

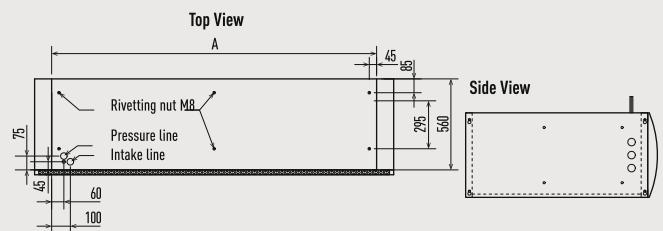
Panasonic

DIMENSIONS

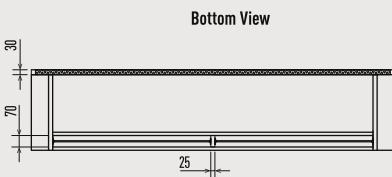
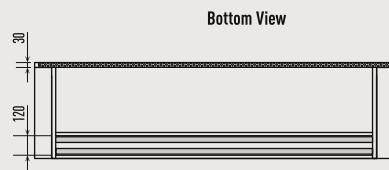
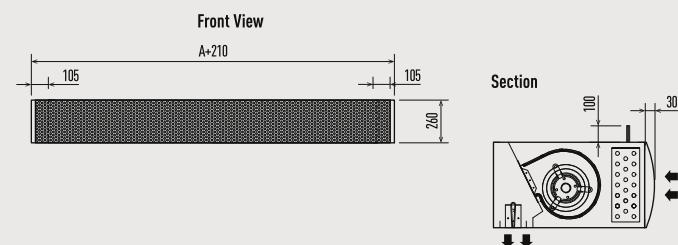
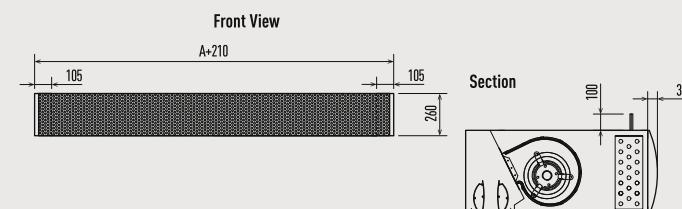
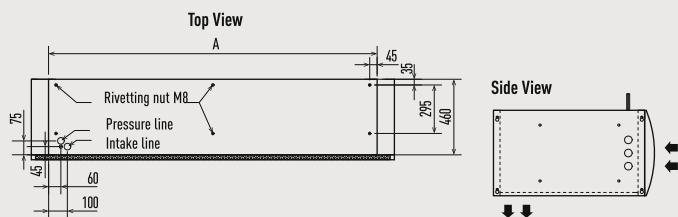


Air Curtain with DX Coil

Jet-flow dimensions



Standard dimensions

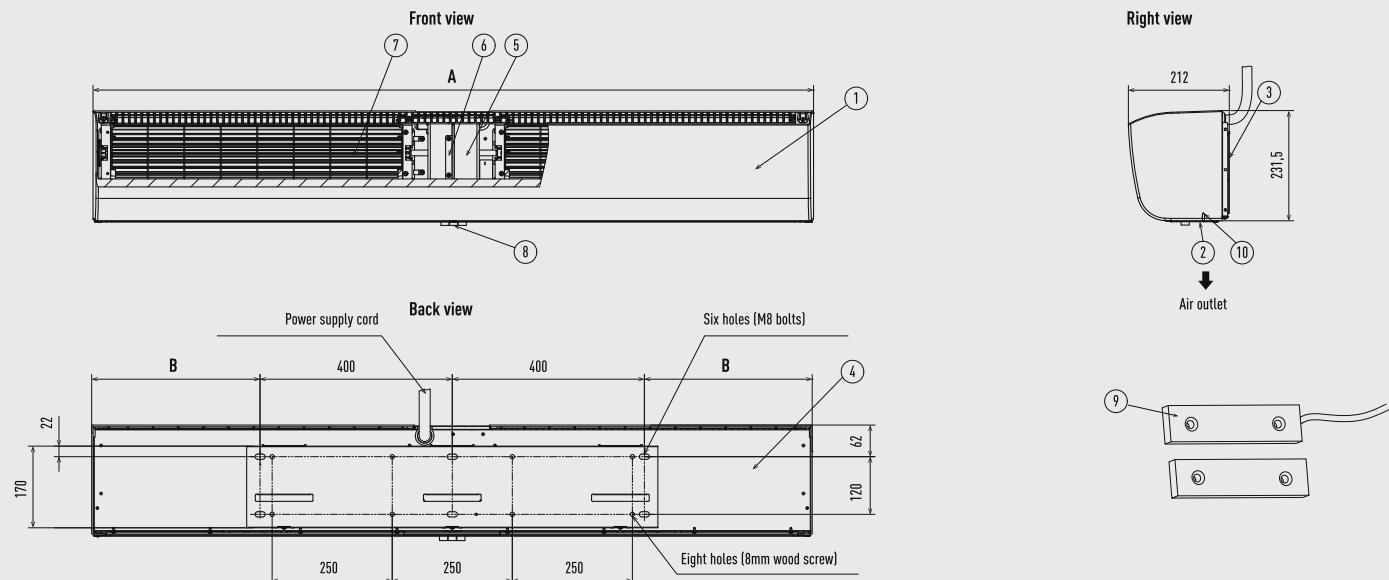


	PAW-10PAIRC-MJ	PAW-15PAIRC-MJ	PAW-20PAIRC-MJ
A	1000	1500	2000

	PAW-10PAIRC-MS	PAW-20PAIRC-MS
A	1000	2000

Unit: mm

Electric Air Curtain

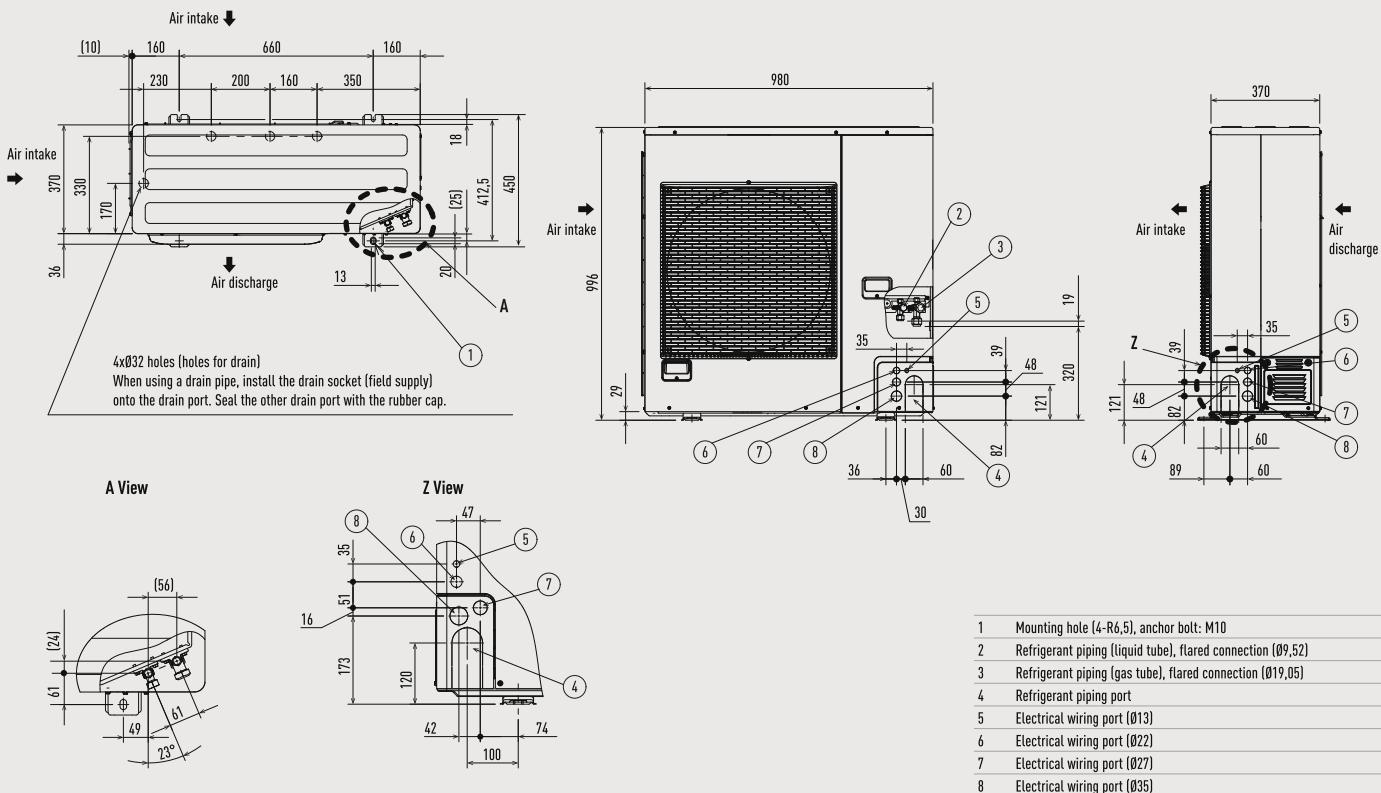


1	Front panel
2	Air outlet
3	Mounting plate
4	Back panel
5	Motor
6	Motor support
7	Cross-flow impeller
8	Push-button switch
9	Gate magnetic switch
10	Guide plate

