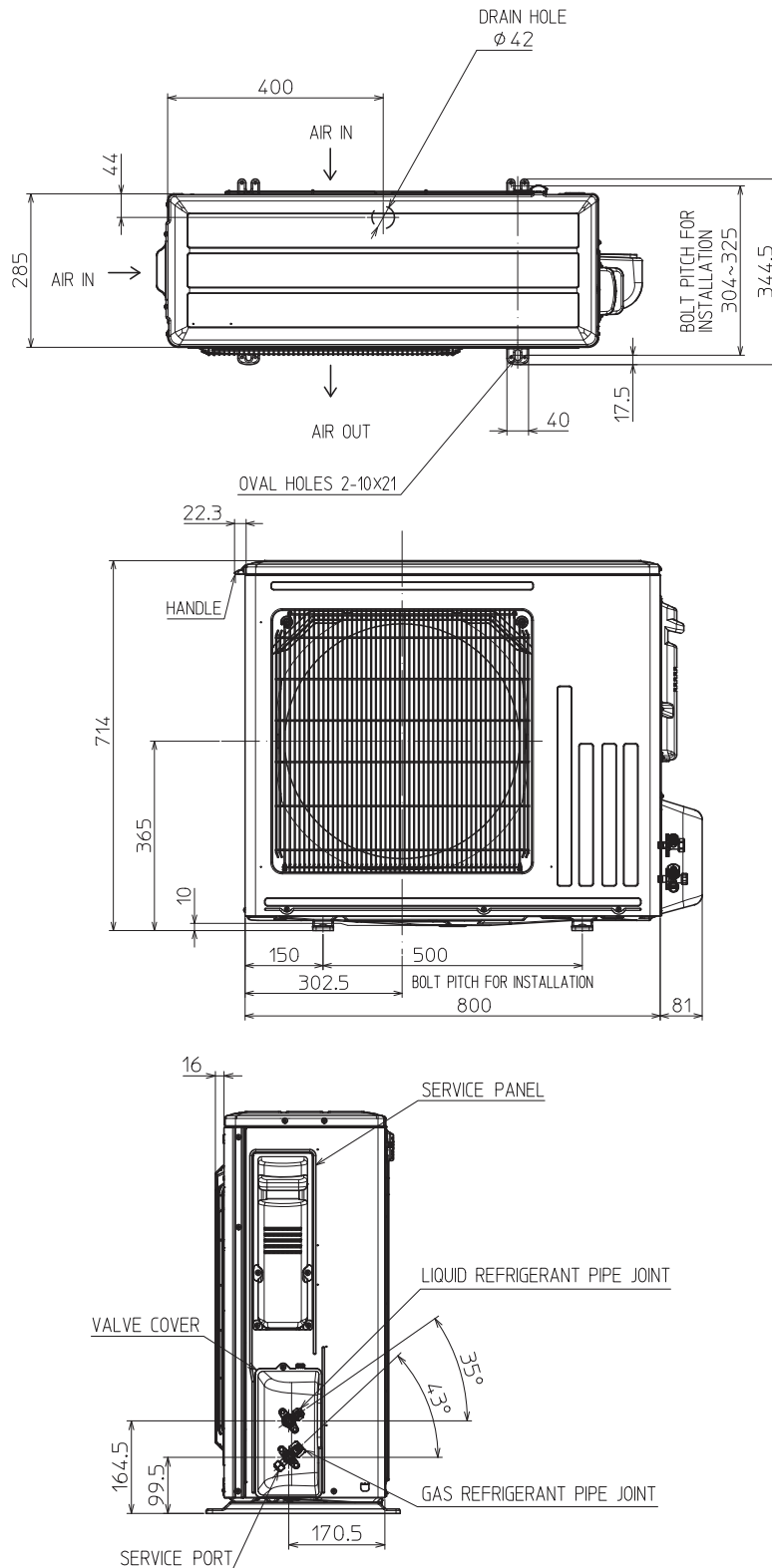
1.23 MUZ-AY25-42VG
Inverter buitenunits MUZ

NAAR DE INHOUD



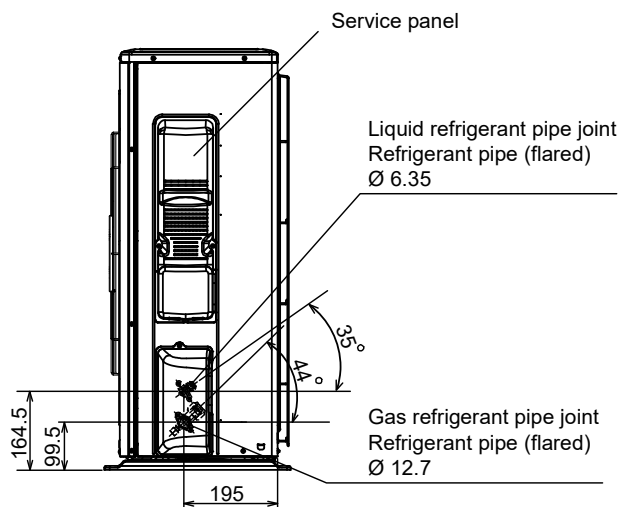
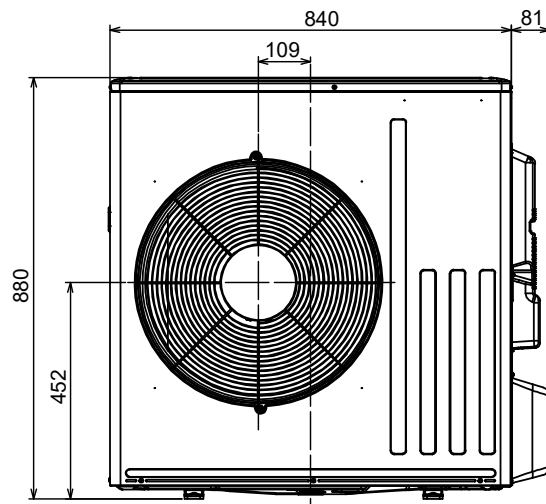
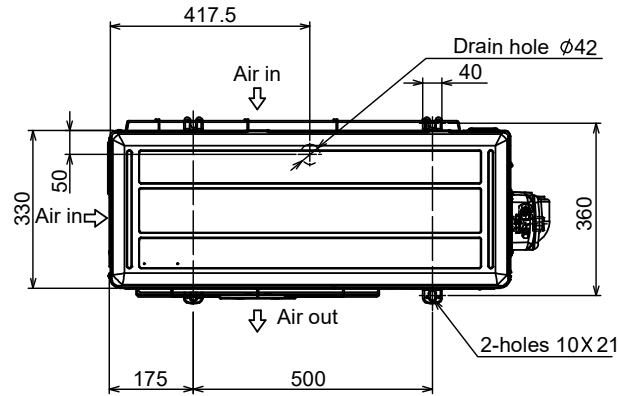
1.24 MUZ-AY50VG
Inverter buitenunits MUZ

NAAR DE INHOUD



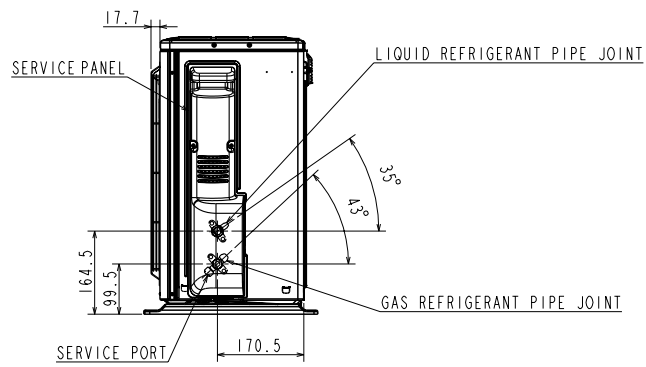
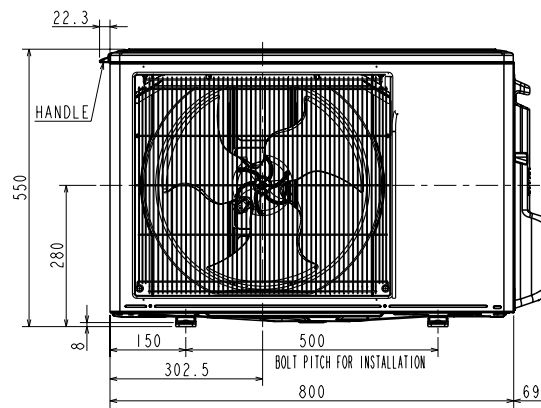
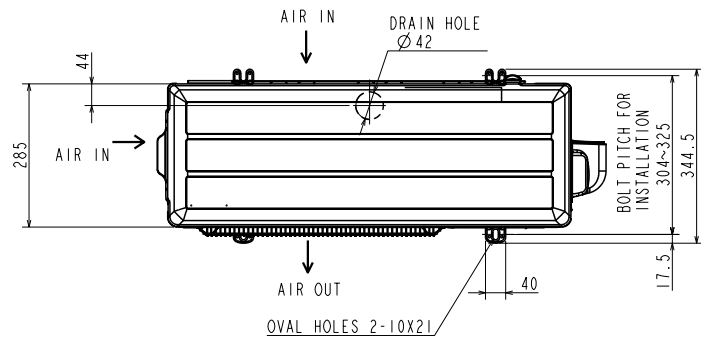
1.25 MUZ-AP60/71VG
 Inverter buitenunits MUZ

NAAR DE INHOUD



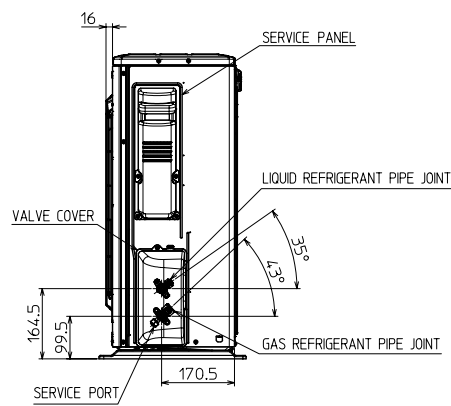
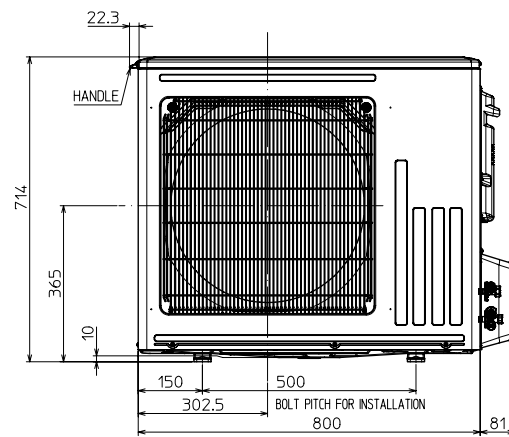
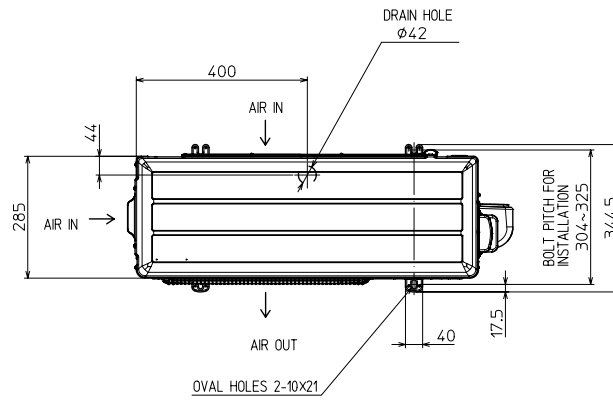
1.26 SUZ-M25/35VA
Inverter buitenunits SUZ

NAAR DE INHOUD



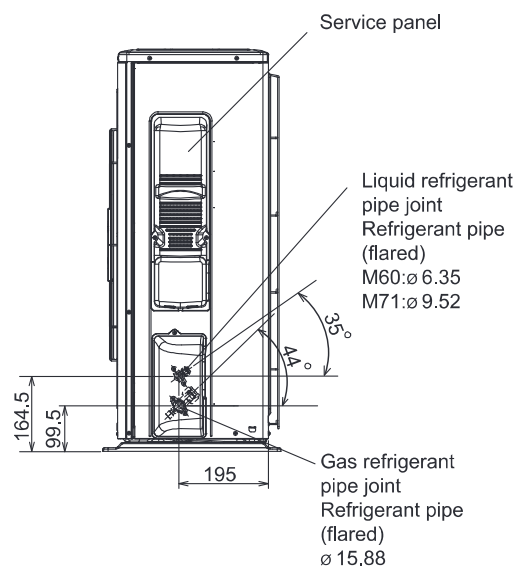
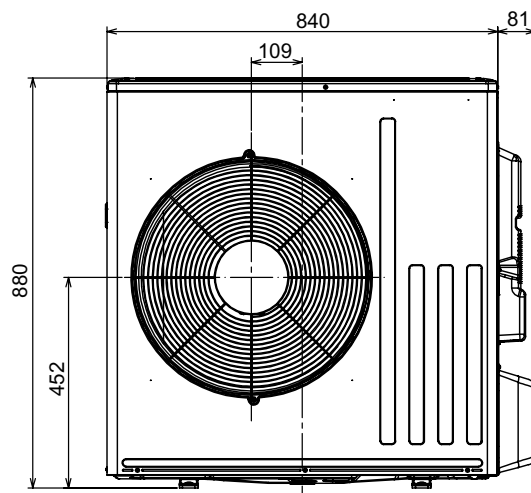
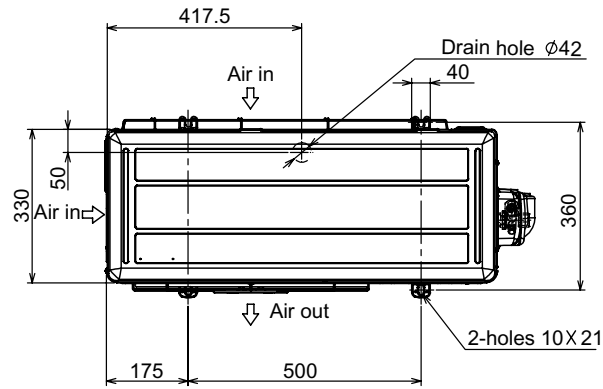
1.27 SUZ-M50VA
Inverter buitenunits SUZ

NAAR DE INHOUD



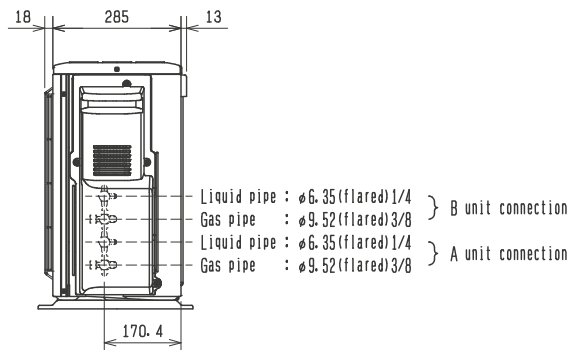
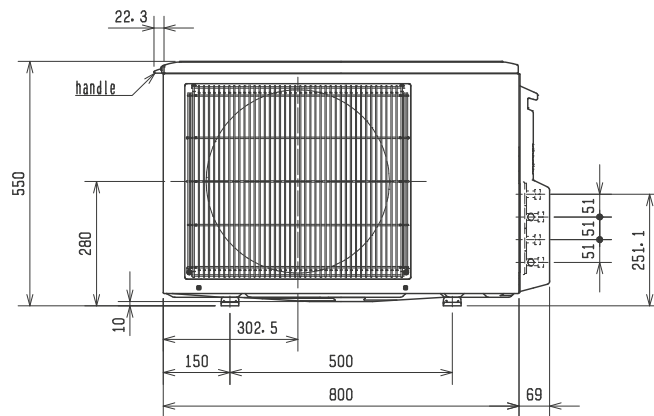
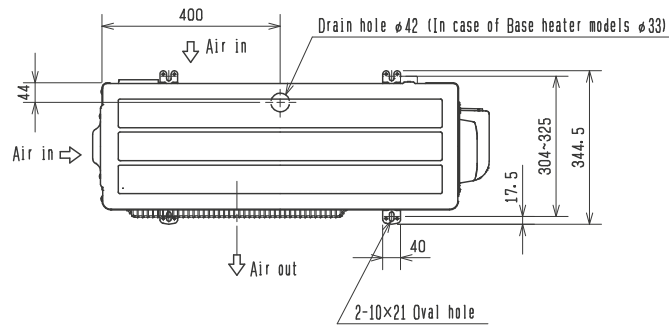
1.28 SUZ-M60/71VA
Inverter buitenunits SUZ

NAAR DE INHOUD



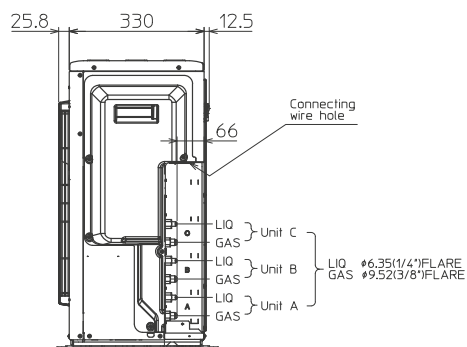
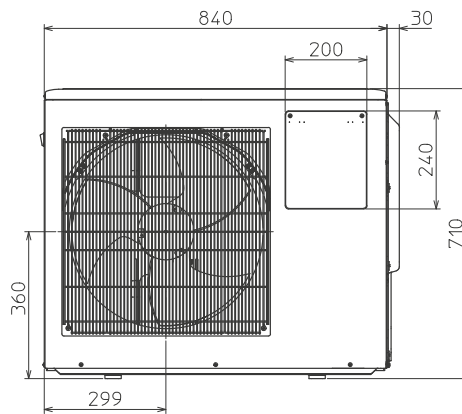
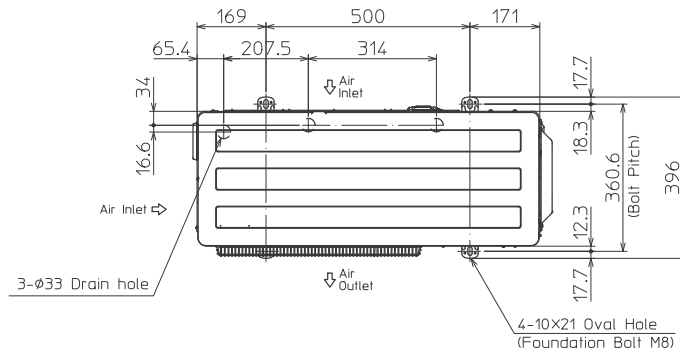
1.29 MXZ-2F33-53VF4
MXZ Multisplit buitenunits

NAAR DE INHOUD



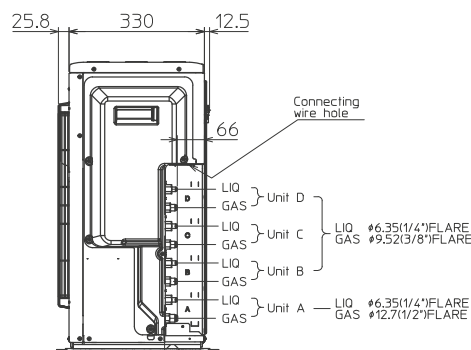
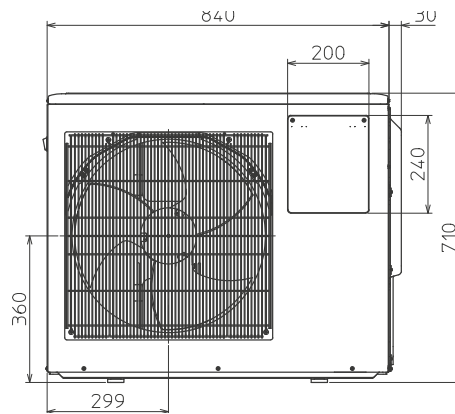
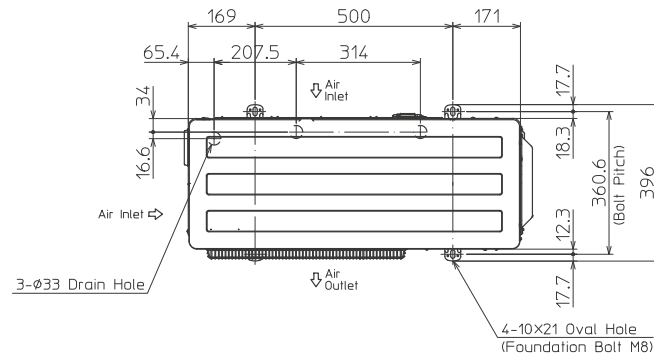
1.30 MXZ-3F54/68VF4
MXZ Multisplit buitenunits

NAAR DE INHOUD



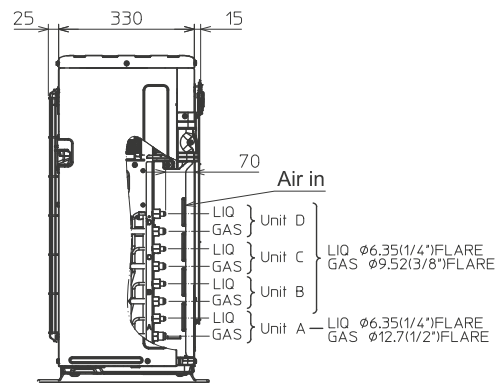
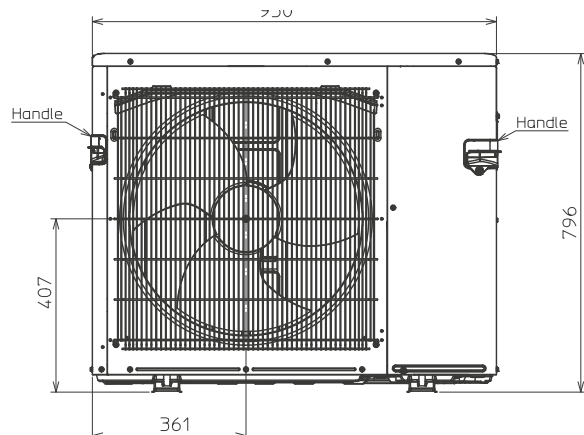
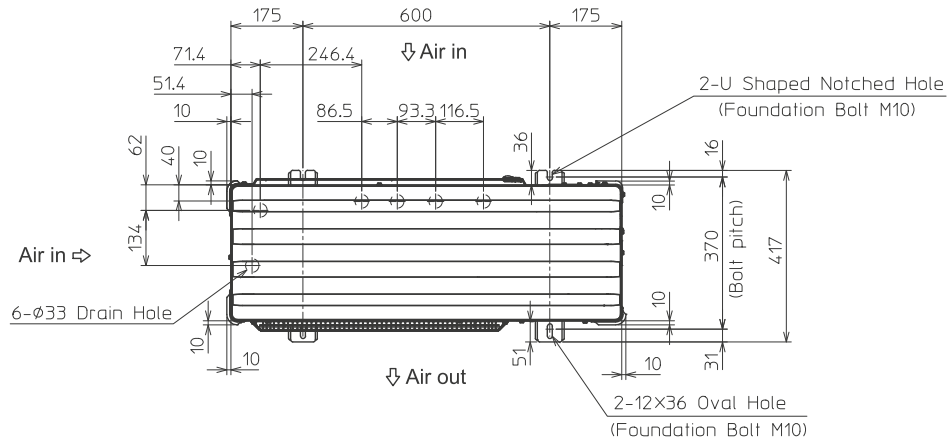
1.31 MXZ-4F72/80VF4
MXZ Multisplit buitenunits

NAAR DE INHOUD



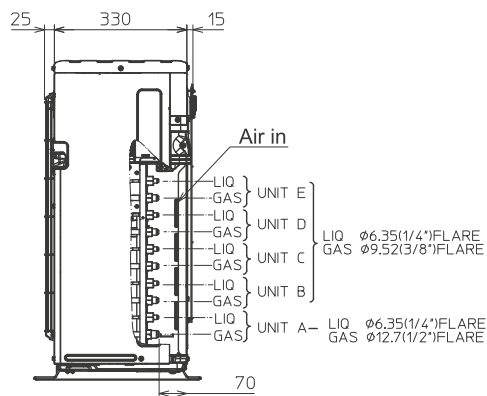
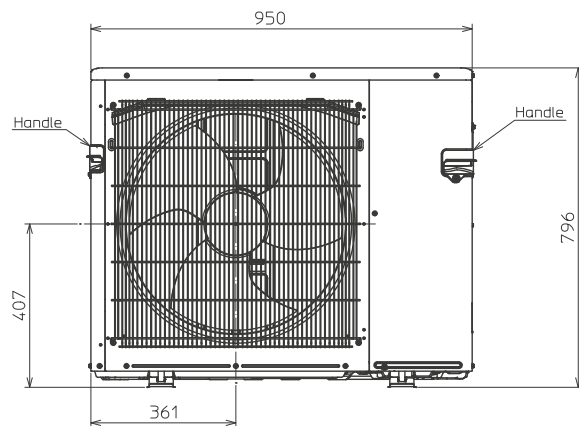
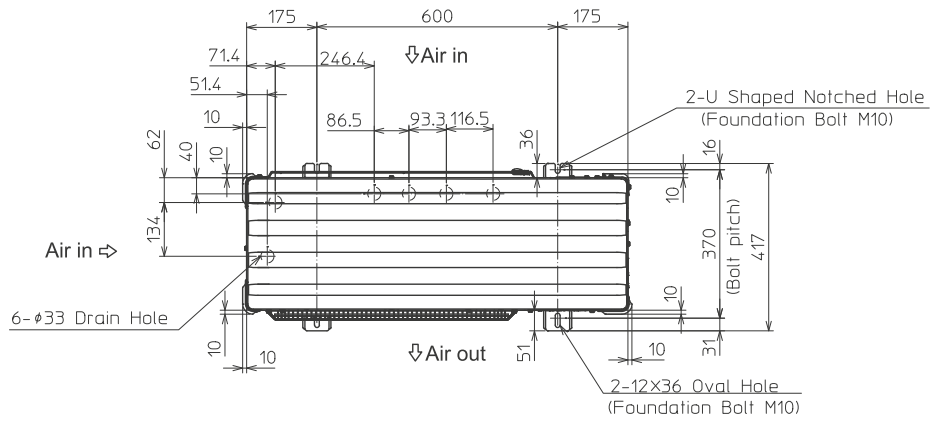
1.32 MXZ-4F83VF2
MXZ Multisplit buitenunits

NAAR DE INHOUD



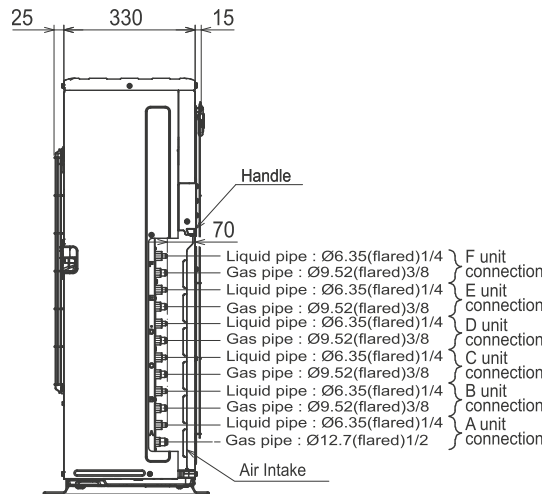
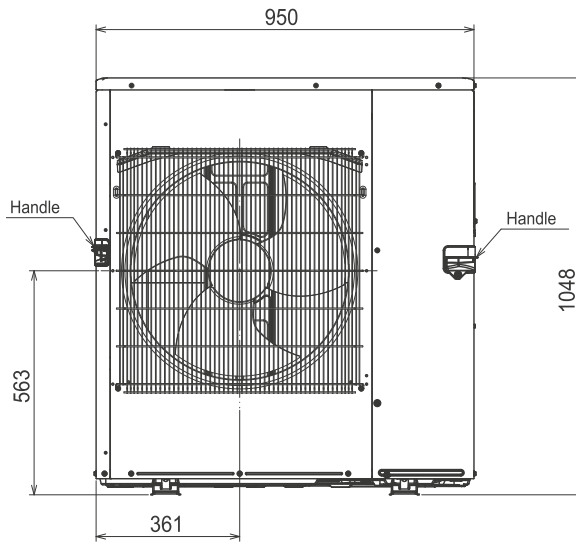
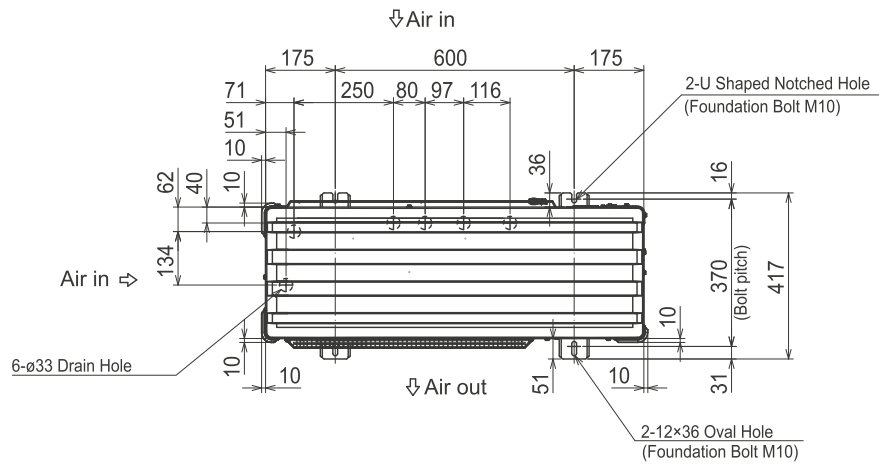
1.33 MXZ-5F102VF2
MXZ Multisplit buitenunits

NAAR DE INHOUD



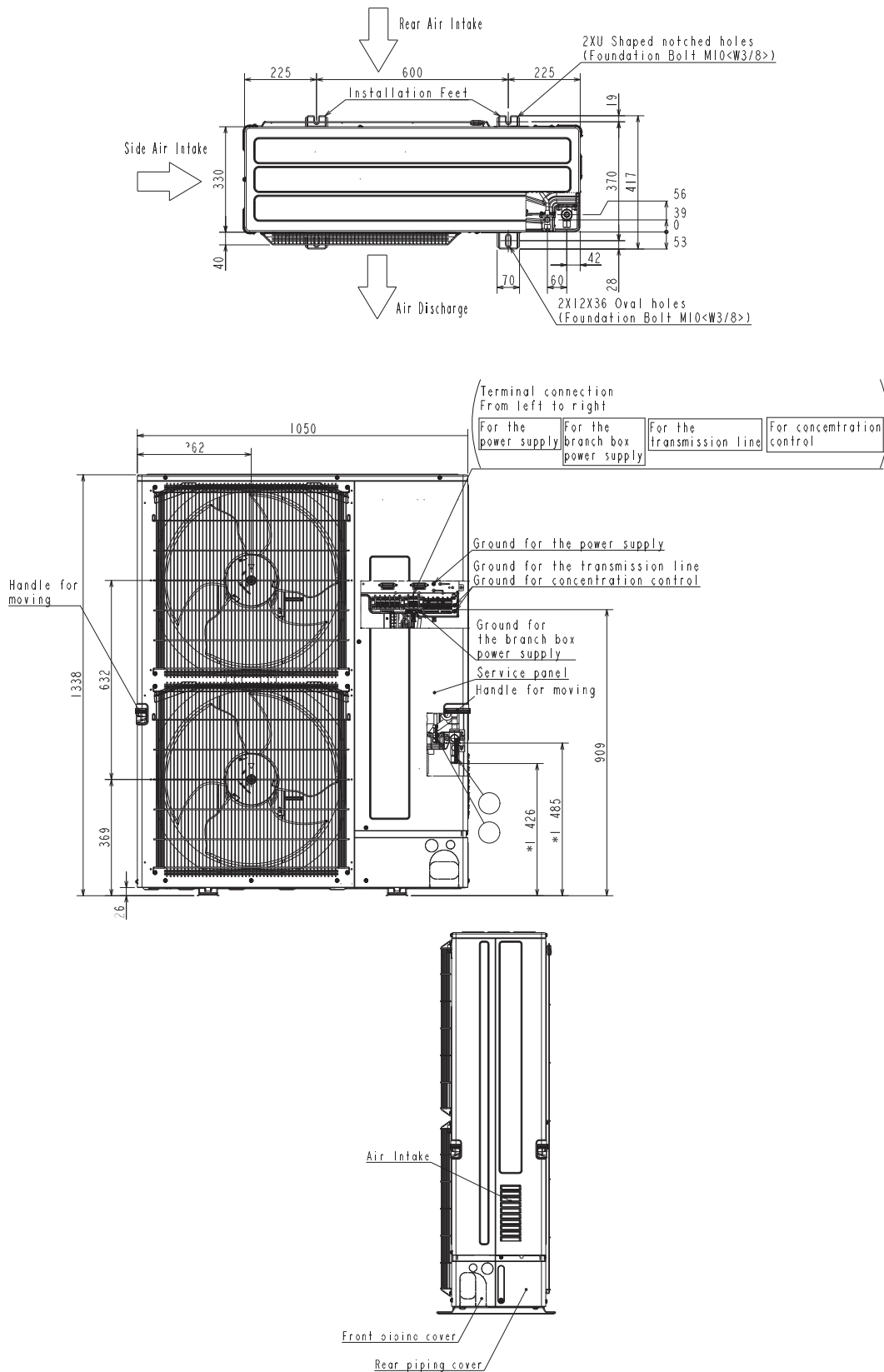
1.34 MXZ-6F120VF2
MXZ Multisplit buitenunits

NAAR DE INHOUD



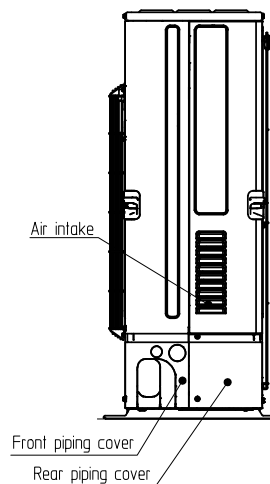
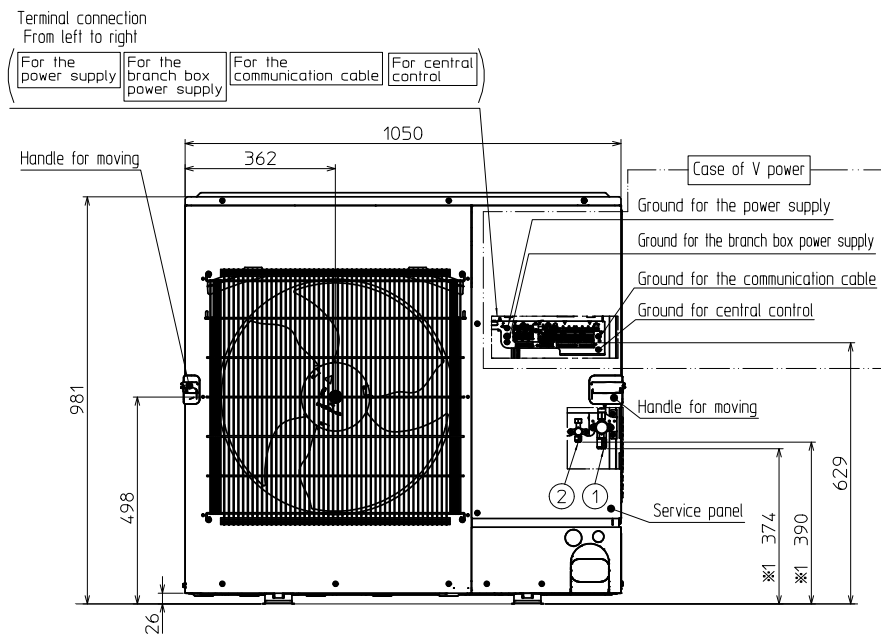
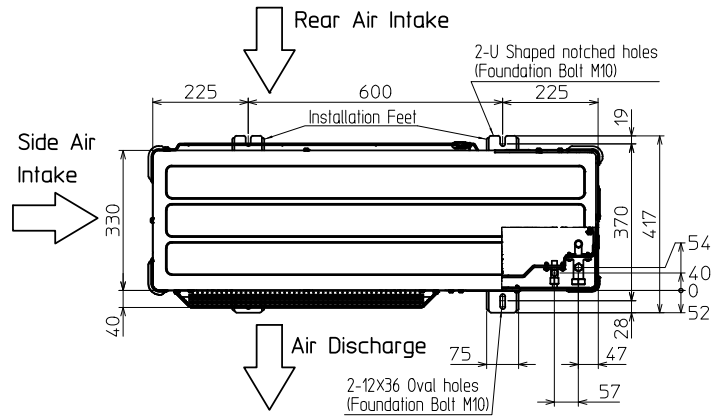
1.35 PUMY-P112-140VKM6/YKM5
PUMY Multisplit buitenunits