	FY-3009U1	FY-3012U1	FY-3015U1
A	900	1200	1500
B	50	200	350

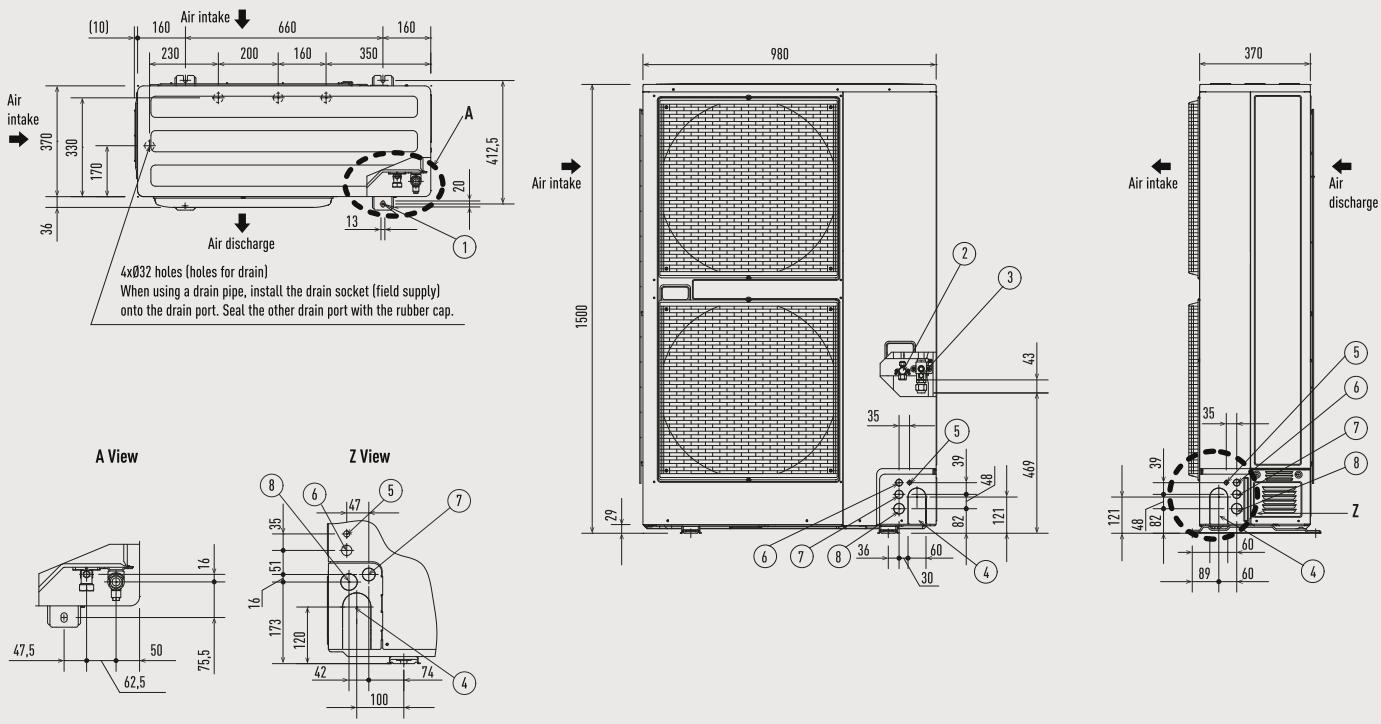
Unit: mm

Mini ECOi LE2 Series High Efficiency 4 to 6HP



Unit: mm

Mini ECOi LE1 Series High Efficiency 8 and 10HP

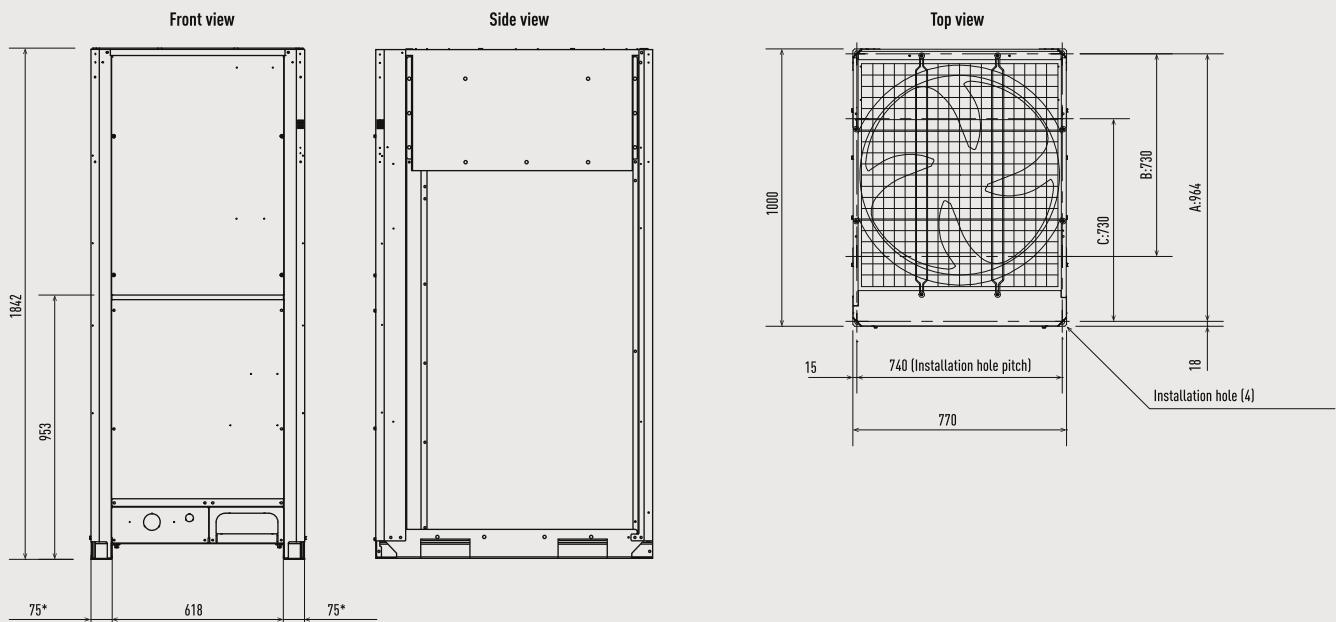


The piping of the gas main has a diameter of Ø22.22, but the connection to the service valve of the outdoor unit has a diameter of Ø19.05, so a flare has to be used. Consequently, be sure to use the enclosed joint tube B and joint tube A in making connections (brazed).

1	Mounting hole (4-R6.5), anchor bolt: M10
2	Refrigerant piping (liquid tube), flared connection (Ø9.52)
3	Refrigerant piping (gas tube), flared connection (Ø19.05)
4	Refrigerant piping port
5	Electrical wiring port (Ø13)
6	Electrical wiring port (Ø22)
7	Electrical wiring port (Ø27)
8	Electrical wiring port (Ø35)

Unit: mm

2-Pipe ECOi EX ME2 Series 8 and 10HP



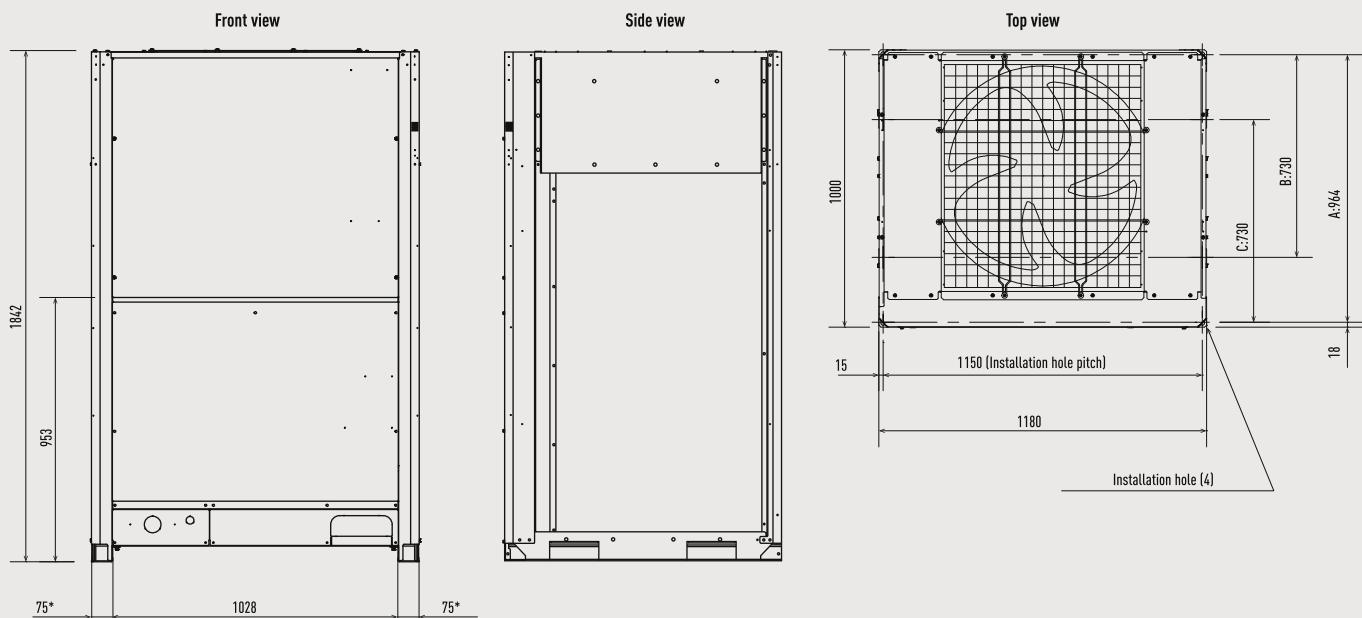
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from A, B or C.

- A: 964 [Installation hole pitch] (the piping is routed out from the front)
- B: 730 [Installation hole pitch] * The piping is routed out from the bottom)
- C: 730 [Installation hole pitch]

* Installation fixing bracket. Installation side

Unit: mm

2-Pipe ECOi EX ME2 Series 12, 14 and 16HP



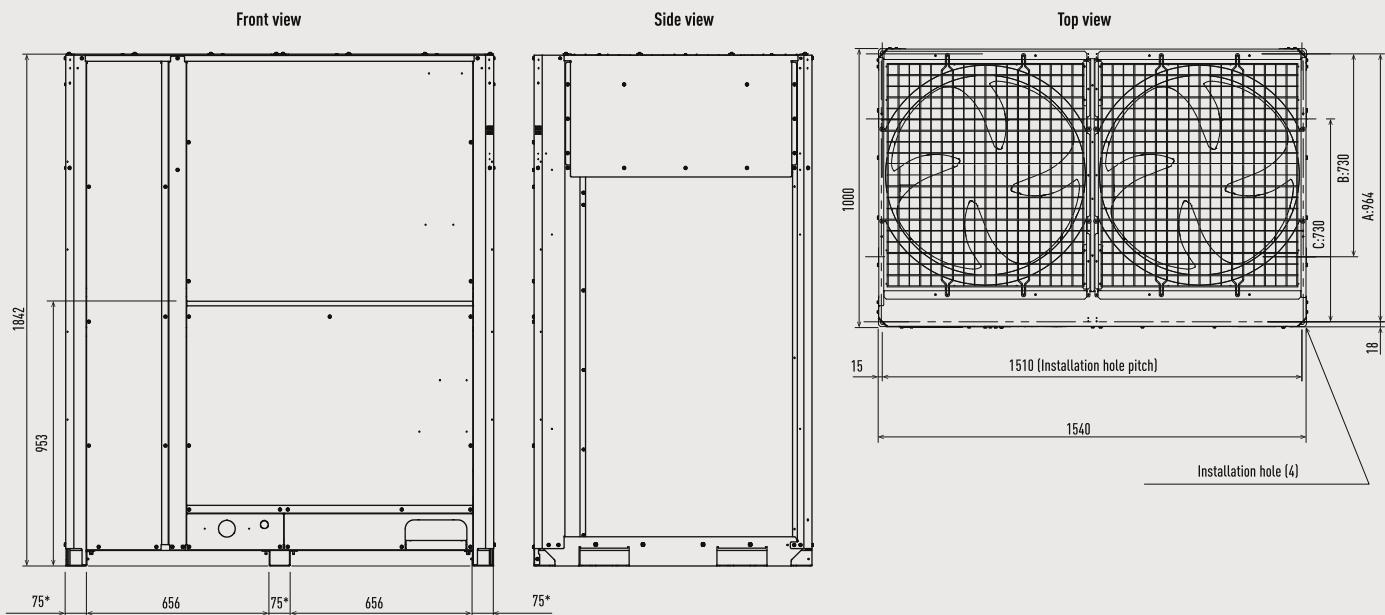
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from A, B or C.