NAAR DE INHOUD



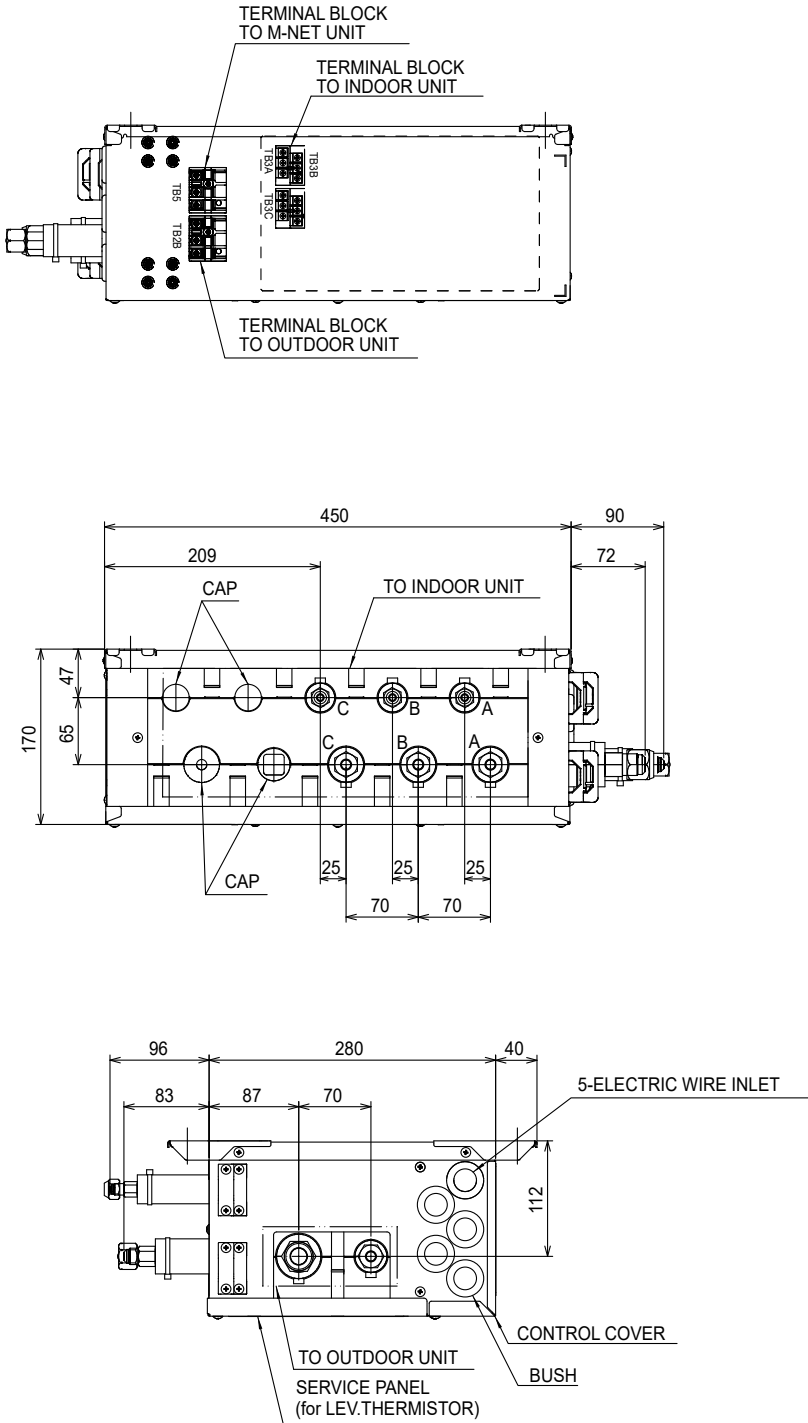
1.36 PUMY-SP112-140VKM/YKM
PUMY Multisplit buitenunits

NAAR DE INHOUD



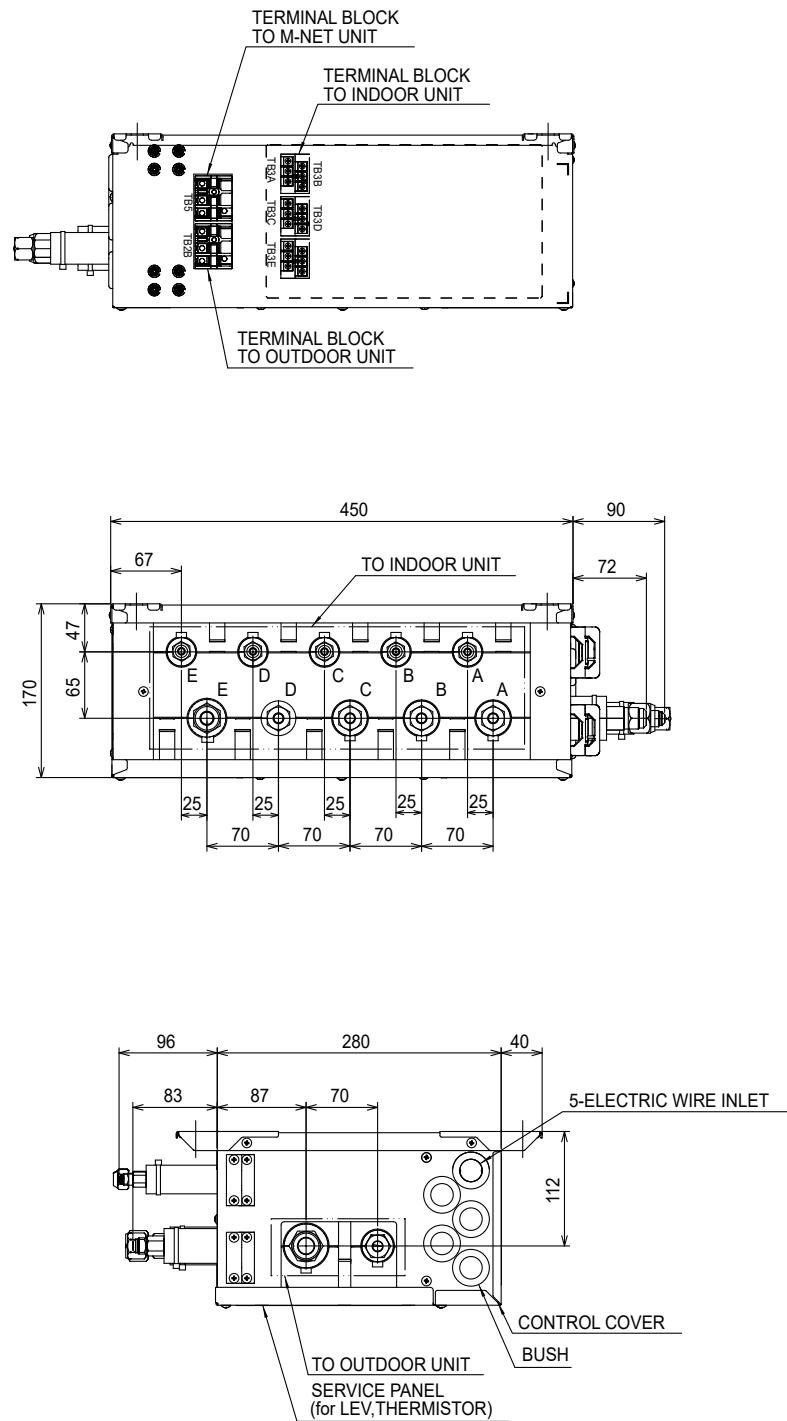
1.37 PAC-MK34BC
Multi Split Branch Boxes

NAAR DE INHOUD



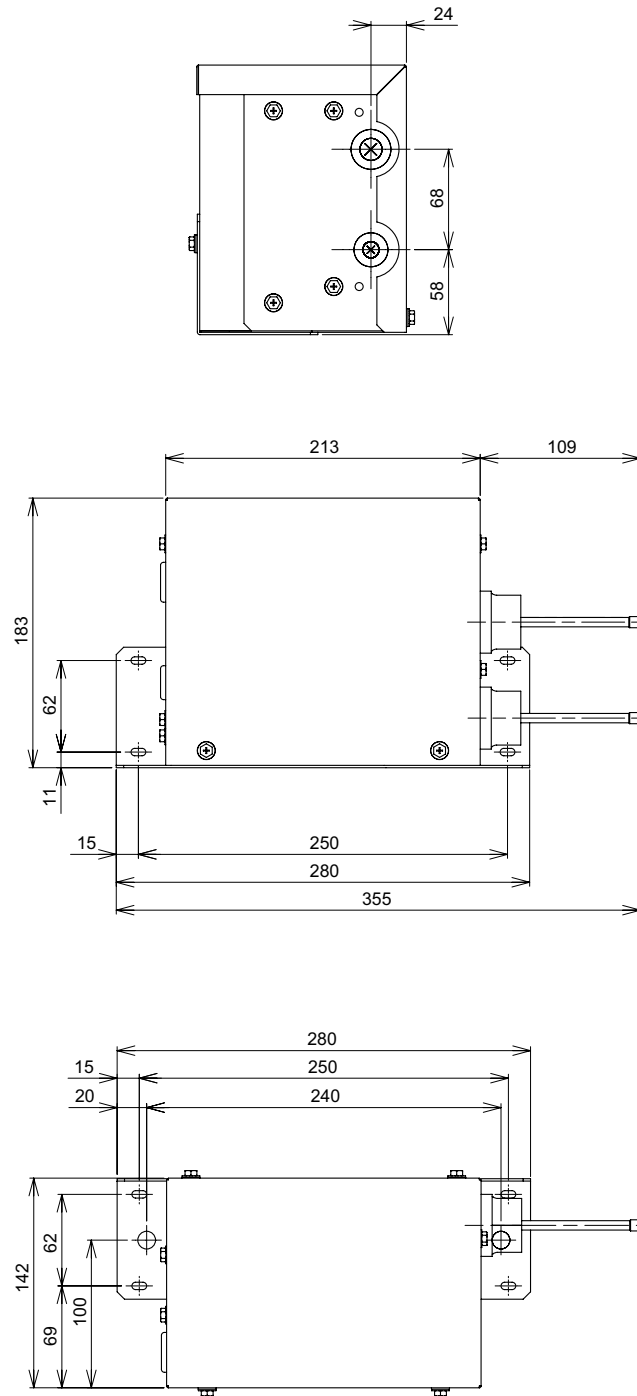
1.38 PAC-MK54BC
Multi Split Branch Boxes

NAAR DE INHOUD



1.39 PAC-LV11M-J
Multi Split Branch Boxes

[NAAR DE INHOUD](#)



2. Mr. Slim

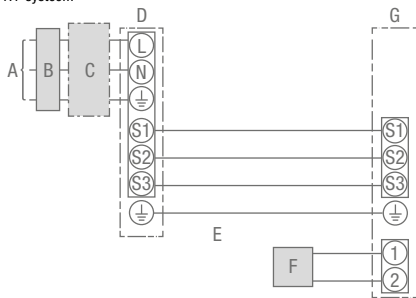
2.1 Elektrisch schakelschema Mr. Slim-systemen

NAAR DE INHOUD

Elektrisch schakelschema Mr. Slim-systemen

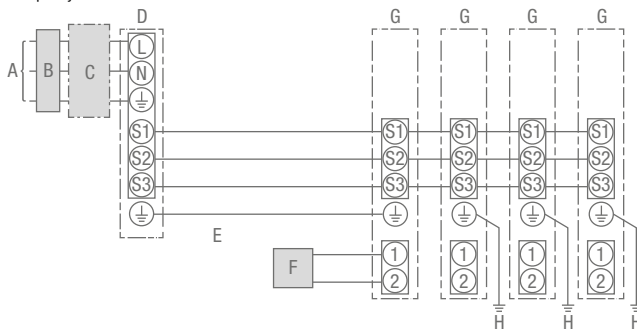
De voedingsspanning van de buitenunit is afhankelijk van het Type unit

1:1-systeem



- A Voedingsspanning van de buitenunit
- B Beveiligingsschakelaar bij stroomstoringen
- C Zekering
- D Buitenunit
- E Verbindingsleiding tussen binnen- en buitenunit
- F Afstandsbediening
- G Binnenunit

Multisplit-System Duo/Trio/Quattro



- A Voedingsspanning van de buitenunit
- B Beveiligingsschakelaar bij stroomstoringen
- C Zekering
- D Buitenunit
- E Verbindingsleiding tussen binnenunit/buitenunit
- F Afstandsbediening
- G Binnenunit
- H Aardingsleiding van de binnenunit

Specificaties van de verbindingskabels

Aantal draden en diameter (mm ²)	Binnenunit – buitenunit	¹	4 x 1,5 mm ²
	Aansluiting afstandsbediening	²	2 x 0,3 mm ²
Nominale spanning van de stroomkring	Binnenunit – buitenunit	³	AC 230 V
	Binnenunit – buitenunit	³	DC 24 V
	Aansluiting afstandsbediening	³	DC 12 V

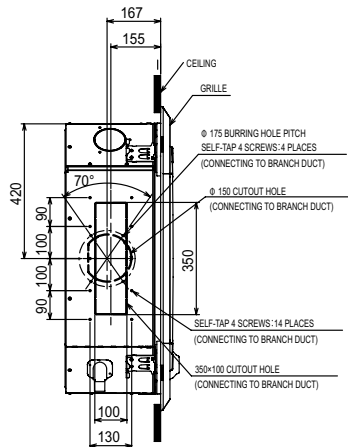
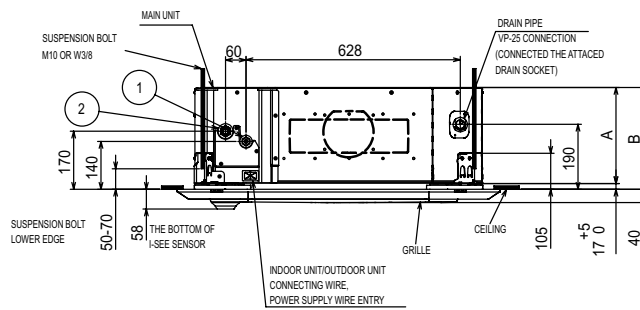
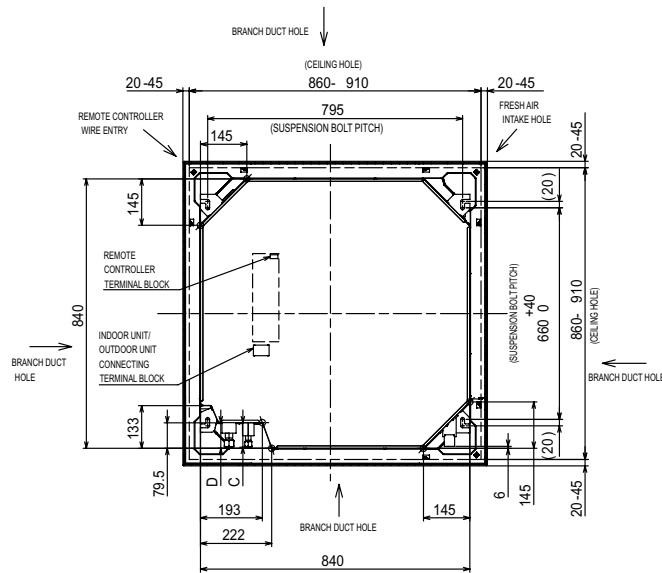
- 1 Voor installaties met vermogensklasse 35 – 140
Max. 45 m
Wanneer 2,5 mm² worden gebruikt, max. 50 m
Wanneer 2,5 mm² worden gebruikt en S3 gescheiden is, max. 80 m
- Voor installaties met vermogensklasse 200 – 250
Max. 18 m
Wanneer 2,5 mm² worden gebruikt, max. 30 m
Wanneer 4 mm² worden gebruikt en S3 gescheiden is, max. 50 m
Wanneer 6 mm² worden gebruikt en S3 gescheiden is, max. 80 m
- 2 De afstandsbediening is met een elektrische leiding van 10 m uitgerust.
Lengte van de leiding max. 500 m
- 3 De gegevens gelden NIET altijd ten opzichte van de aardleiding.
Klem S3 heeft 24 V-gelijkstroom tegenover klem S2. Tussen de klemmen S3 en S1 is er geen elektrische isolatie door de transformator of een andere elektrische voorziening voorzien.

Opgelet:

1. De maat van de elektrische leiding moet aan de plaatselijke en nationale wettelijke voorschriften aangepast zijn.
2. Als kabel voor de stroomvoorziening en de verbinding van de binnen- en de buiteninstallatie moet minstens een flexibele kabel met een polychloropreencoating (in overeenstemming met 60245 IEC 57) worden gekozen.
3. Installeer een aardleiding die langer is dan de andere kabels.

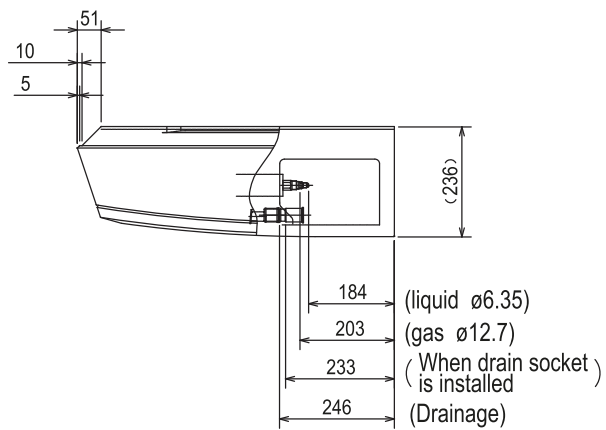
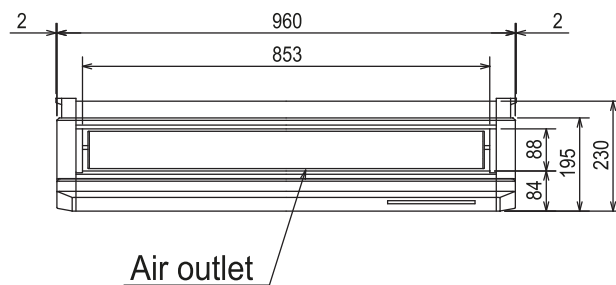
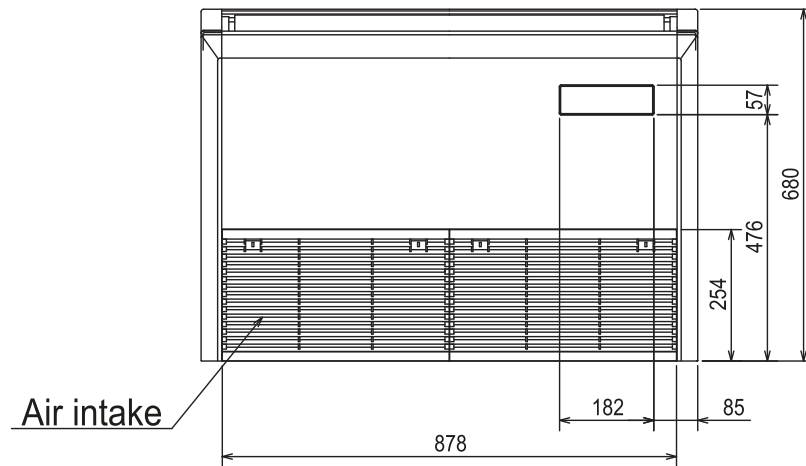
2.3 PLA-ZM/M35-140EA2
 PLA-ZM 4-weg cassette-units