- A: 964 [Installation hole pitch] (the piping is routed out from the front)
- B: 730 [Installation hole pitch] * The piping is routed out from the bottom)
- C: 730 [Installation hole pitch]

* Installation fixing bracket. Installation side

Unit: mm

2-Pipe ECOi EX ME2 Series 18 and 20HP



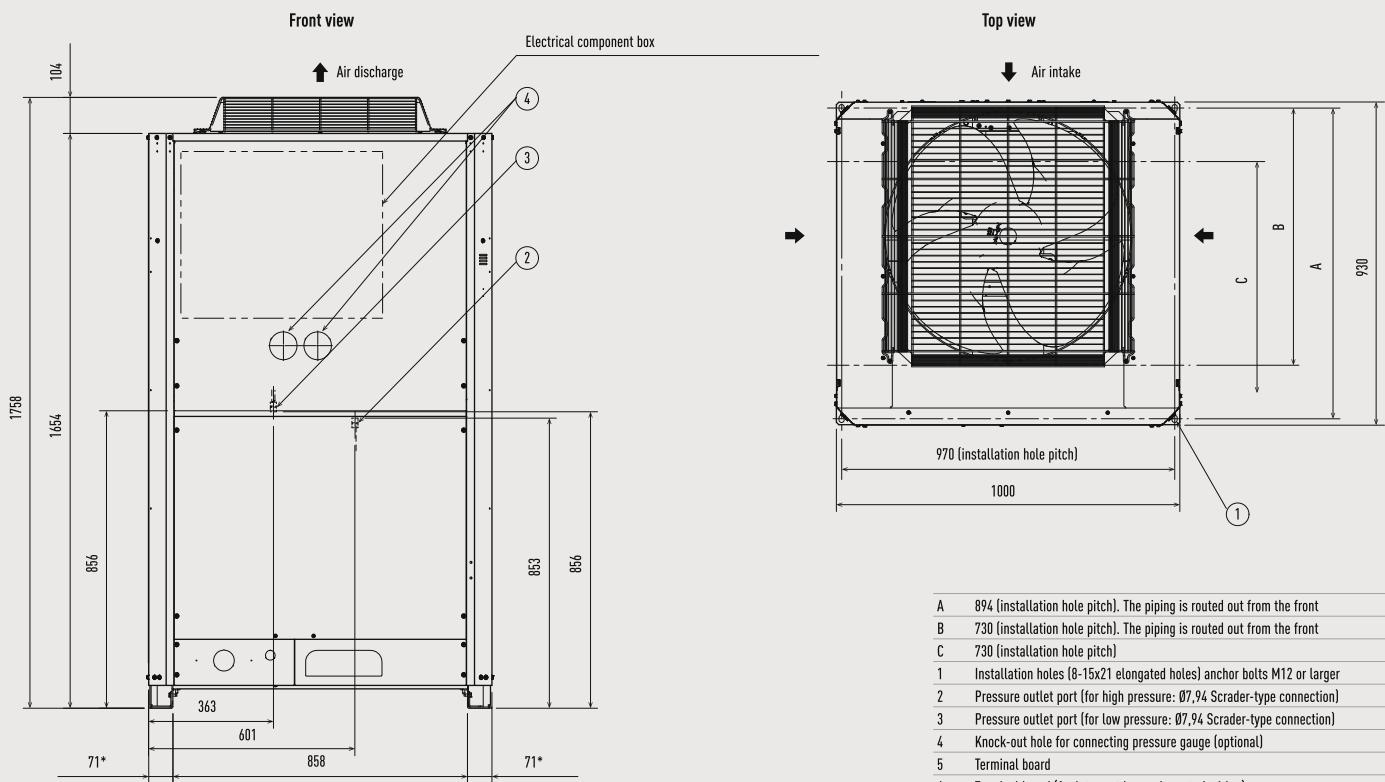
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from A, B or C.

- A: 964 (Installation hole pitch) (the piping is routed out from the front)
- B: 730 (Installation hole pitch) * The piping is routed out from the bottom
- C: 730 (Installation hole pitch)

* Installation fixing bracket. Installation side

Unit: mm

3-Pipe ECOi MF2 6N Series 8 to 16HP



A 894 (installation hole pitch). The piping is routed out from the front

B 730 (installation hole pitch). The piping is routed out from the front

C 730 (installation hole pitch)

1 Installation holes (8-15x21 elongated holes) anchor bolts M12 or larger

2 Pressure outlet port (for high pressure: Ø7,94 Schrader-type connection)

3 Pressure outlet port (for low pressure: Ø7,94 Schrader-type connection)

4 Knock-out hole for connecting pressure gauge (optional)

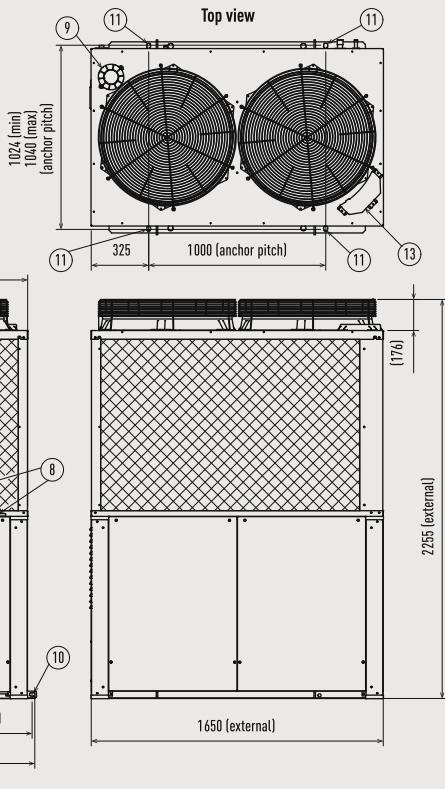
5 Terminal board

6 Terminal board (for inter-outdoor-unit control wiring)

ECO G GE3 Series 16 and 20HP

Type	16HP	20HP
1 Gas refrigerant pipe	Ø28,58	
2 Liquid refrigerant pipe	Ø12,7	Ø15,88
3 Exhaust gas drain port	HOSE OD: Ø25 (accessory)	
4 Electrical power supply port	Ø28	
5 Inter-unit cable port	Ø28	
6 Fuel gas port	R3/4	
7 Condensation drain opening	Ø20	
8 Rain and condensation outlet		

9 Engine exhaust outlet	
10 Suspension holes 4-Ø20x30	
11 Anchor holes 4-22x30	
12 Segmented display	
13 Coolant intake (top)	
14 Air intake	
15 Coolant level	
16 Hot water inlet	Rp3/4
17 Hot water outlet	Rp3/4

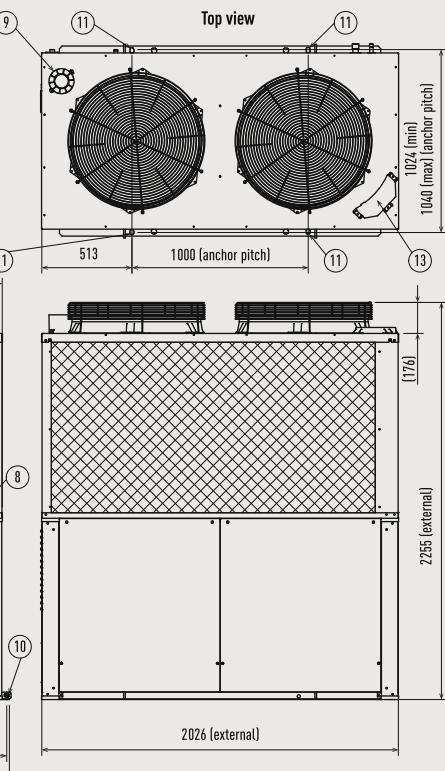


Unit: mm

ECO G GE3 Series 25 and 30HP

Type	25HP	30HP
1 Gas refrigerant pipe	Ø28,58	Ø31,75
2 Liquid refrigerant pipe	Ø15,88	Ø19,05
3 Exhaust gas drain port	HOSE OD: Ø25 (accessory)	
4 Electrical power supply port	Ø28	
5 Inter-unit cable port	Ø28	
6 Fuel gas port	R3/4	
7 Condensation drain opening	Ø20	
8 Rain and condensation outlet		

9 Engine exhaust outlet	
10 Suspension holes 4-Ø20x30	
11 Anchor holes 4-22x30	
12 Segmented display	
13 Coolant intake (top)	
14 Air intake	
15 Coolant level	
16 Hot water inlet	Rp3/4
17 Hot water outlet	Rp3/4

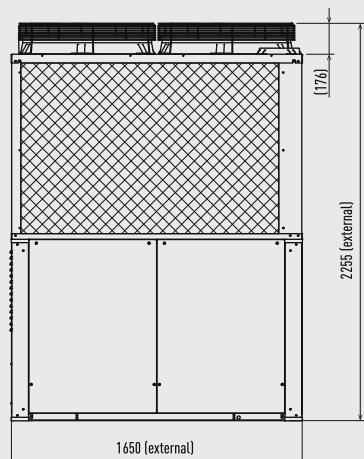
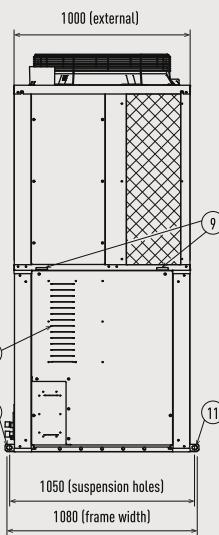
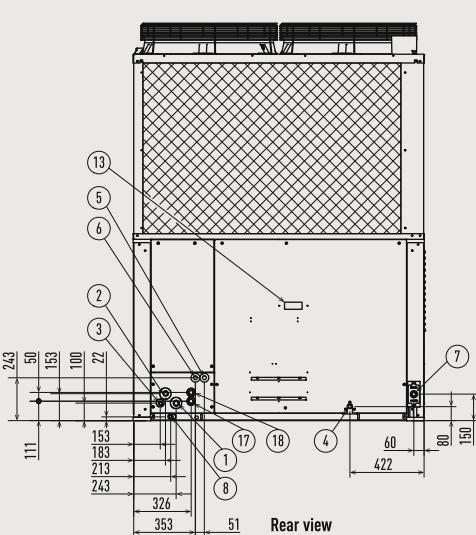
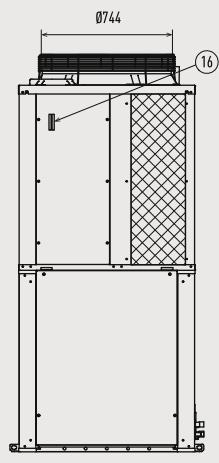
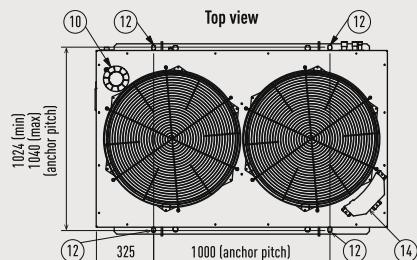


Unit: mm

ECO G GF3 Series 16 and 20HP

Type	16HP	20HP
1 Suction Gas refrigerant pipe	Ø28,58	
2 Discharge Gas refrigerant pipe	Ø22,22	Ø25,4
3 Liquid refrigerant pipe	Ø19,05	
4 Exhaust gas drain port	HOSE OD: Ø25 (accessory)	
5 Electrical power supply port	Ø28	
6 Inter-unit cable port	Ø28	
7 Fuel gas port	R3/4	
8 Condensation drain opening	Ø20	
9 Rain and condensation outlet		

10 Engine exhaust outlet	
11 Suspension holes 4-Ø20x30	
12 Anchor holes 4-22x30	
13 Segmented display	
14 Coolant intake (top)	
15 Air intake	
16 Coolant level	
17 Hot water inlet	Rp3/4
18 Hot water outlet	Rp3/4

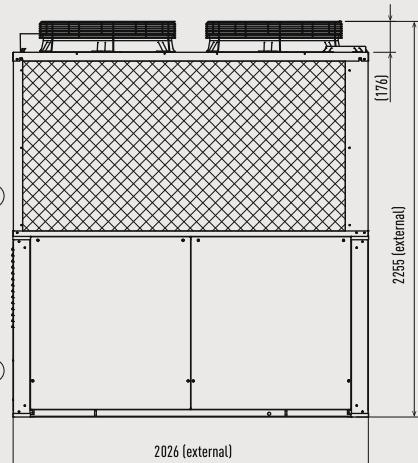
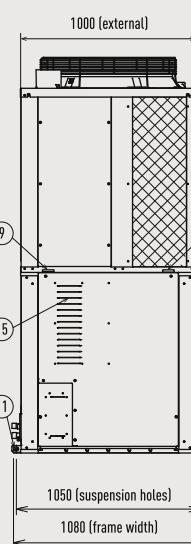
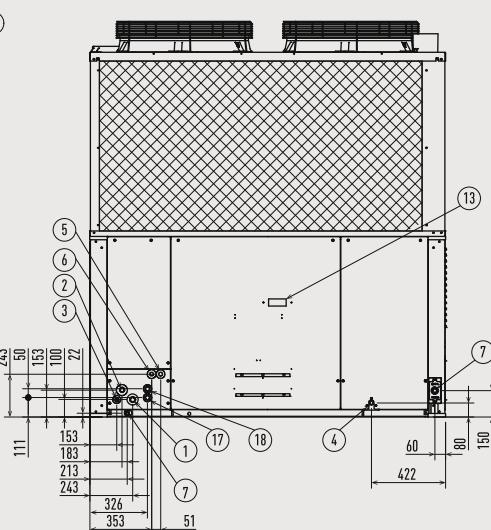
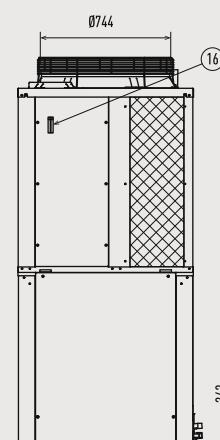
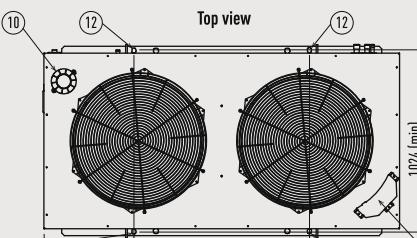


Unit: mm

ECO G GF3 Series 25HP

1 Suction Gas refrigerant pipe	Ø28,58
2 Discharge Gas refrigerant pipe	Ø25,4
3 Liquid refrigerant pipe	Ø19,05
4 Exhaust gas drain port	HOSE OD: Ø25 (accessory)
5 Electrical power supply port	Ø28
6 Inter-unit cable port	Ø28
7 Fuel gas port	R3/4
8 Condensation drain opening	Ø20
9 Rain and condensation outlet	

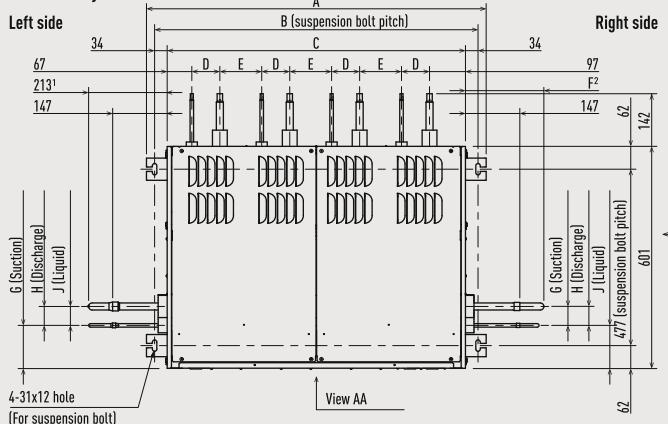
10 Engine exhaust outlet	
11 Suspension holes 4-Ø20x30	
12 Anchor holes 4-22x30	
13 Segmented display	
14 Coolant intake (top)	
15 Air intake	
16 Coolant level	
17 Hot water inlet	Rp3/4
18 Hot water outlet	Rp3/4



Unit: mm

3-Pipe Control Box Kit / Multiple connection type

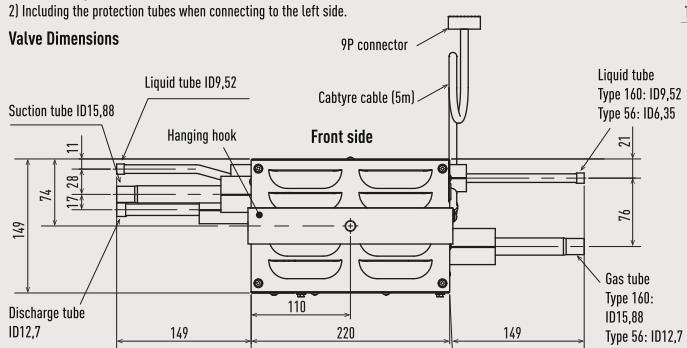
Heat Recovery Box Dimensions



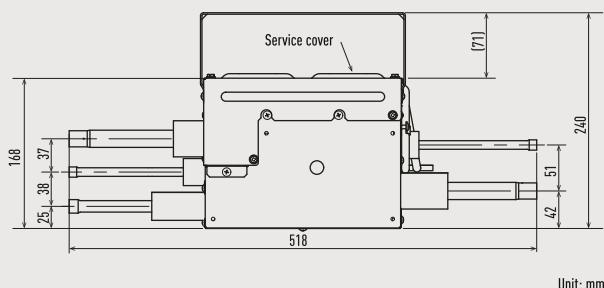
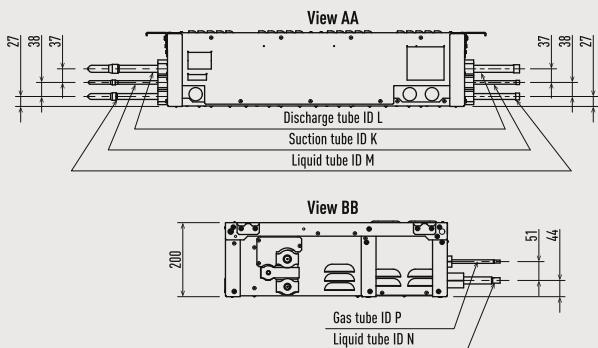
1) In case of right side connection.

2) Including the protection tubes when connecting to the left side.