NAAR DE INHOUD



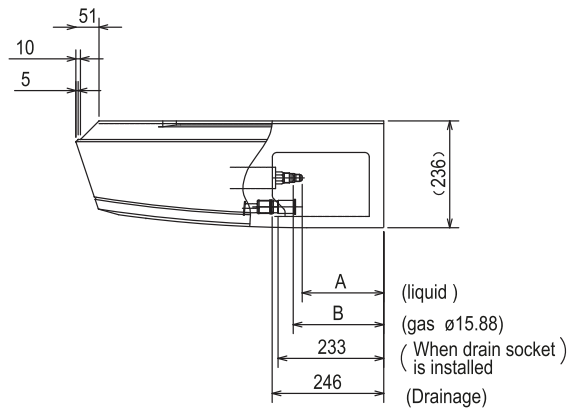
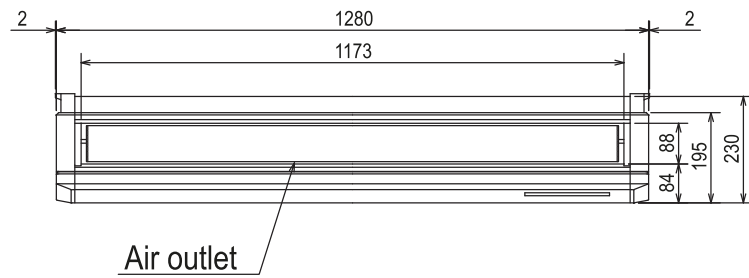
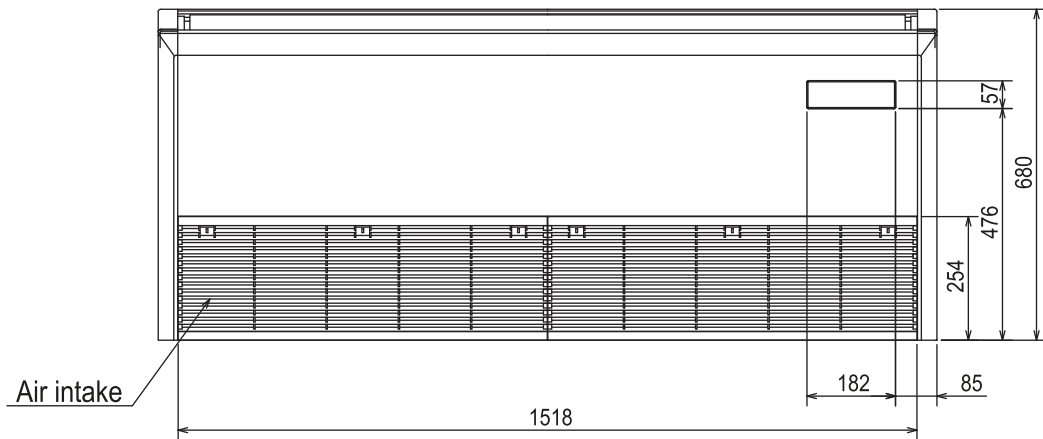
2.4 PCA-M35/50KA2
PCA-M plafondonderbouwunits

NAAR DE INHOUD



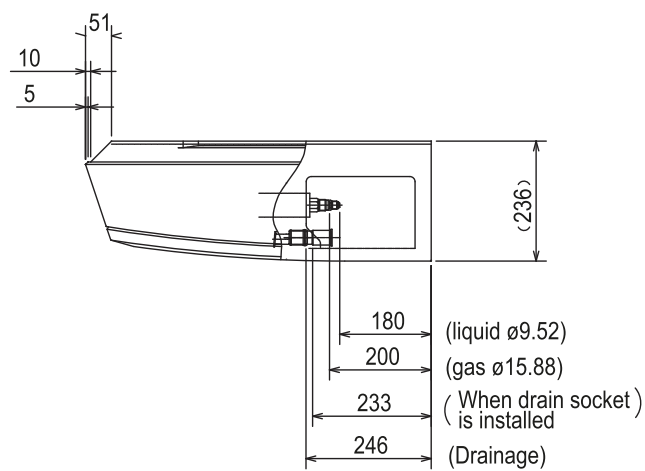
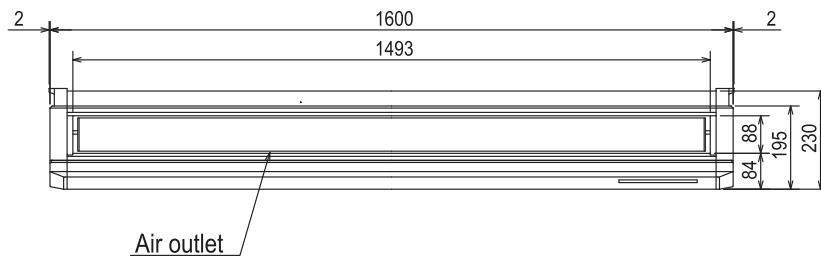
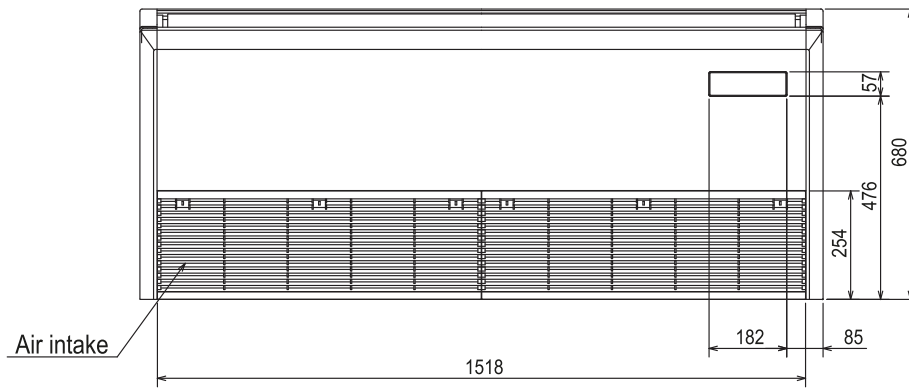
2.5 PCA-M60/71KA2
PCA-M plafondonderbouwunits

NAAR DE INHOUD



2.6 PCA-M100-140KA2
PCA-M plafondonderbouwunits

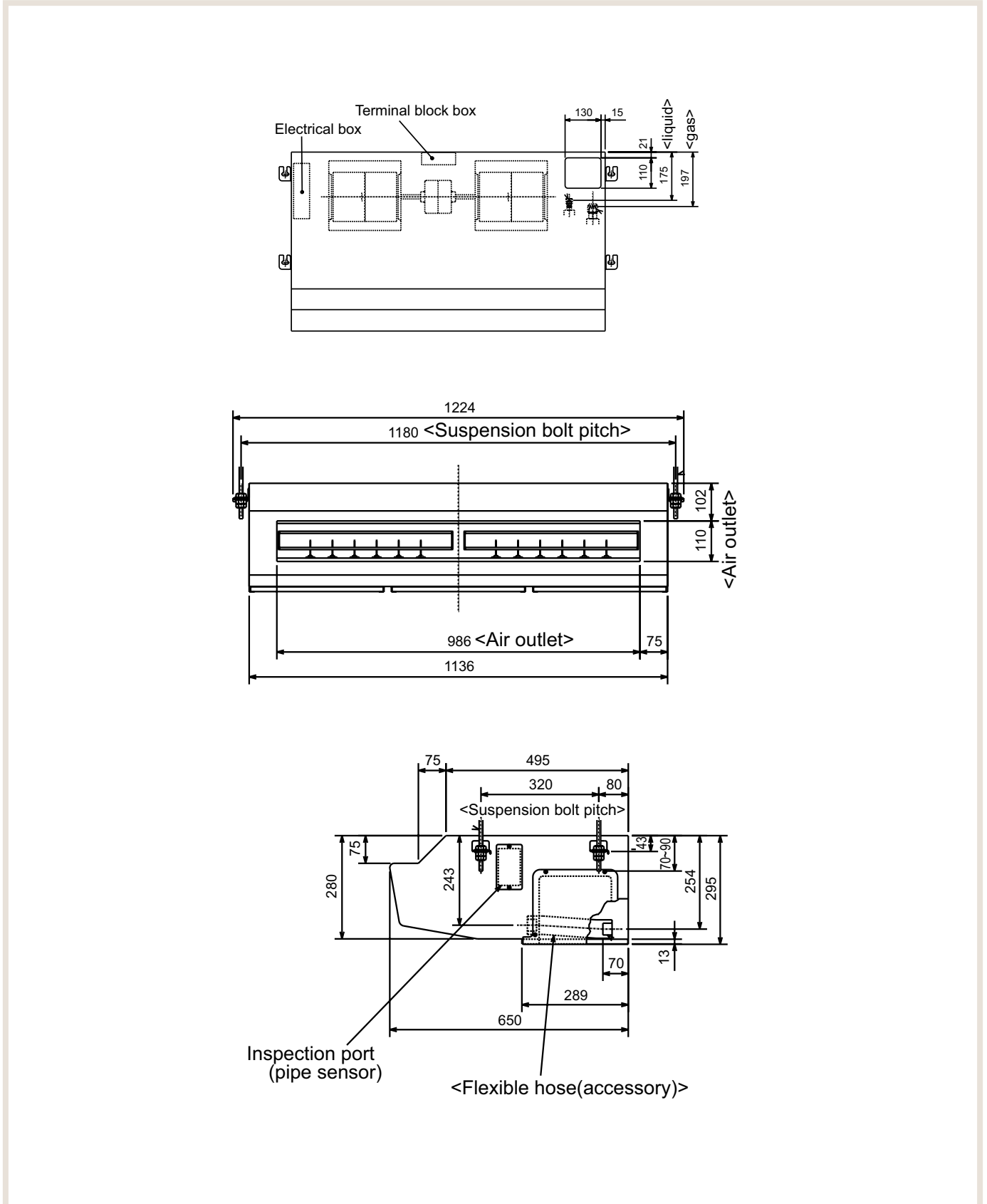
NAAR DE INHOUD



2.7 PCA-M71HA2

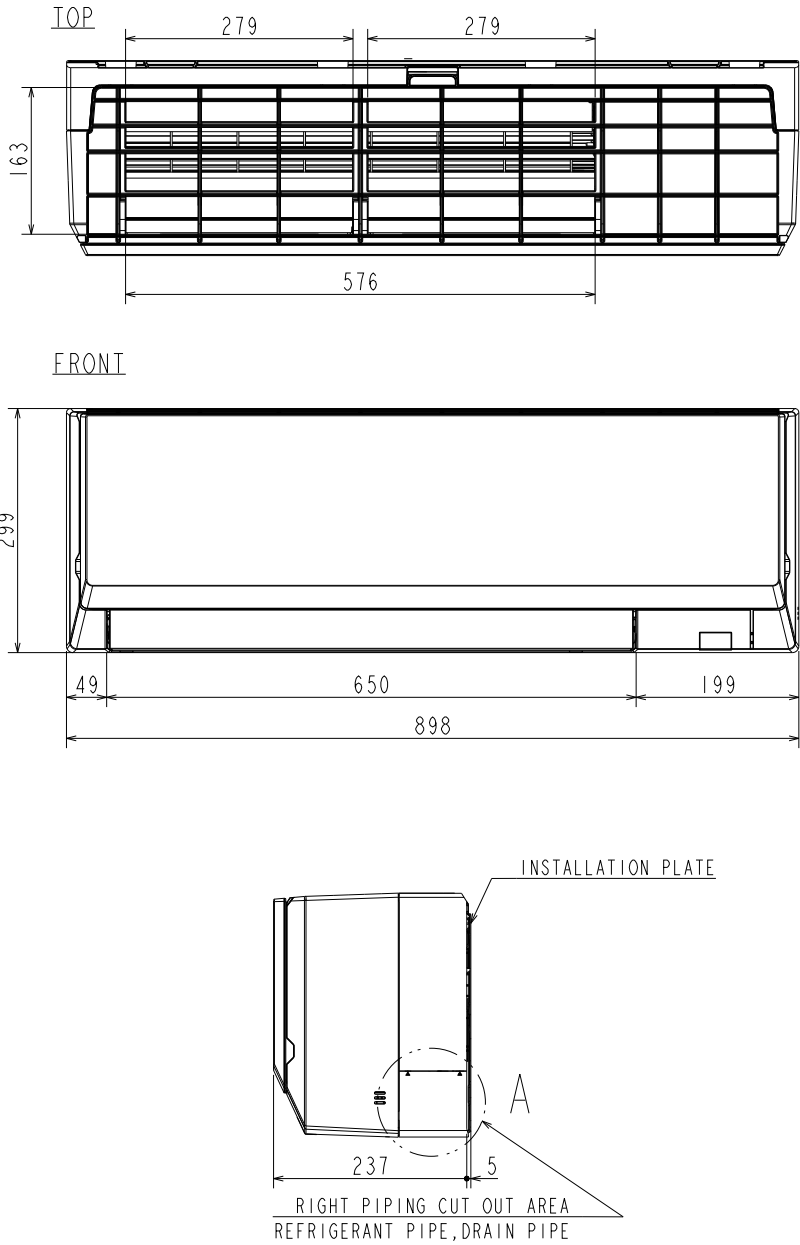
PCA-M plafondonderbouwunits in inox

NAAR DE INHOUD



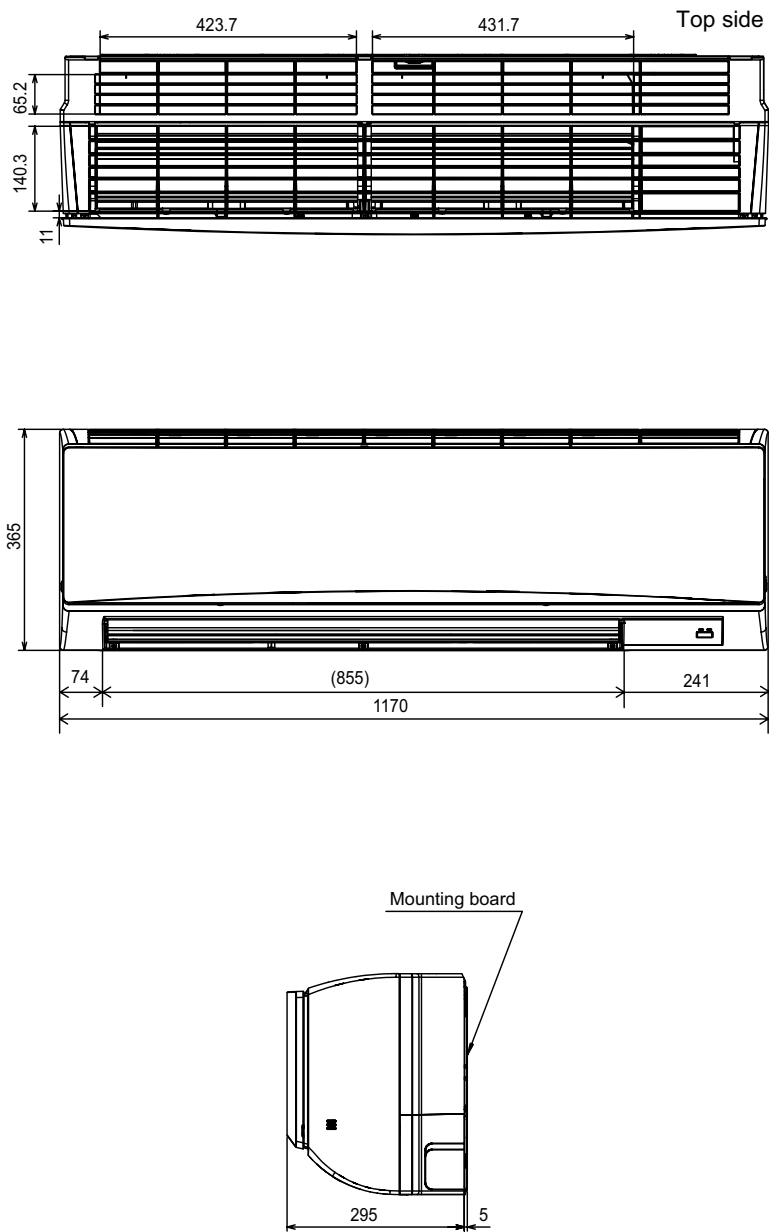
2.8 PKA-M35/50LAL2
PKA-M Wandunits

NAAR DE INHOUD



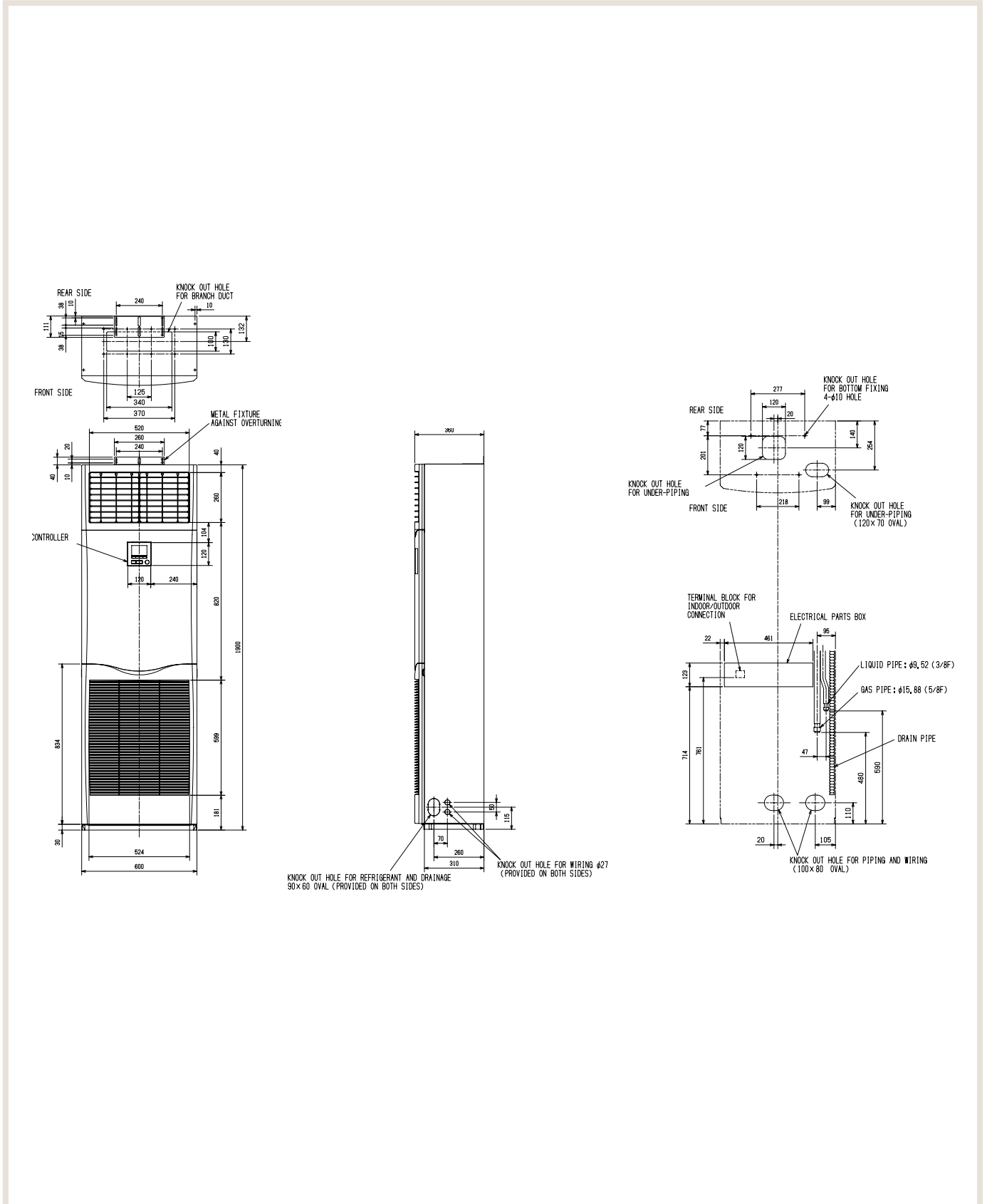
2.9 PKA-M60-100KAL2
 PKA-M Wandunits

[NAAR DE INHOUD](#)