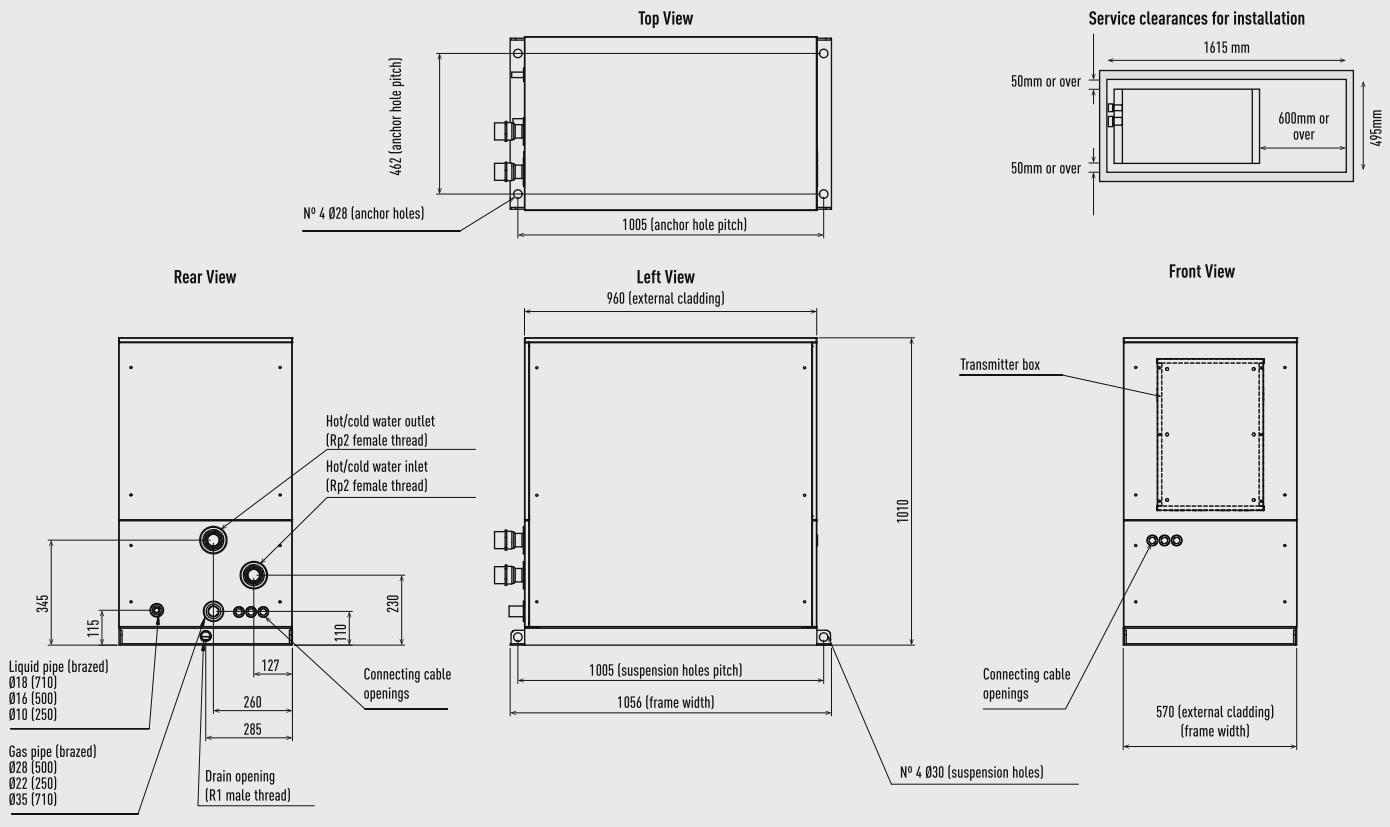
Valve Dimensions



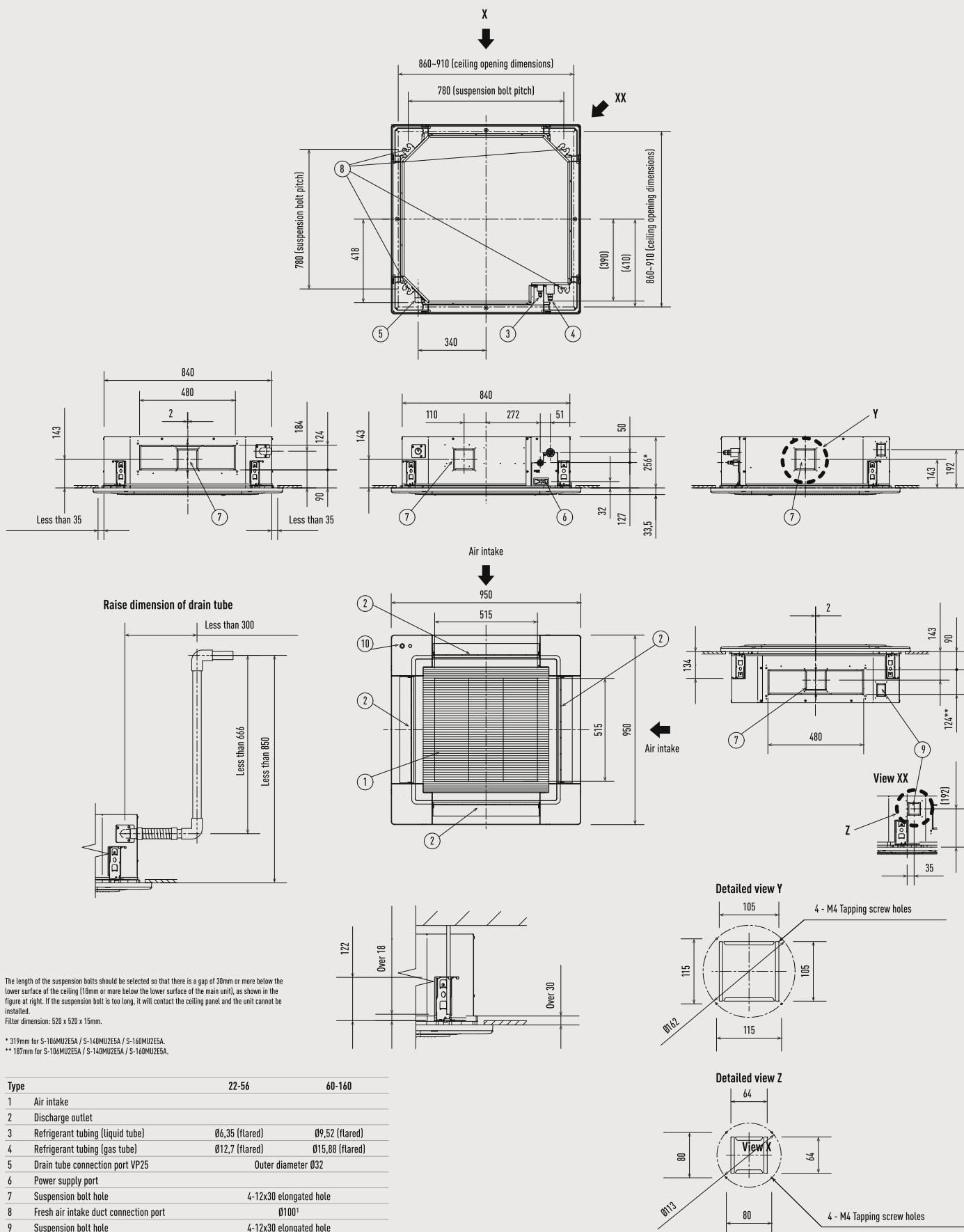
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
Type 456	919	874	807	67	113	213	51	51	117	019,05	015,88	09,52	06,35	012,7
Type 4160	919	874	807	67	113	207	55	54	113	09,52	015,88	028,58	025,4	015,88
Type 656	1297	1253	1185	67	113	213	54	55	115	025,4	019,05	012,7	06,35	012,7
Type 856	1675	1631	1563	67	113	213	53	53	115	028,58	022,22	012,7	06,35	012,7



Water Heat Exchanger for chilled and hot water production



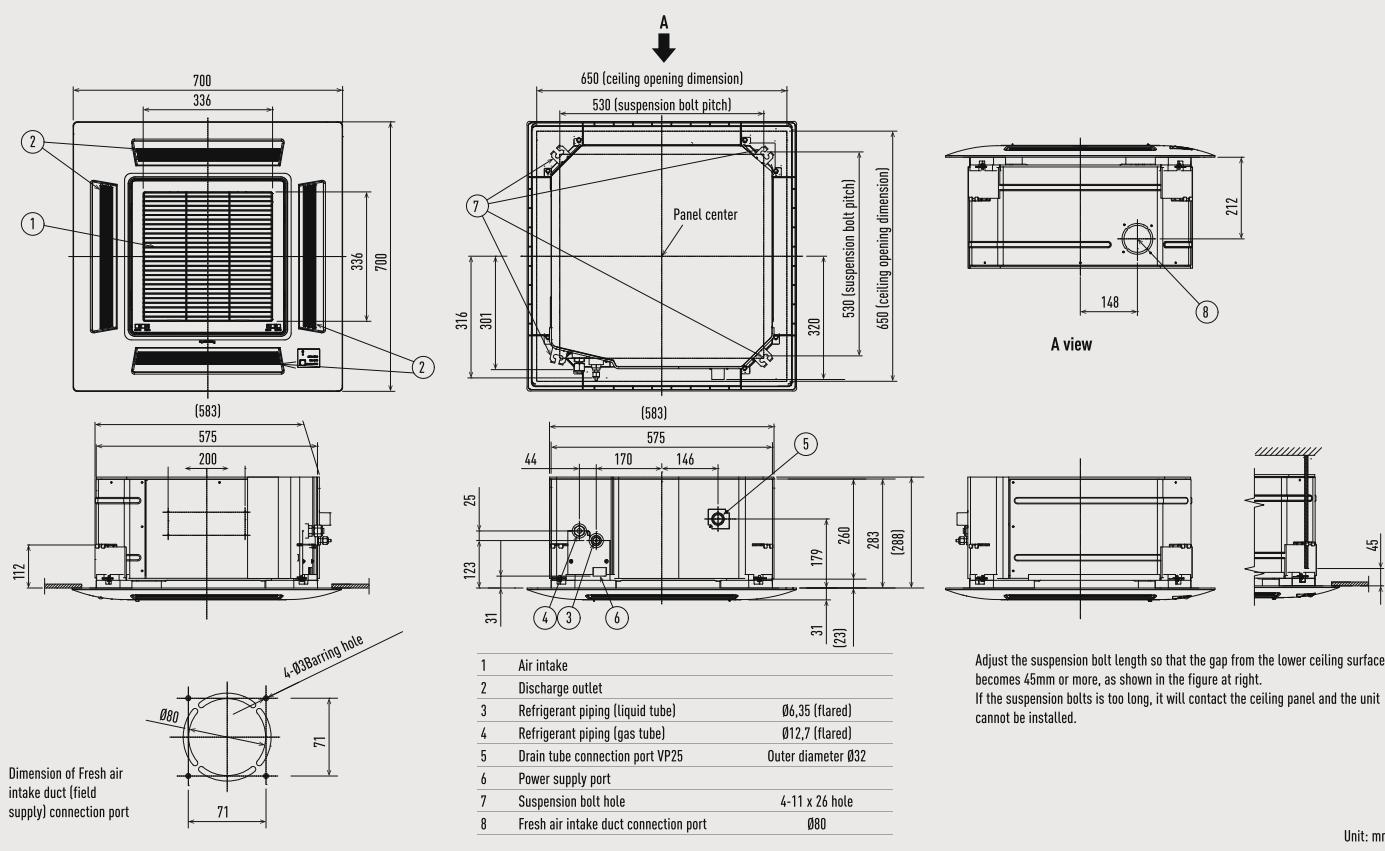
U2 Type 4 Way 90x90 Cassette



¹ Necessary to attach duct connecting flangefield supplied.

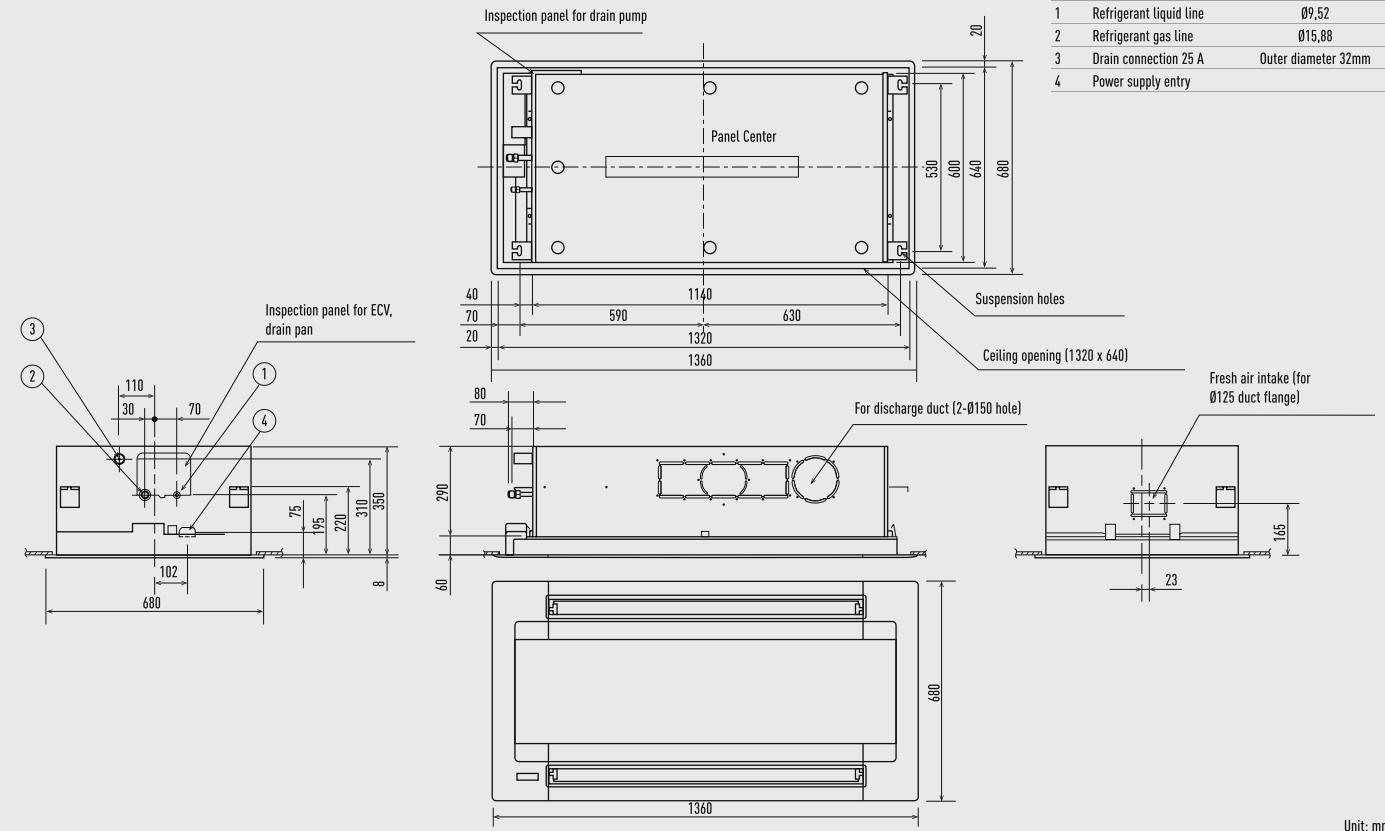
Unit: mm

Y2 Type 4 Way 60x60 Cassette



Unit: mm

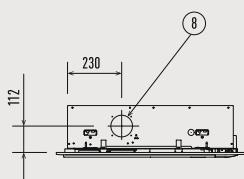
L1 Type 2 Way Cassette



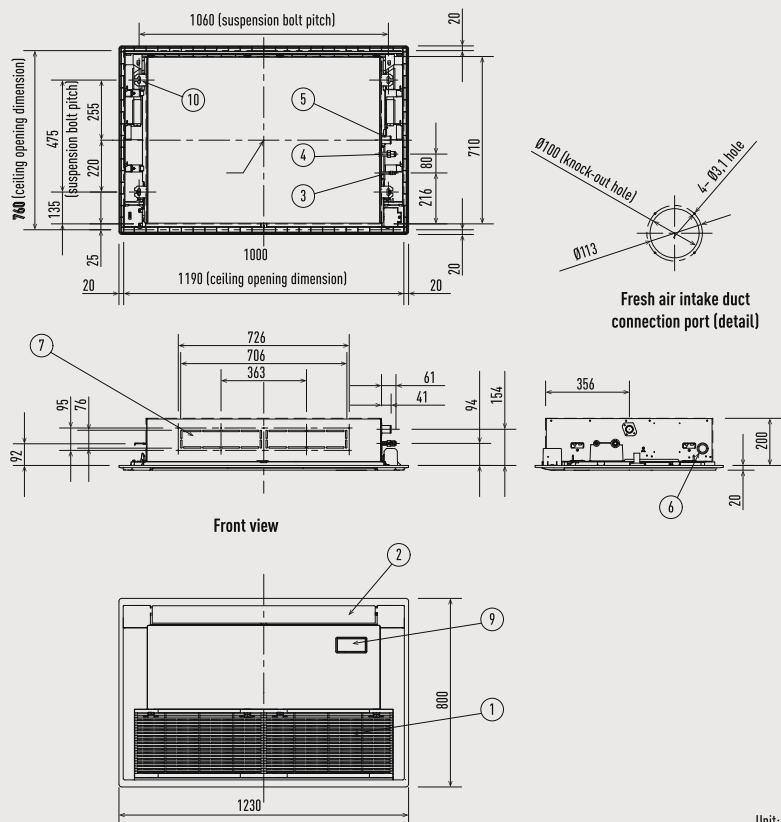
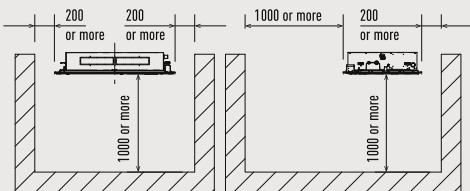
Unit: mm

D1 Type 1 Way Cassette

	28-56	73
1 Air intake grille		
2 Discharge outlet		
3 Refrigerant piping (liquid pipes)	Ø6,35 (flared)	Ø9,52 (flared)
4 Refrigerant piping (gas pipes)	Ø12,7 (flared)	Ø15,88 (flared)
5 Drain connection VP25		Outer diameter 32
6 Power supply entry		
7 Discharge duct connection port (for descending ceiling)		
8 Fresh air intake duct connection port	Ø100	
9 Installation port for wireless remote controller receiver		
10 Suspension bolt hole	4-12 30 hole	

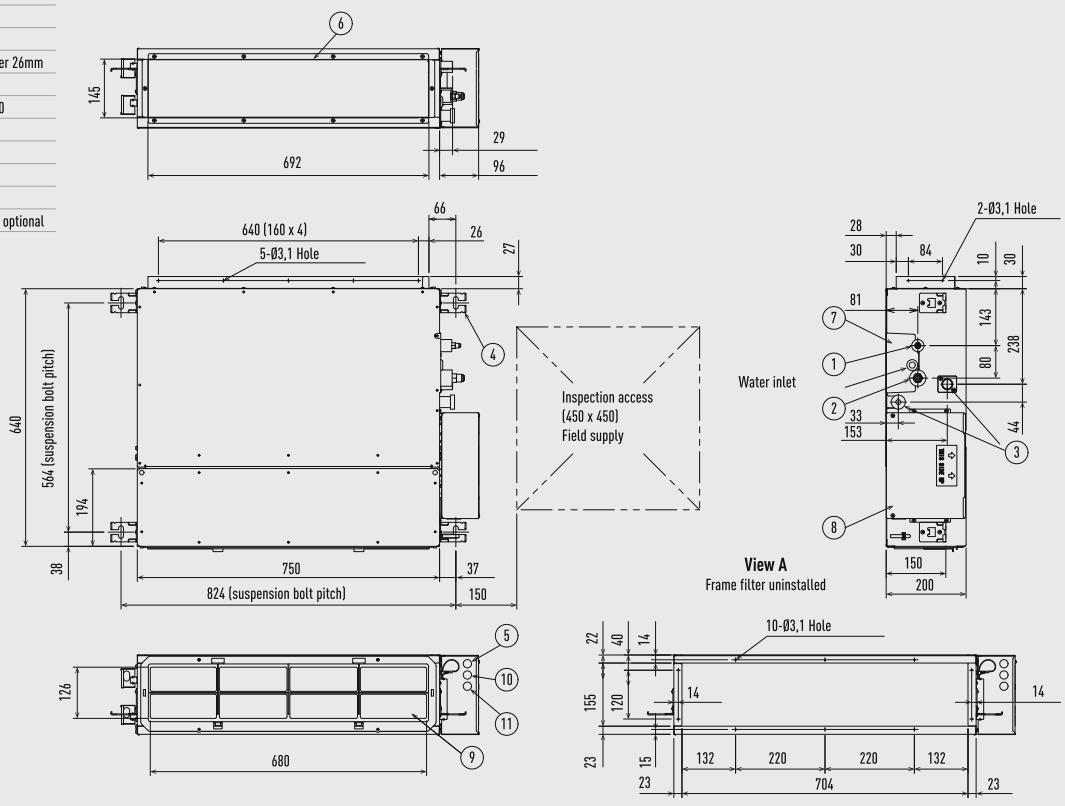


Required space for installation



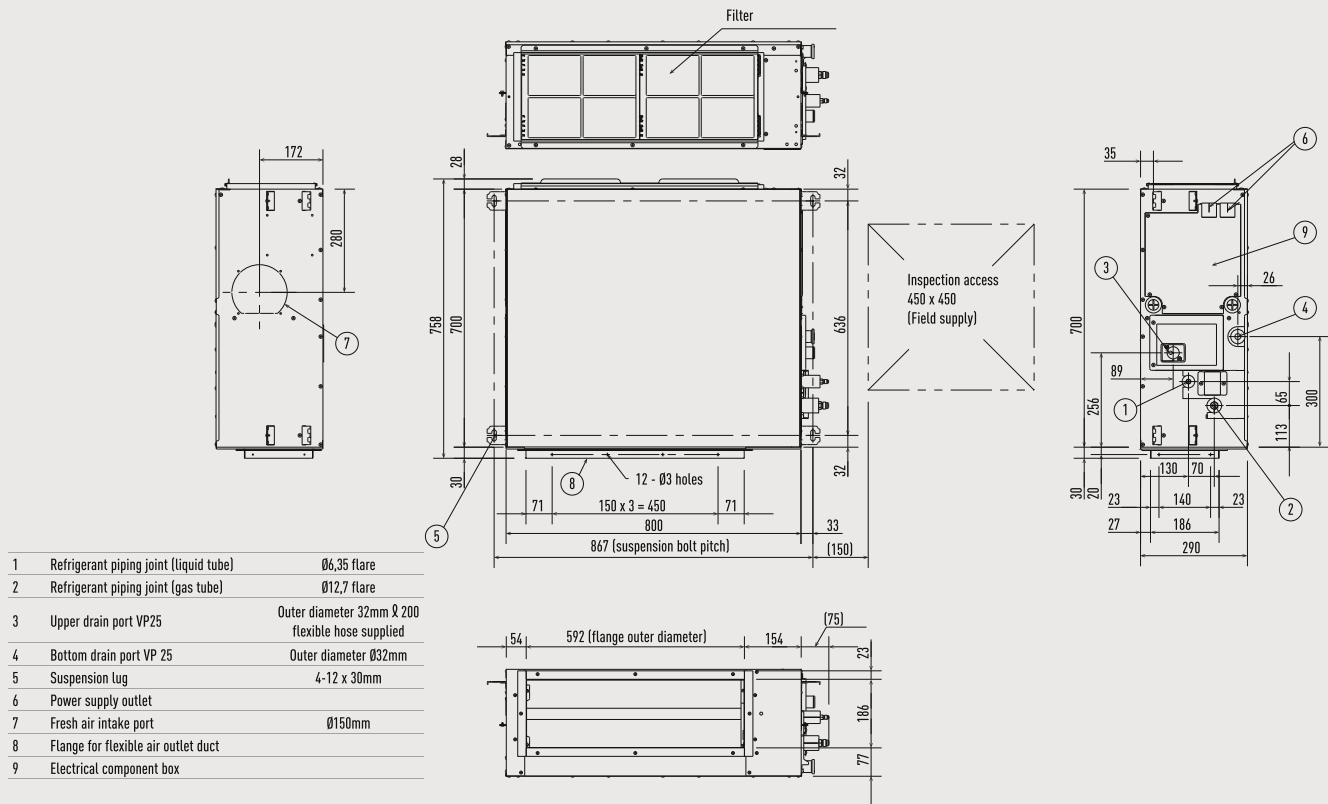
M1 Type Slim Variable Static Pressure Hide Away