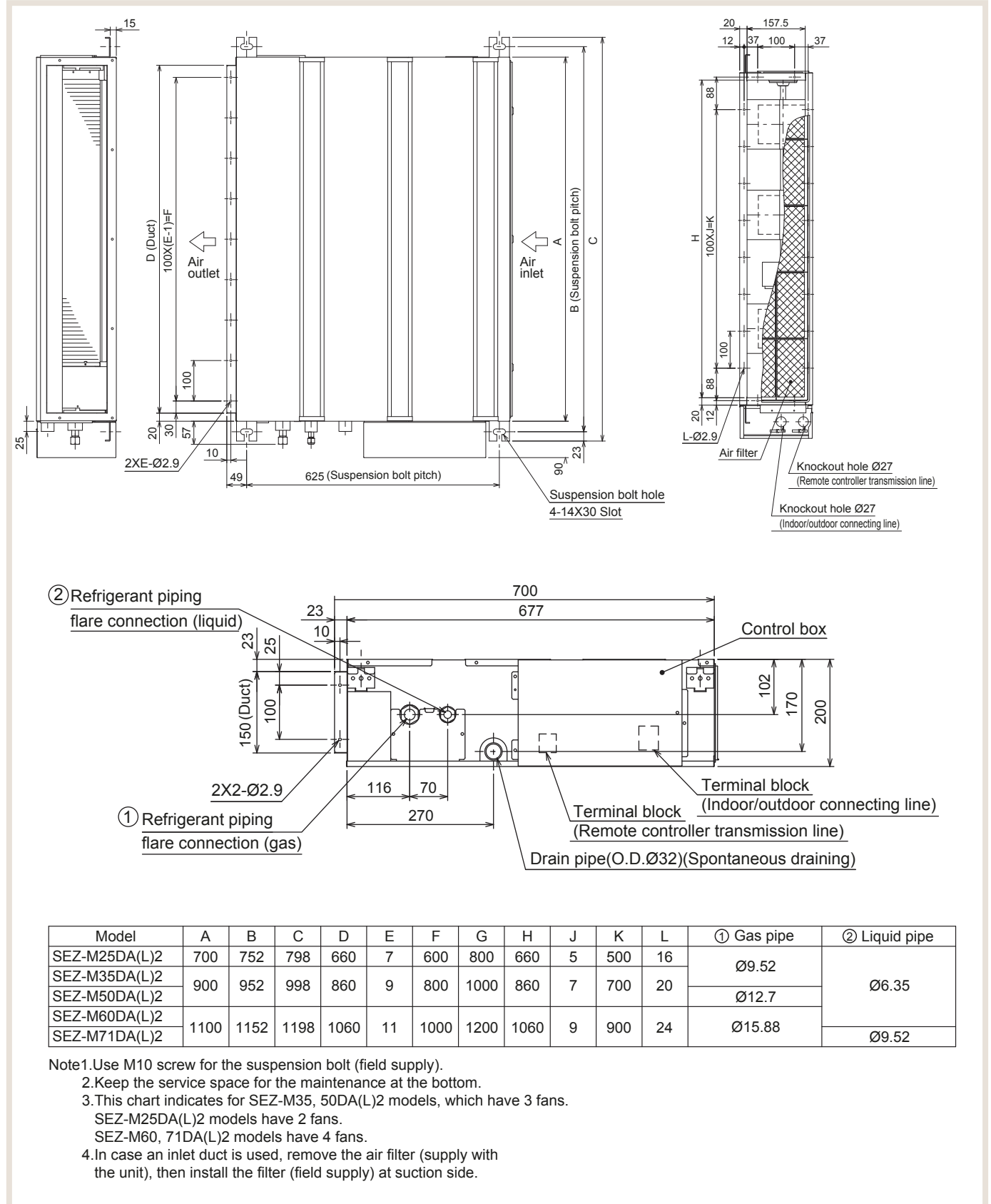
2.10 PSA-M71-140KA
PSA-M Vloerunits

NAAR DE INHOUD



2.11 SEZ-M35DA-71DA2
Kanaalunits SEZ-M

NAAR DE INHOUD

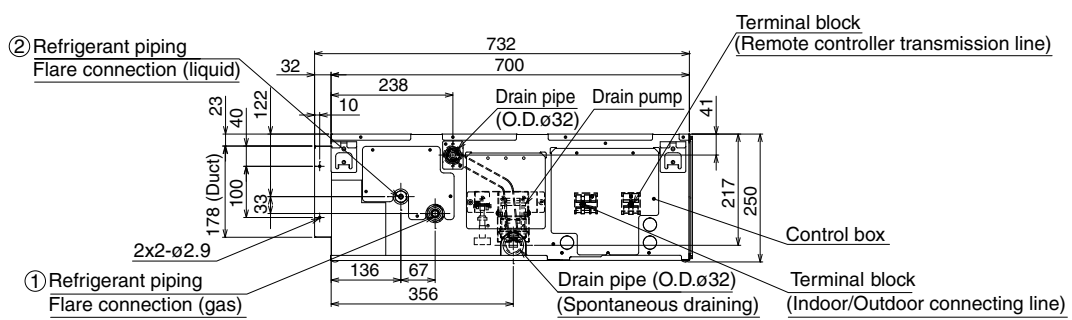
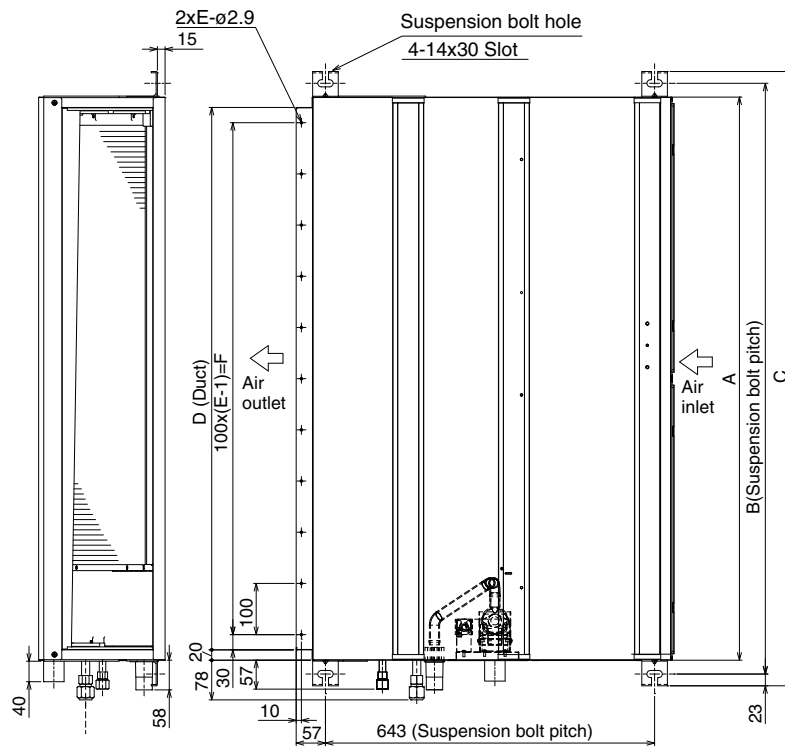


Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe	② Liquid pipe
SEZ-M25DA(L)2	700	752	798	660	7	600	800	660	5	500	16	Ø9.52	Ø6.35
SEZ-M35DA(L)2	900	952	998	860	9	800	1000	860	7	700	20		
SEZ-M50DA(L)2													
SEZ-M60DA(L)2	1100	1152	1198	1060	11	1000	1200	1060	9	900	24	Ø15.88	Ø9.52
SEZ-M71DA(L)2													

- Note1. Use M10 screw for the suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for SEZ-M35, 50DA(L)2 models, which have 3 fans.
 SEZ-M25DA(L)2 models have 2 fans.
 SEZ-M60, 71DA(L)2 models have 4 fans.
 4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

2.12 PEAD-M35-140JA2
PEAD-M Kanaalunits

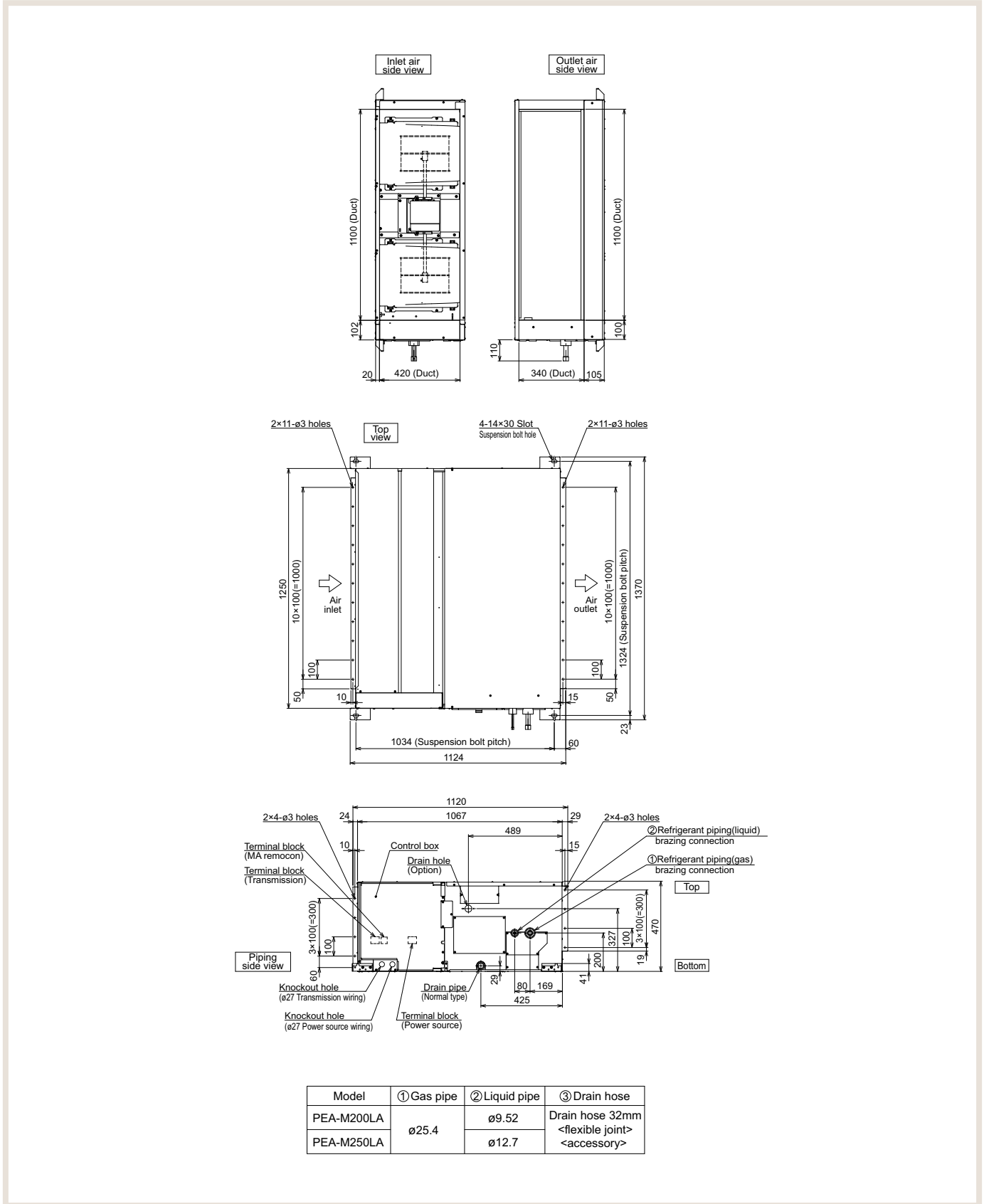
NAAR DE INHOUD



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	*Setting at shipment	
														① Gas pipe	② Liquid pipe
PEAD-M35, 50JA	900	954	1000	860	9	800	858	1000	54	260	4	780	10	ϕ 12.7	ϕ 6.35
PEAD-M60JA	1100	1154	1200	1060	11	1000	1058	1200	49	330	4	990	10	ϕ 15.88	Outdoor unit (SUZ): ϕ 6.35
PEAD-M71JA															Outdoor unit (other): ϕ 9.52*
PEAD-M100, 125JA	1400	1454	1500	1360	14	1300	1358	1500	54	320	5	1280	12	ϕ 15.88	ϕ 9.52
PEAD-M140JA	1600	1654	1700	1560	16	1500	1558	1700	54	370	5	1480	12		

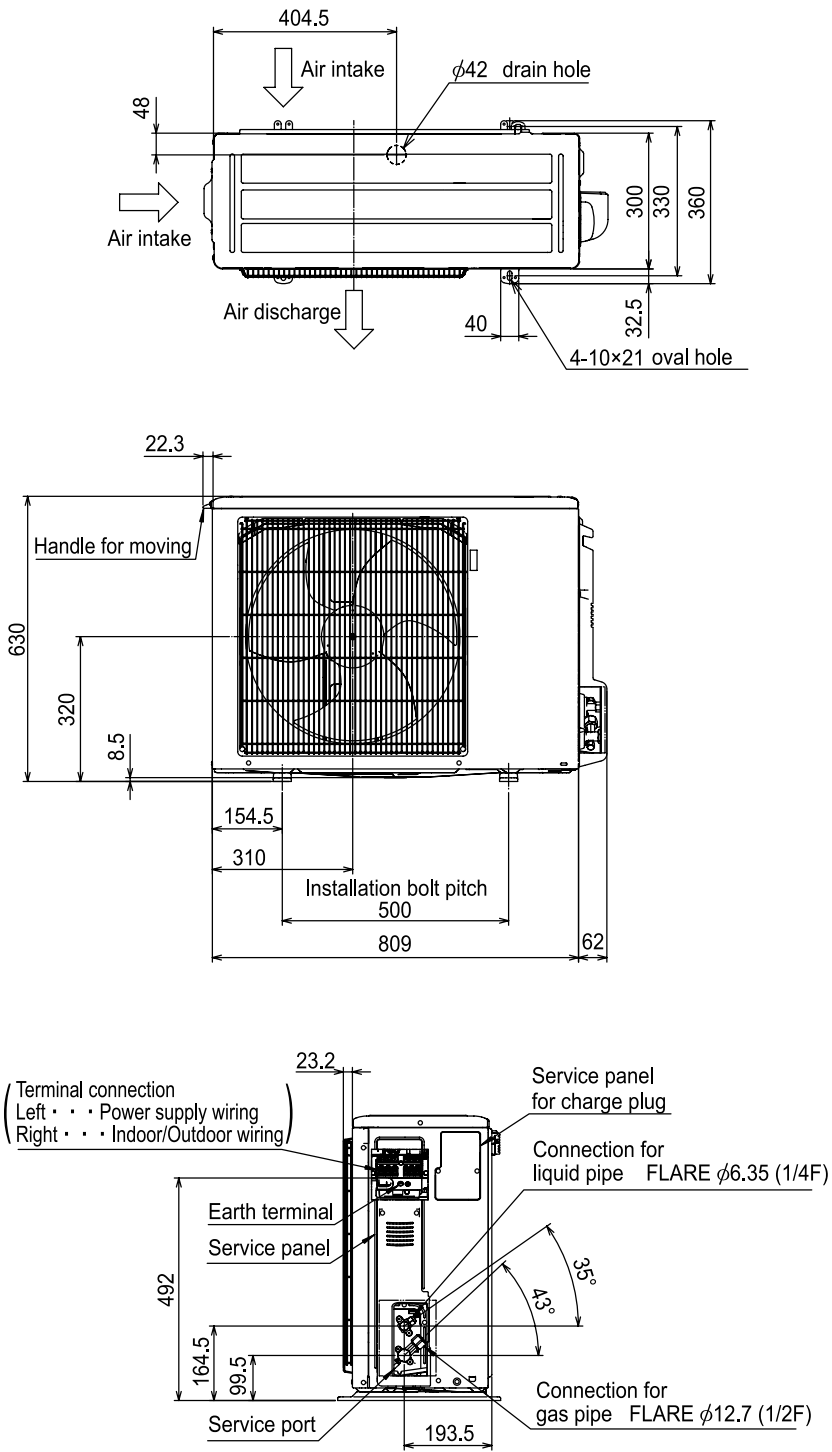
2.13 PEA-M200 / 250LA
PEA-M Kanaalunits

NAAR DE INHOUD



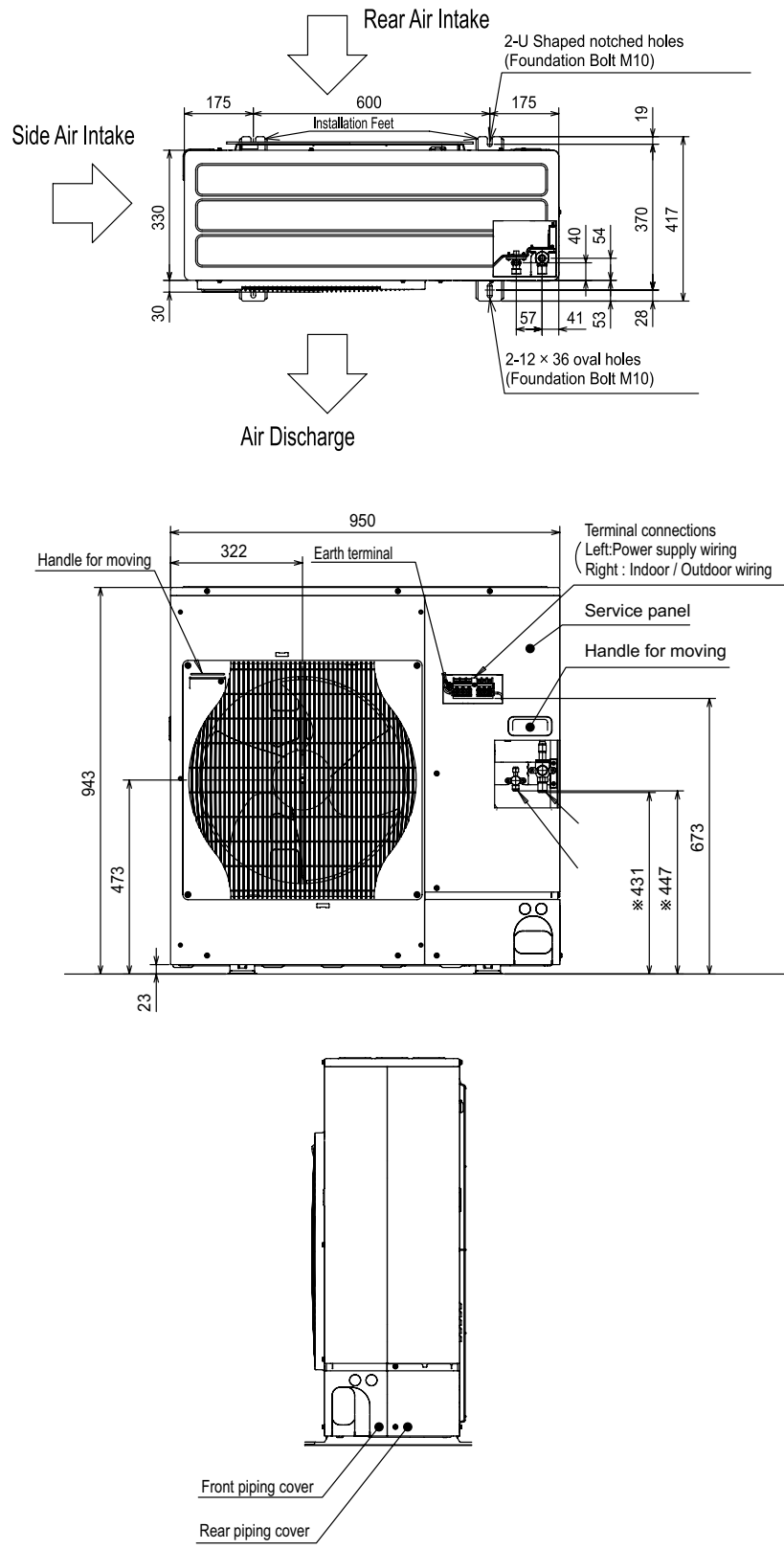
2.14 PUZ-ZM35/50VKA2
Buitenunits power inverter