1 Refrigerant piping joint (narrow tube)	
2 Refrigerant piping joint (wide tube)	
3 Upper and bottom drain port	Outer diameter 26mm
4 Suspension lug	
5 Power supply outlet	2- Ø30
6 Flange for air intake duct	
7 PL cover	
8 Electrical component box	
9 Frame filter	
10 Signal output board	ACC-SG-AGB: optional

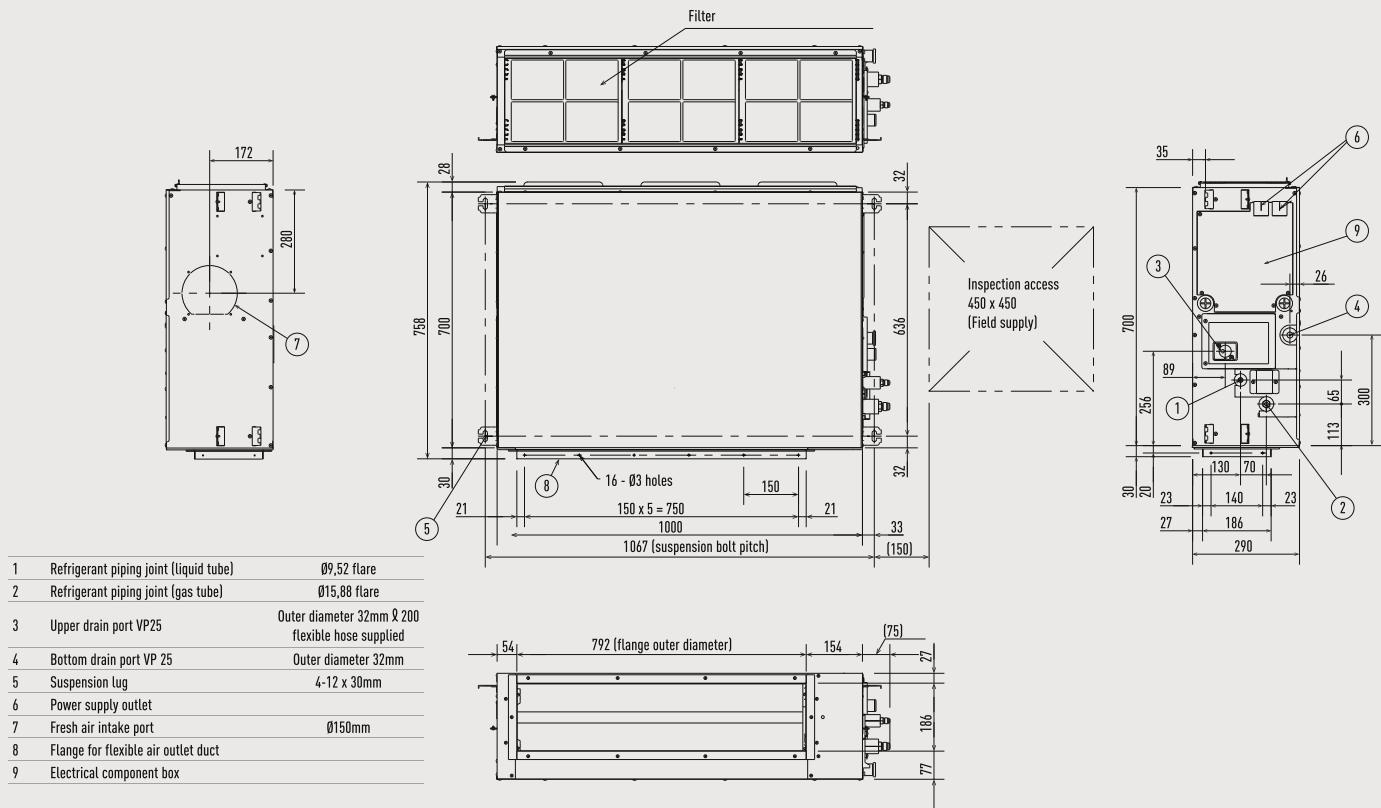


F2 Type Variable Static Pressure Hide Away

S-15MF2E5A // S-22MF2E5A // S-28MF2E5A // S-36MF2E5A // S-45MF2E5A // S-56MF2E5A

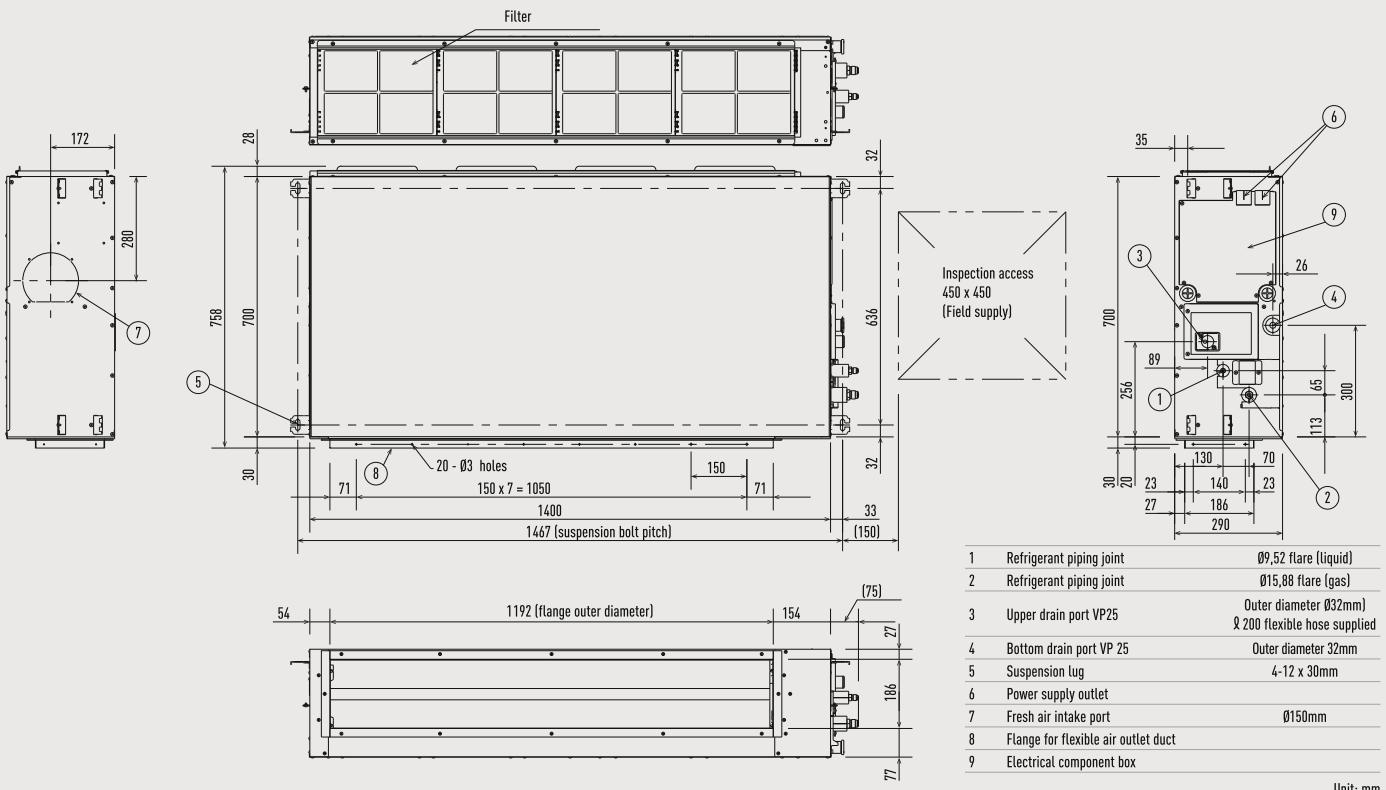


S-60MF2E5A // S-73MF2E5A // S-90MF2E5A

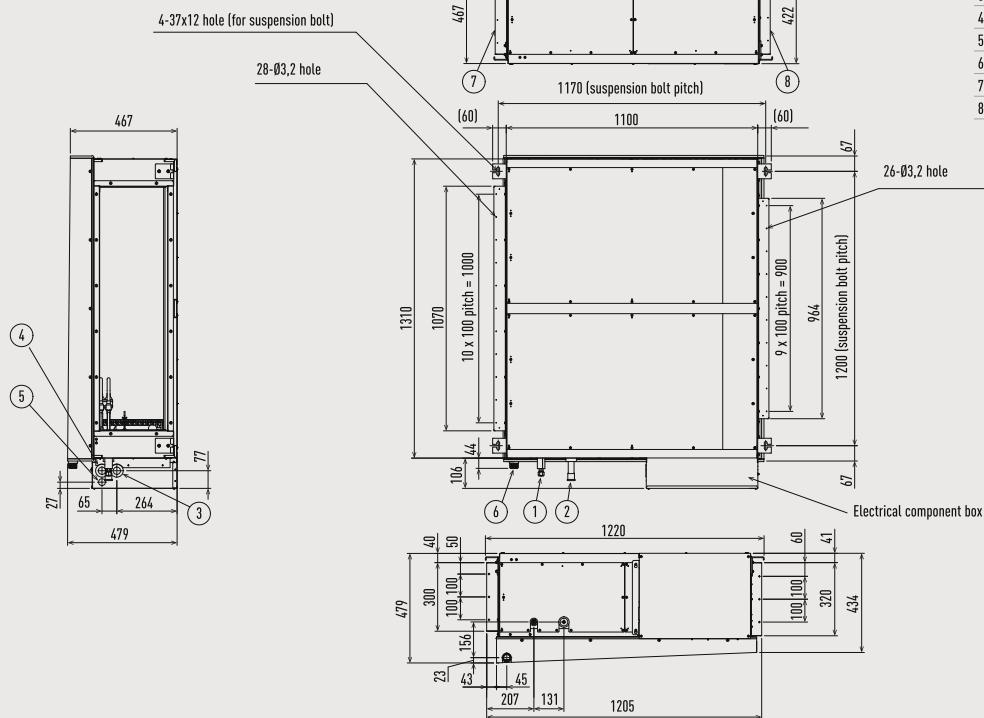


F2 Type Variable Static Pressure Hide Away

S-106MF2E5A // S-140MF2E5A // S-160MF2E5A

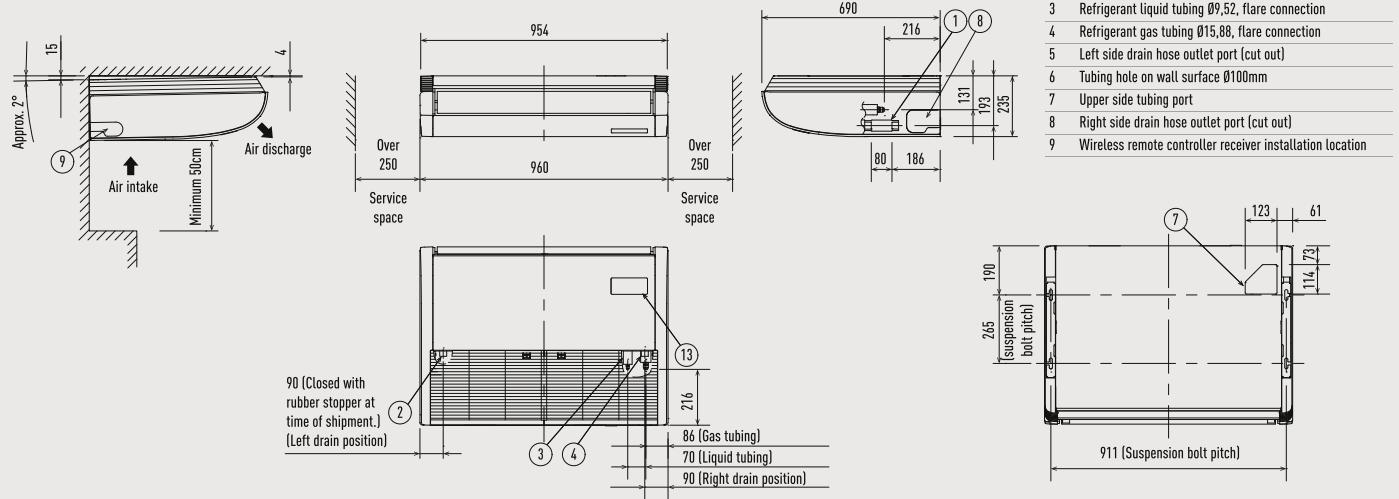


E2 Type High Static Pressure Hide Away

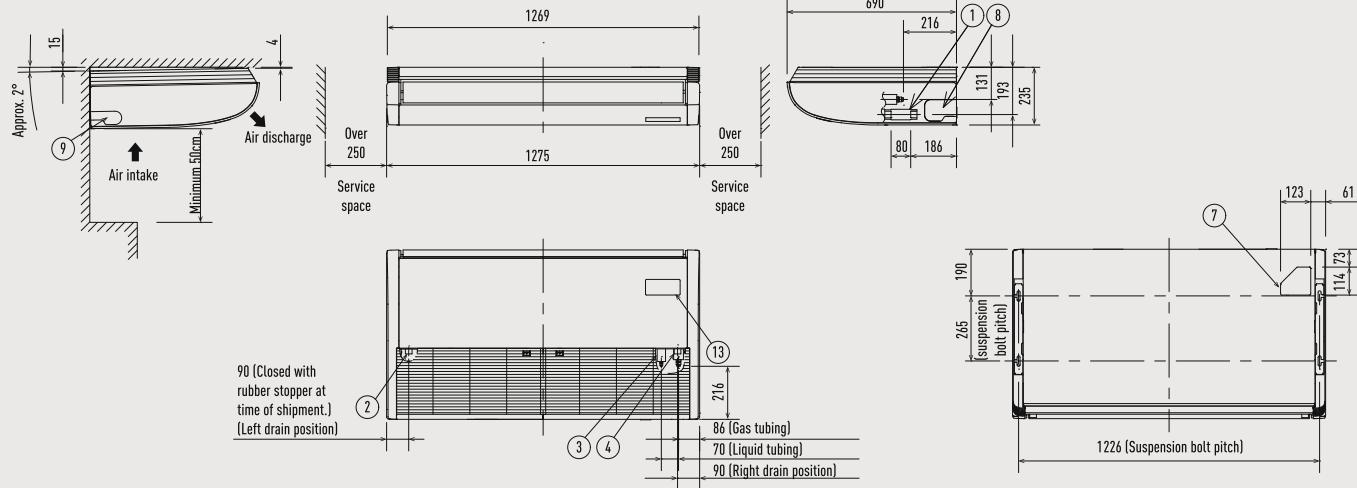


T2 Type Ceiling

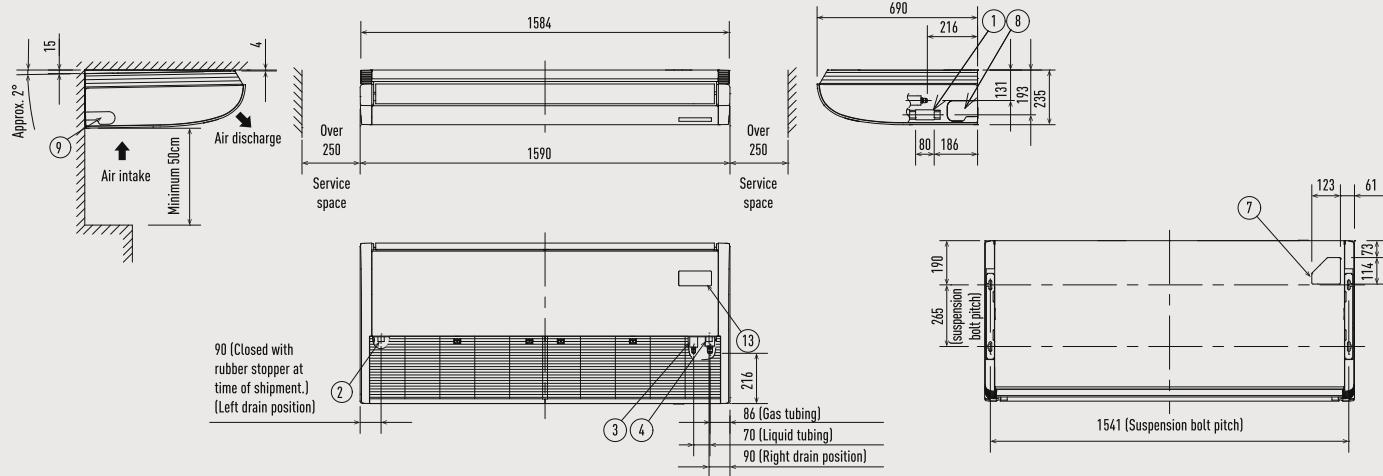
S-36MT2E5A // S-45MT2E5A // S-56MT2E5A



S-73MT2E5A

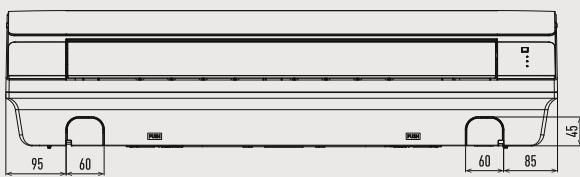