NAAR DE INHOUD



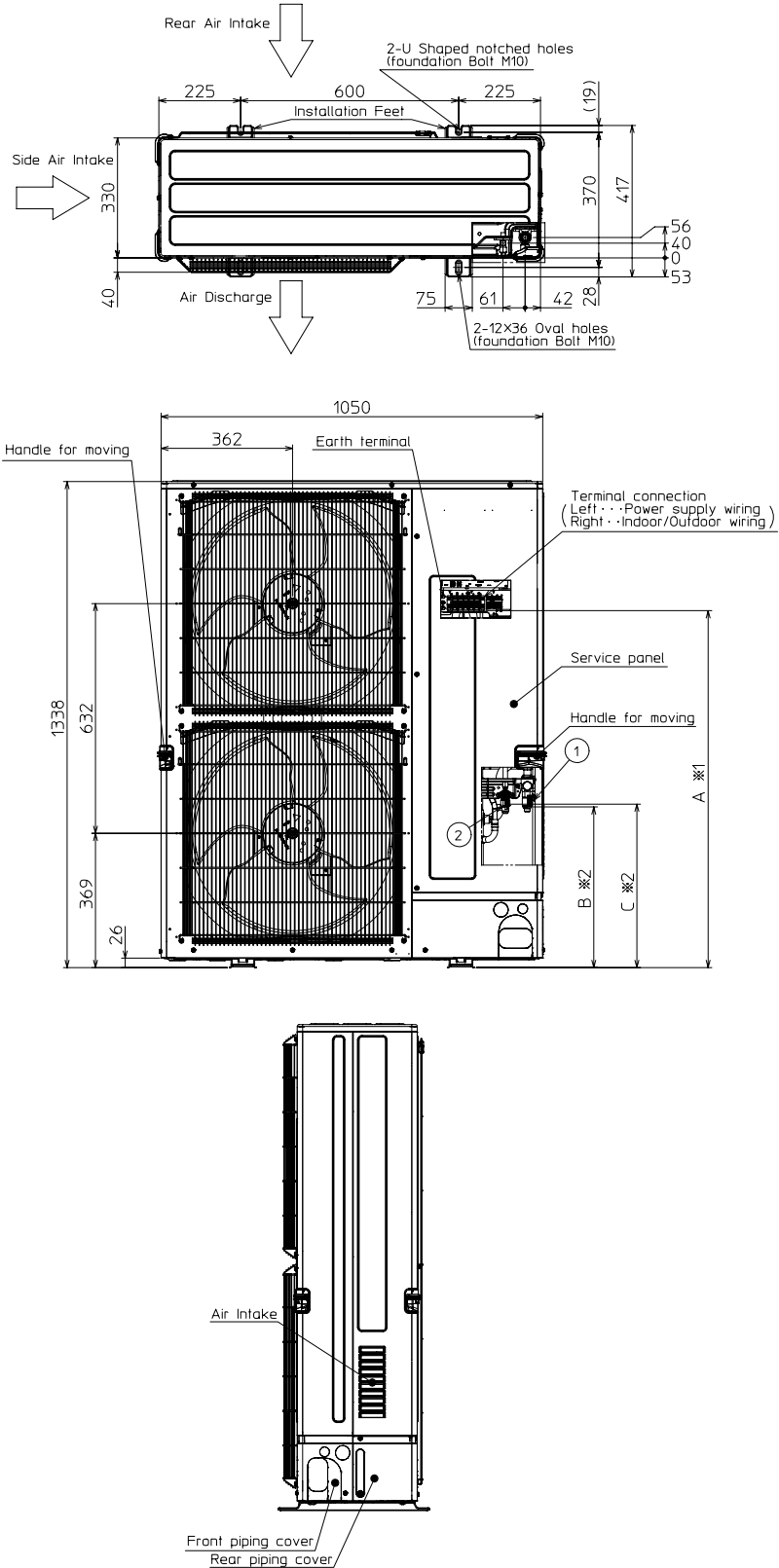
2.15 PUZ-ZM60/71VHA2
Buitenunits power inverter

NAAR DE INHOUD



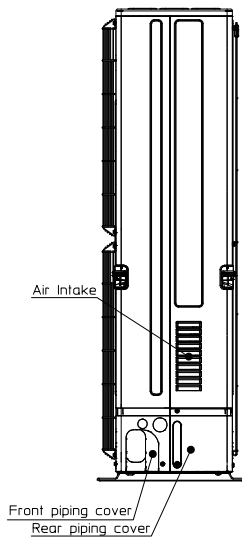
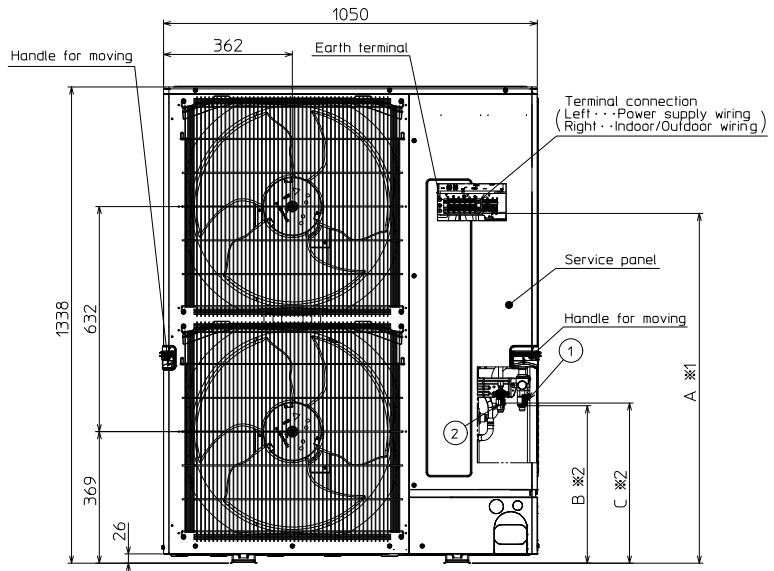
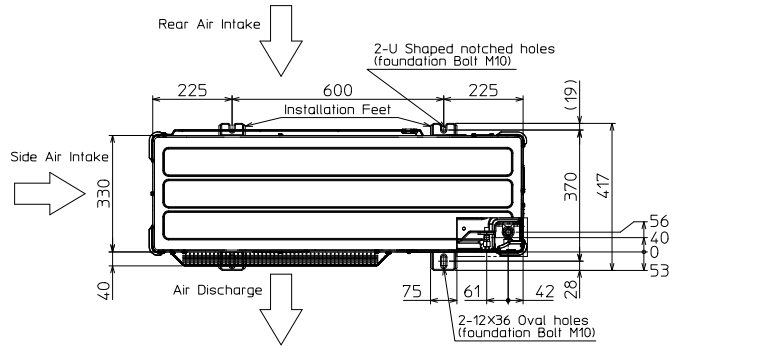
2.16 PUZ-ZM100-140VKA/YKA2
Buitenunits power inverter

NAAR DE INHOUD



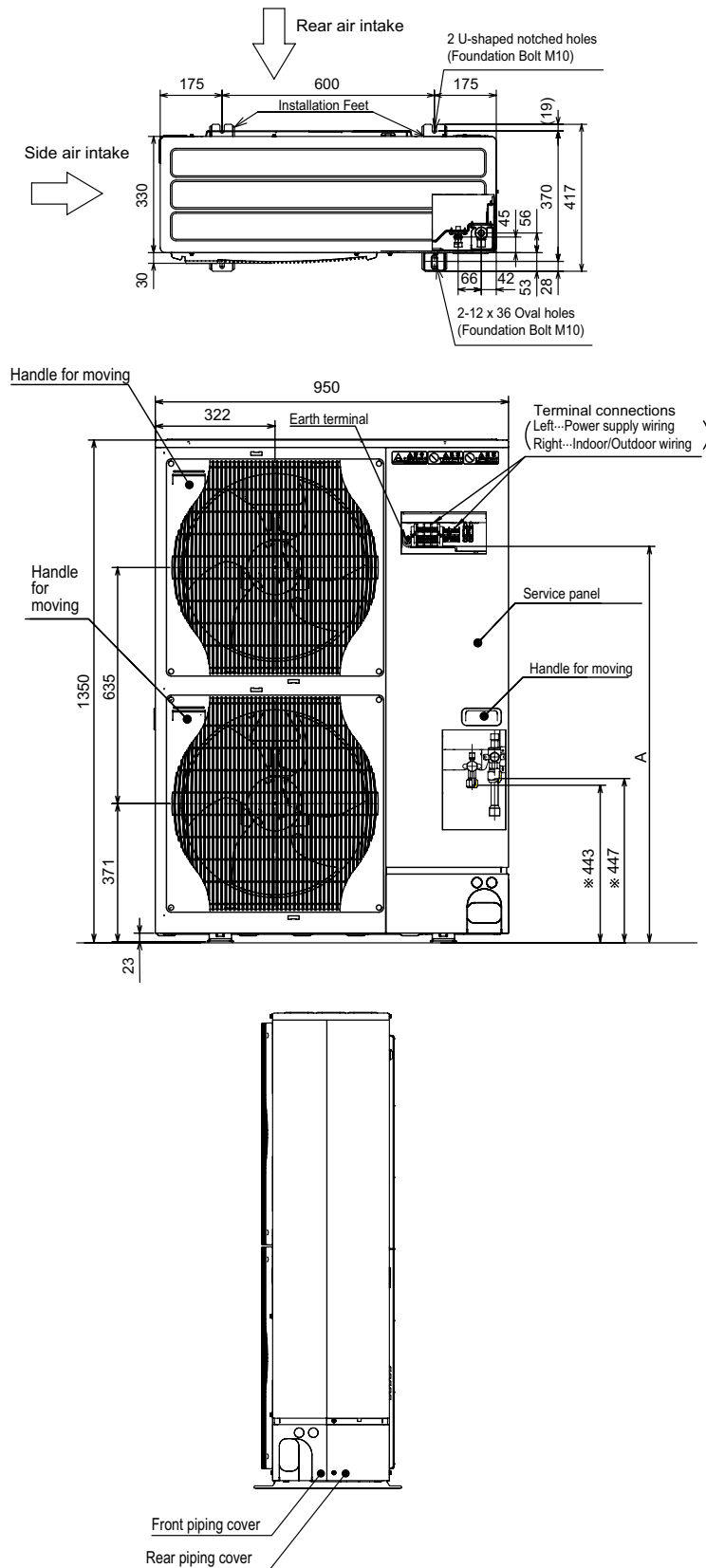
2.17 PUHZ-ZRP100-140VKA/YKA2/PUZ-ZM200/250YKA2
 Buitenunits power inverter

NAAR DE INHOUD



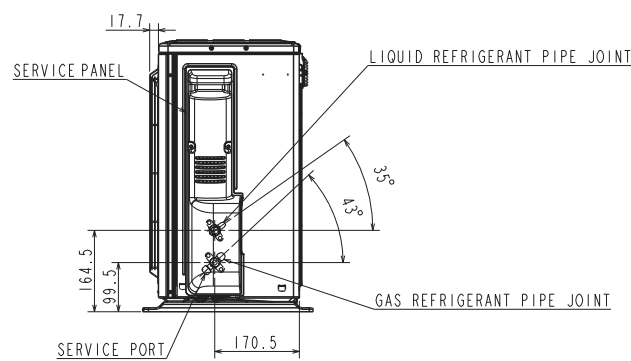
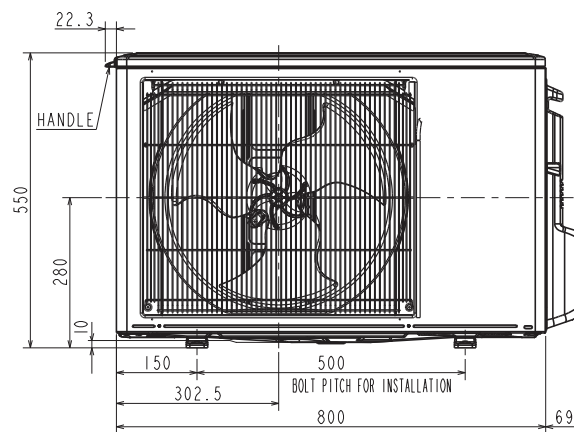
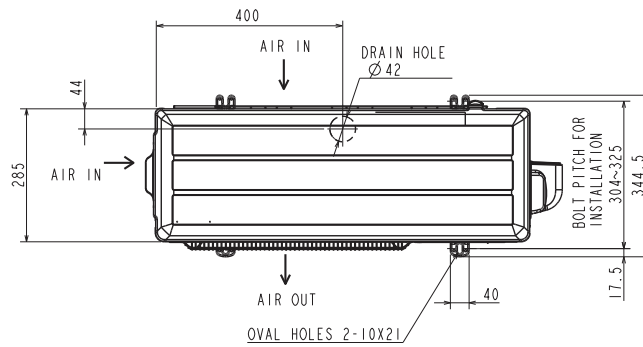
2.18 PUHZ-SHW112/140VHA-A/YHA-A
 Buitenunits zubadan inverter

NAAR DE INHOUD



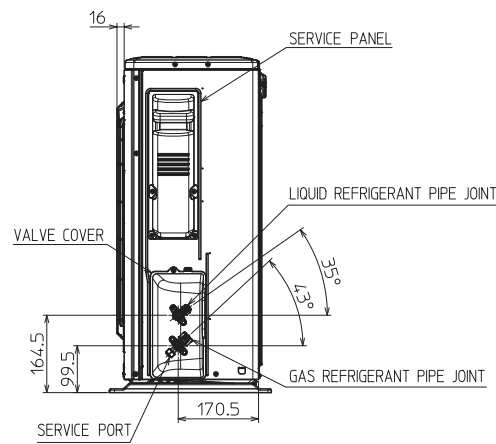
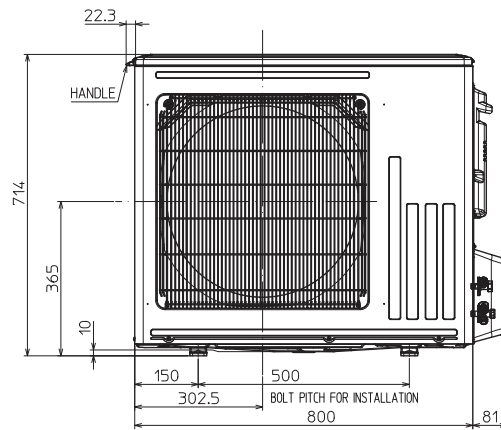
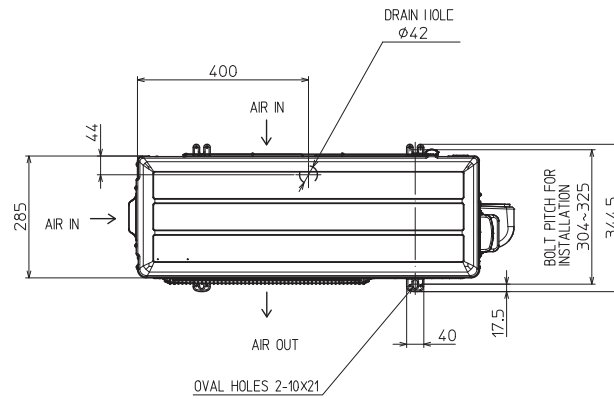
2.19 SUZ-M35VA
Buitenunits standaard inverter

NAAR DE INHOUD



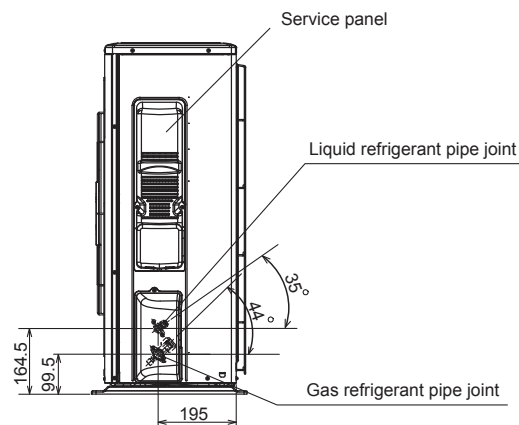
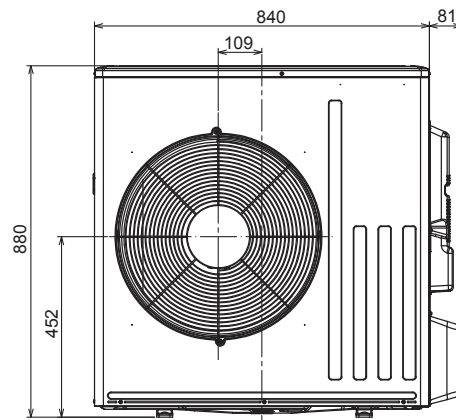
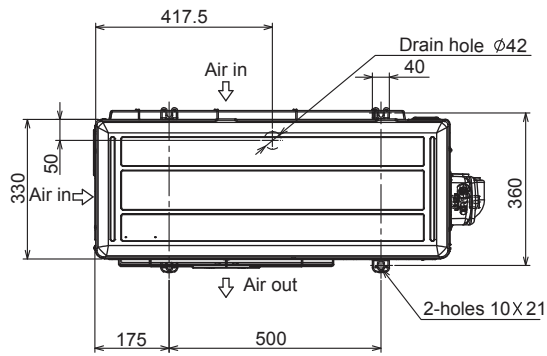
2.20 SUZ-M50VA
Buitenunits standaard inverter

NAAR DE INHOUD



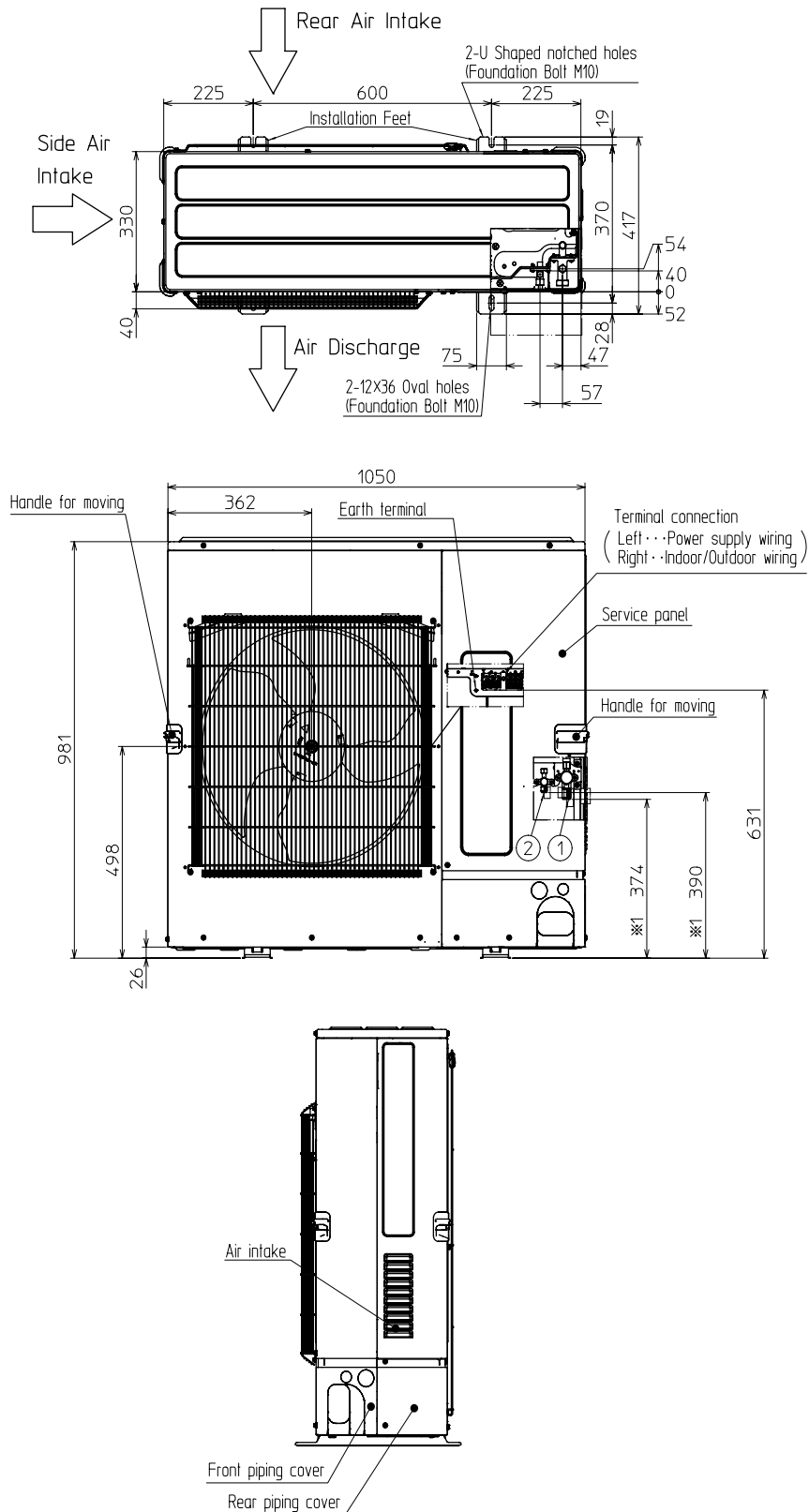
2.21 SUZ-M60/71VA
 Buitenunits standaard inverter

NAAR DE INHOUD



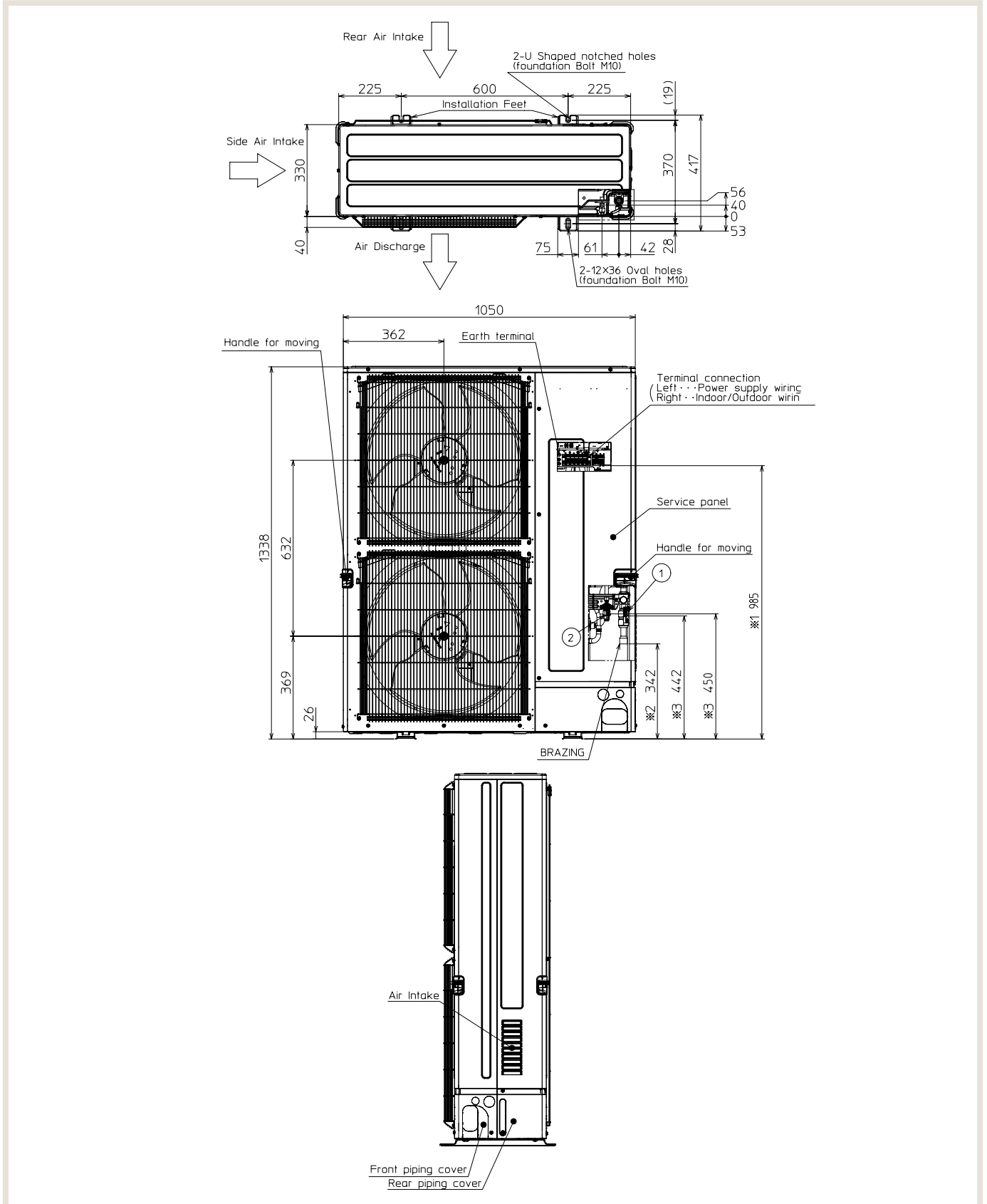
2.22 PUZ-M100-140VKA/YKA2
 Buitenunits standaard inverter

NAAR DE INHOUD



2.23 PUZ-M200/250YKA2
Buitenunits standaard inverter

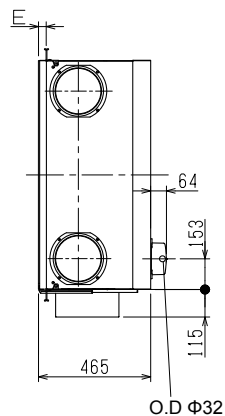
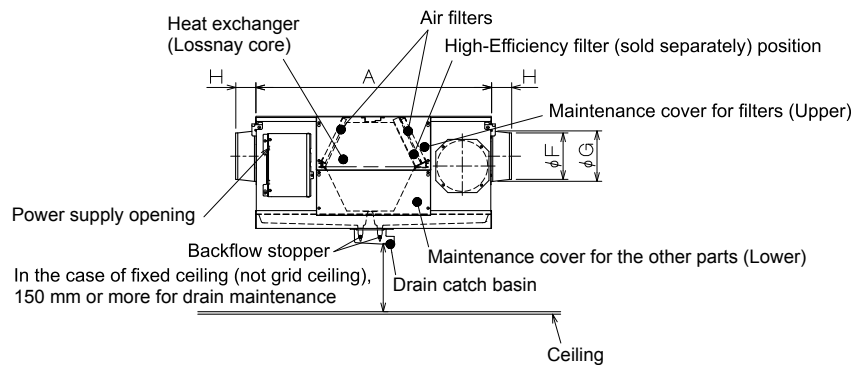
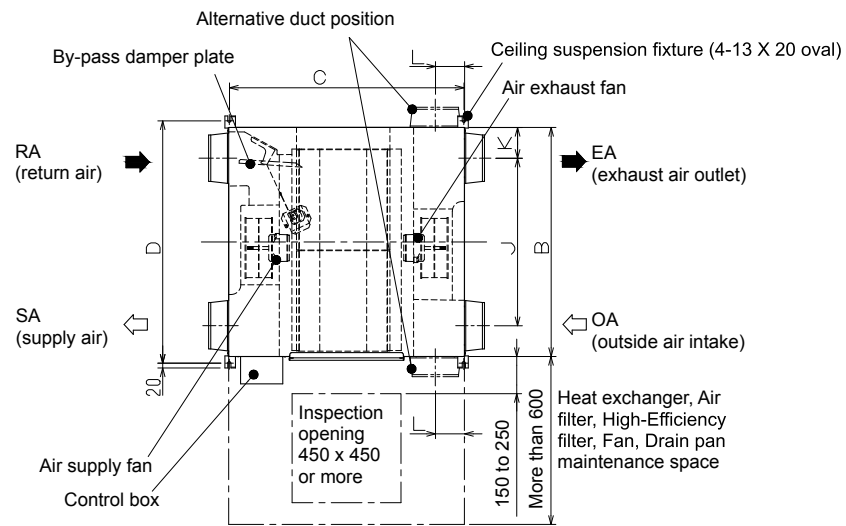
NAAR DE INHOUD



7. Lossnay

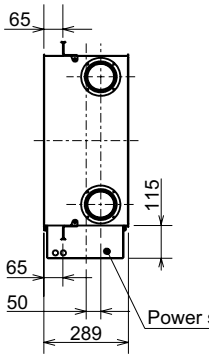
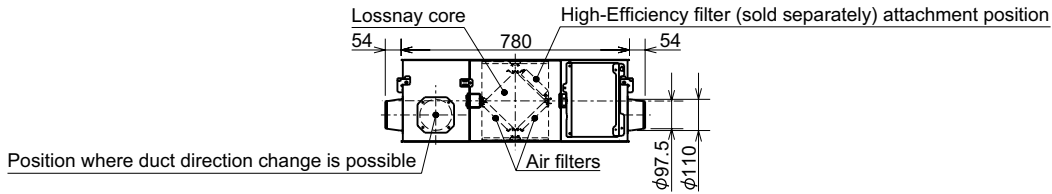
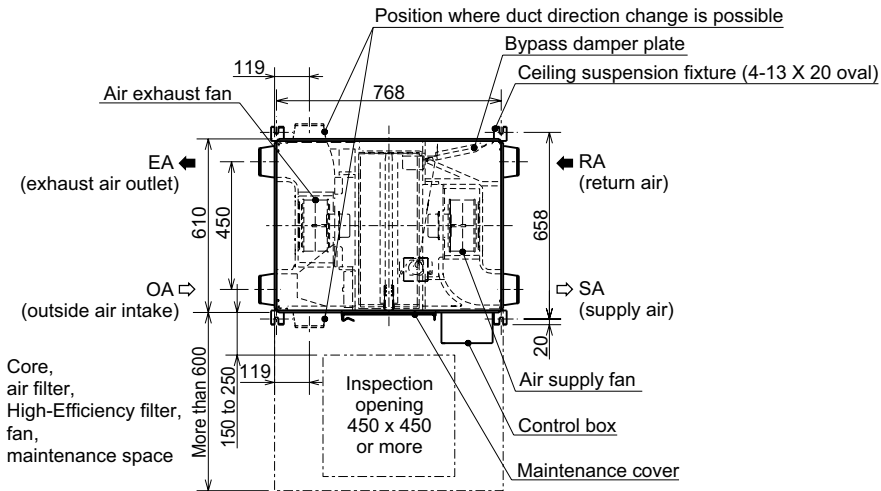
3.5 LGH-50/80/100RVS-E Lossnay kanaalunits

NAAR DE INHOUD



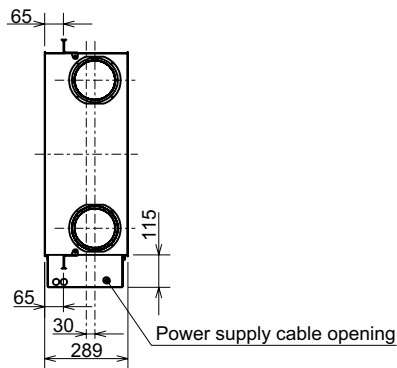
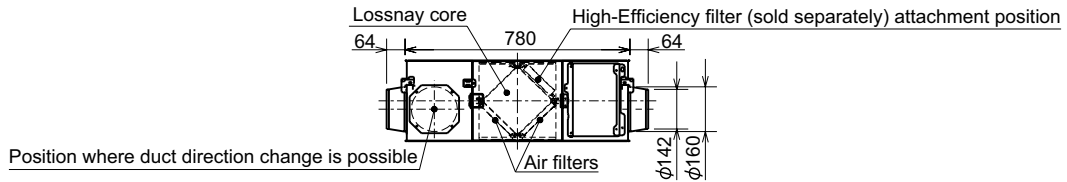
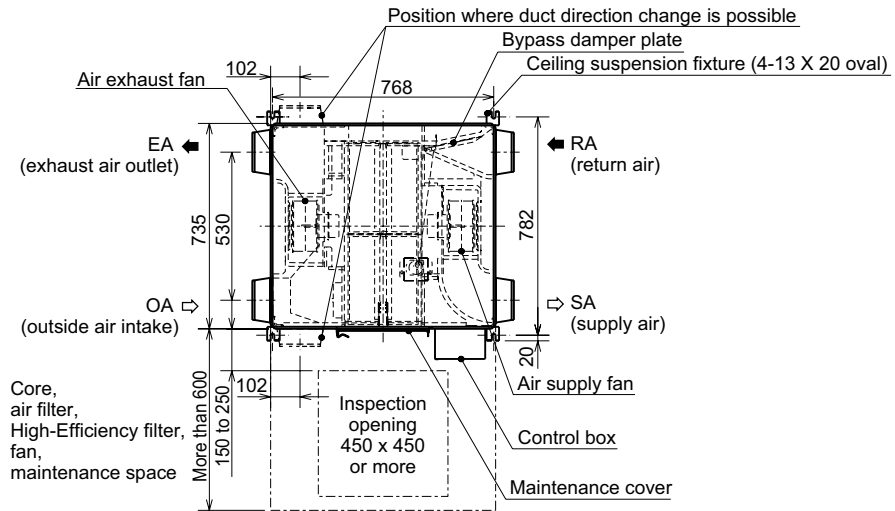
3.9 LGH-15RVX-E
Lossnay kanaalunits RVX

NAAR DE INHOUD



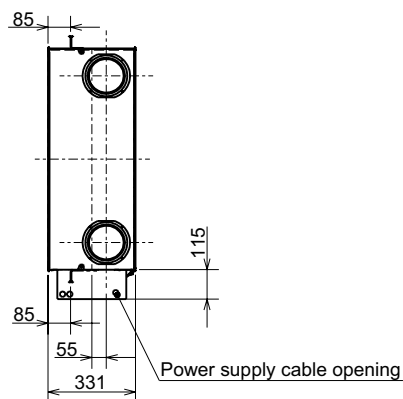
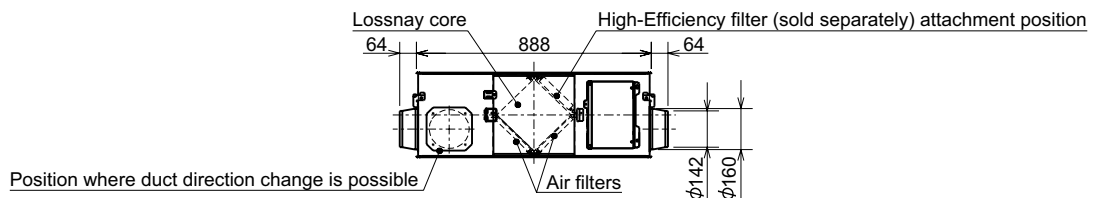
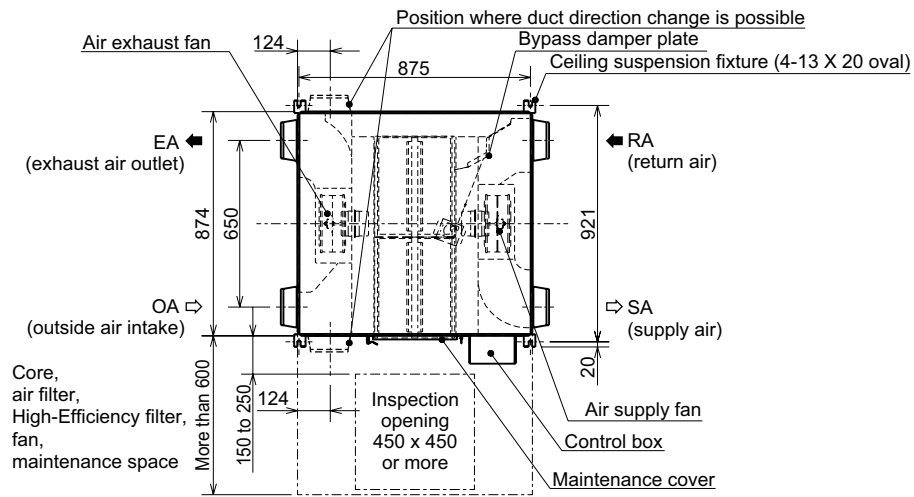
3.10 LGH-25RVX-E
Lossnay kanaalunits RVX

NAAR DE INHOUD



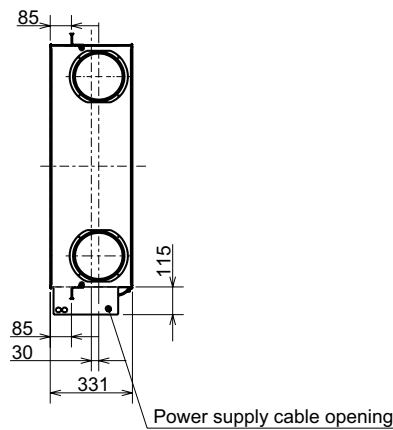
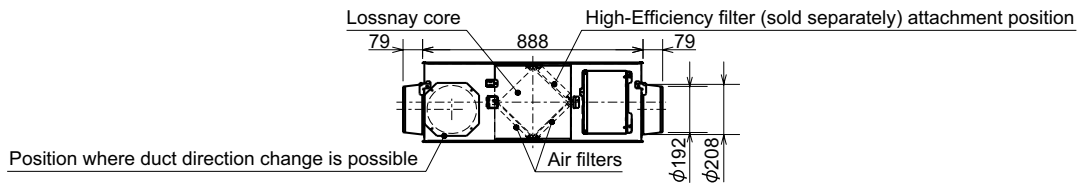
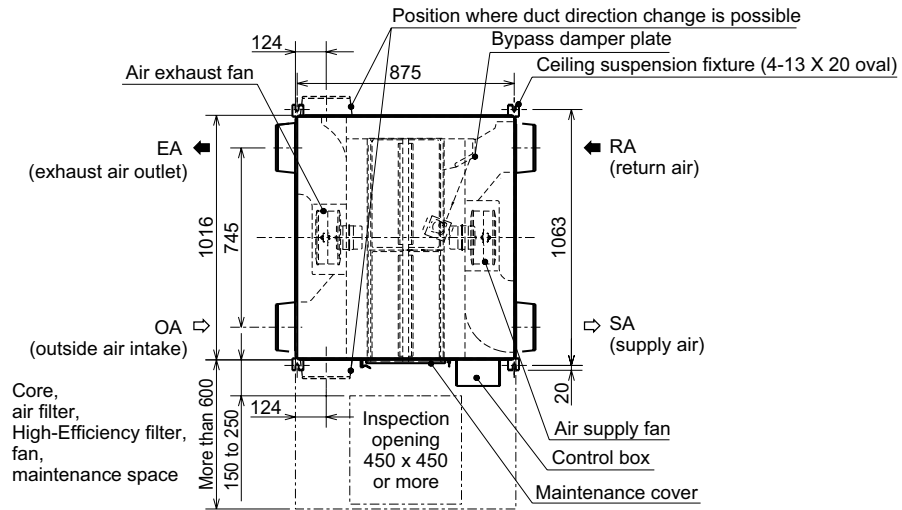
3.11 LGH35-RVX-E
Lossnay kanaalunits RVX

NAAR DE INHOUD



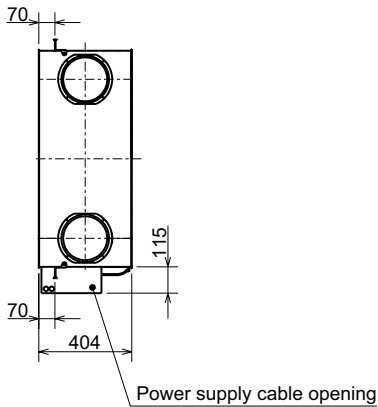
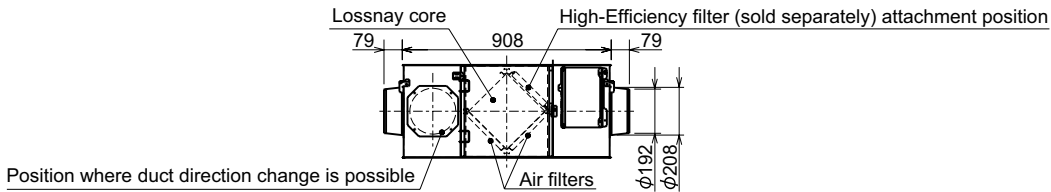
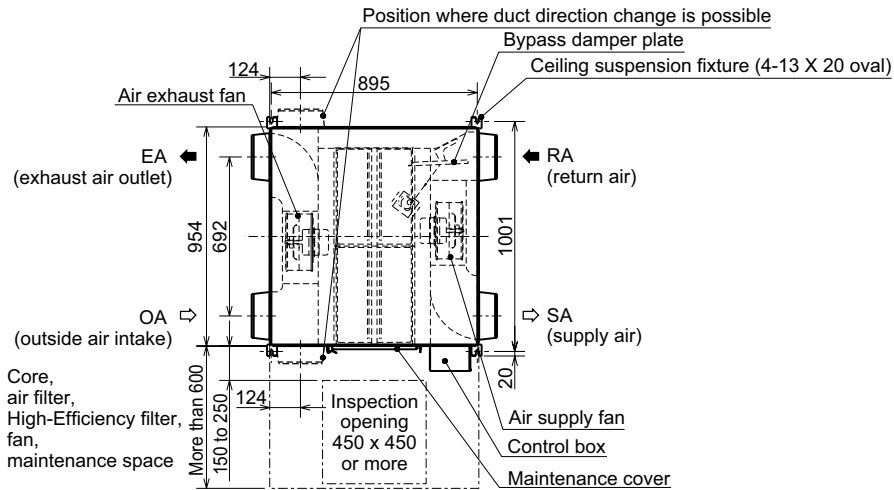
3.12 LGH50-RVX-E
Lossnay kanaalunits RVX

NAAR DE INHOUD



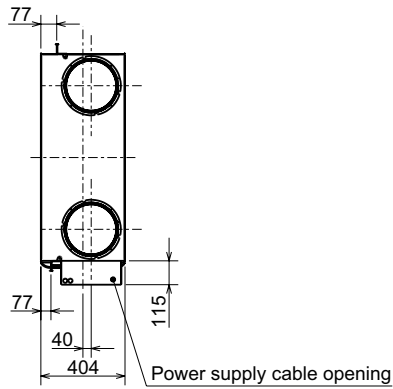
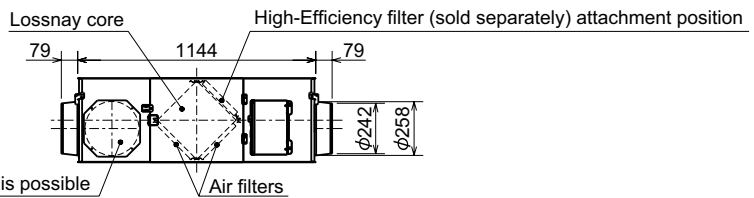
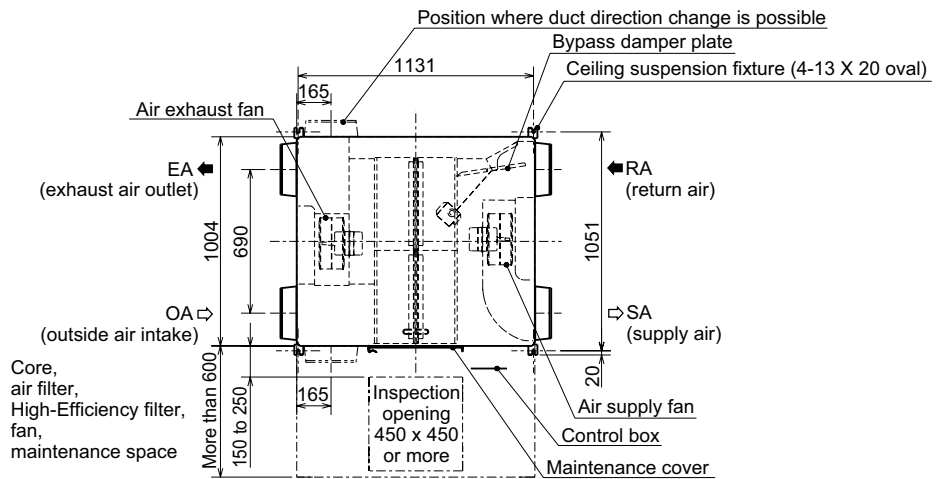
3.13 LGH65-RVX-E
Lossnay kanaalunits RVX

NAAR DE INHOUD



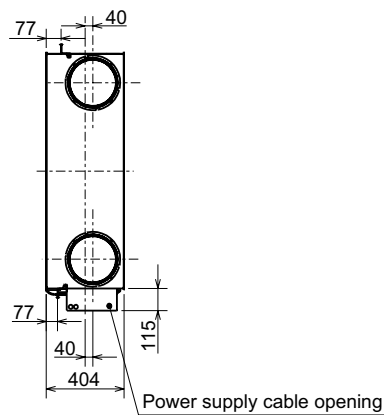
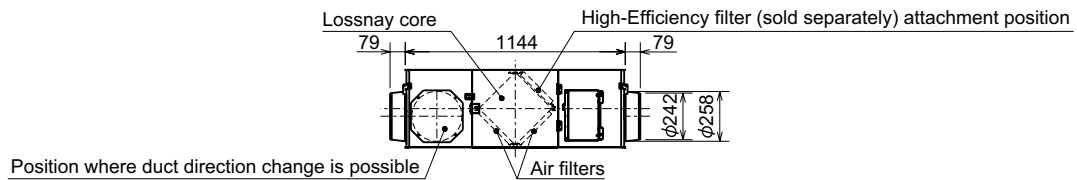
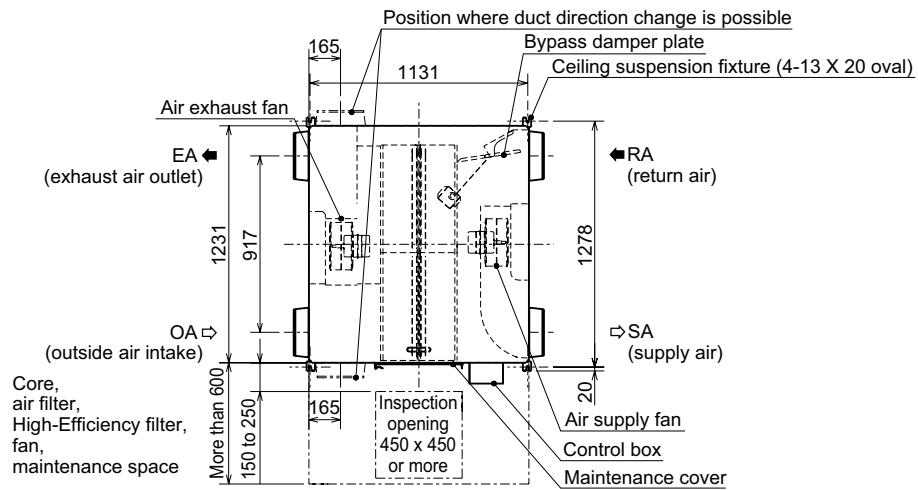
3.14 LGH80-RVX-E
Lossnay kanaalunits RVX

NAAR DE INHOUD



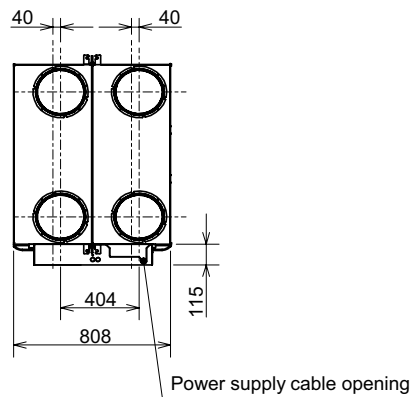
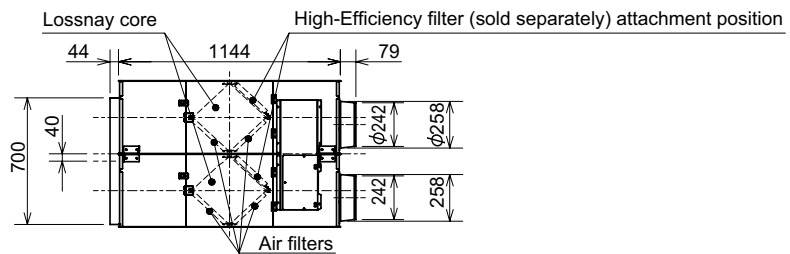
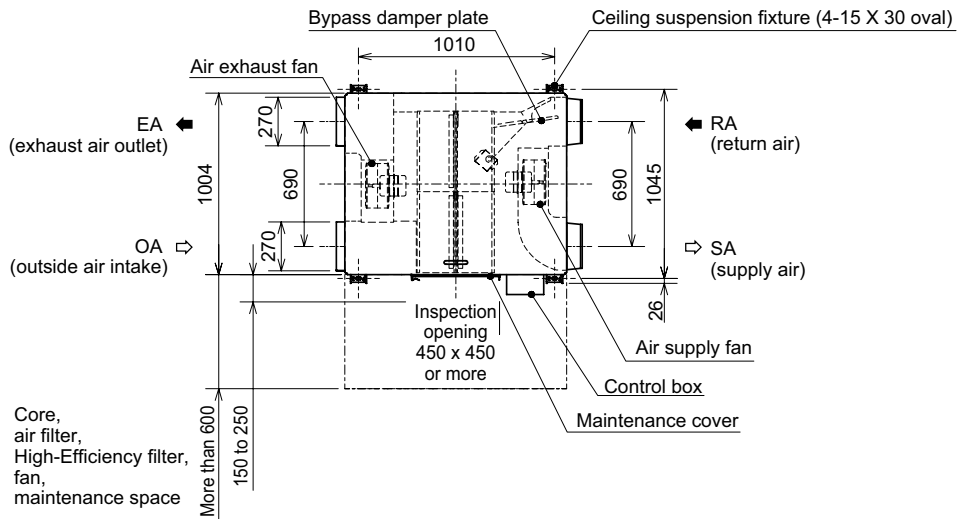
3.15 LGH100-RVX-E
Lossnay kanaalunits RVX

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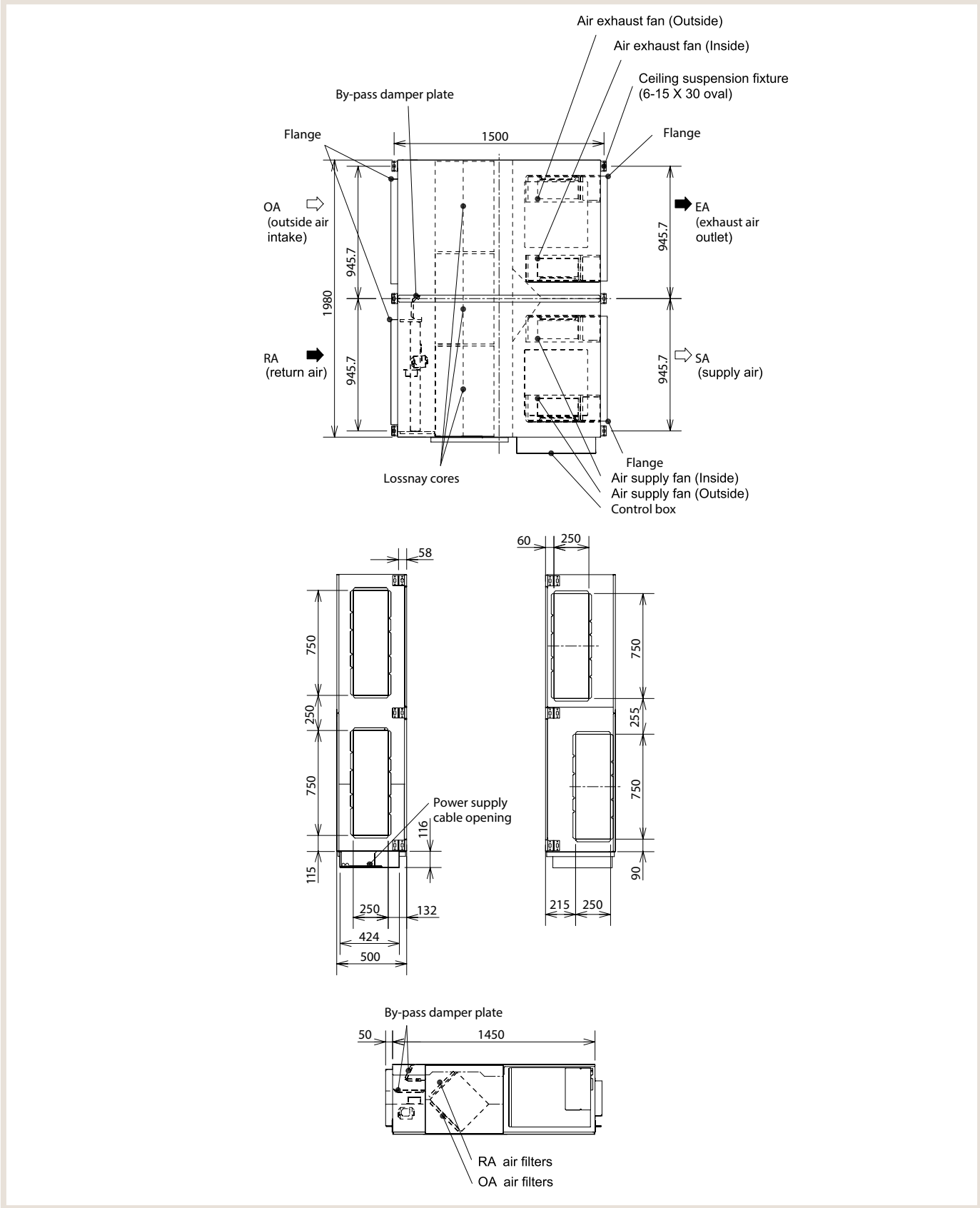
3.16 LGH150-RVX-E
Lossnay kanaalunits RVX

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3.17 LGH-150-250-RVXT-E
Lossnay kanaalunits RVXT

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Onze klimatisatiesystemen en warmtepompen bevatten de gefluoreerde broeikasgassen R410A, R134a, R32.
Voor meer informatie raadpleegt u de desbetreffende handleiding.

Alle gegevens en afbeeldingen onder voorbehoud. Een aantal producten zijn niet in alle landen beschikbaar.