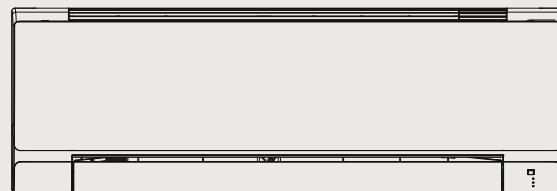
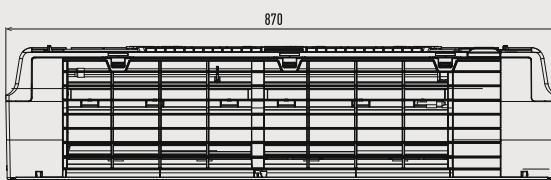


S-106MT2E5A // S-140MT2E5A

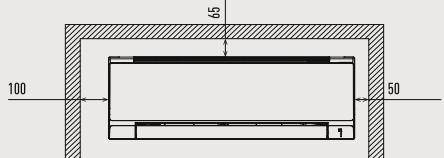
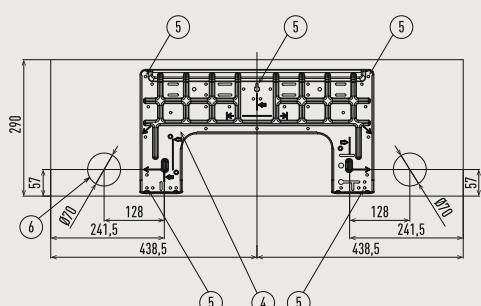
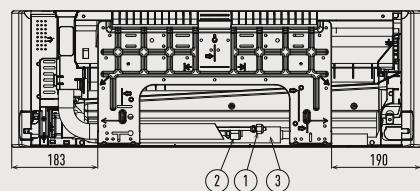


K2 Type Wall Mounted

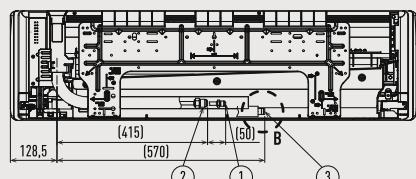
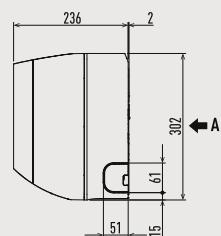
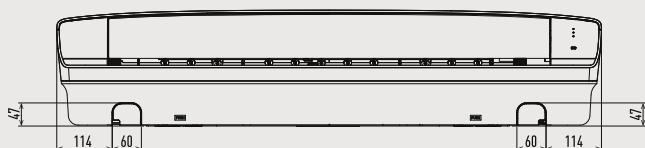
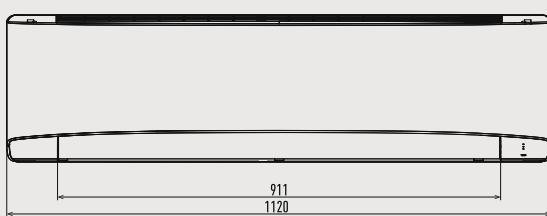
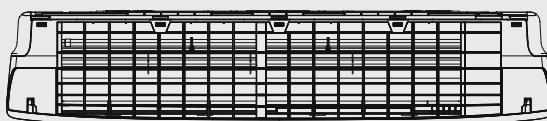
S-15MK2E5A / S-22MK2E5A / S-28MK2E5A / S-36MK2E5A



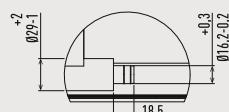
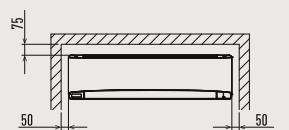
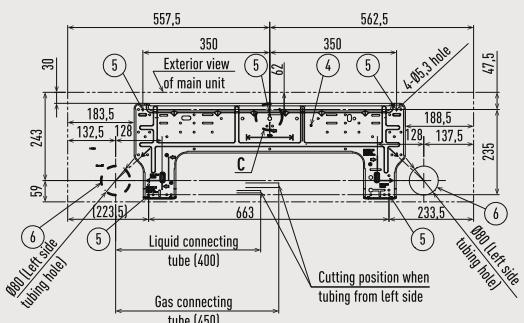
1	Refrigerant piping (liquid tube)	Ø6,35 (flared)
2	Drain hose	Outer diameter 16mm
3	Rear panel	PL Back
4	Refrigerant piping (gas tube)	Ø12,7 (flared)
5	Rear panel fixing holes	
6	Piping and wiring holes	Ø70



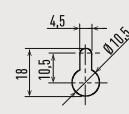
S-45MK2E5A // S-56MK2E5A // S-73MK2E5A // S-106MK2E5A



View A



Detailed view B



Detailed view C

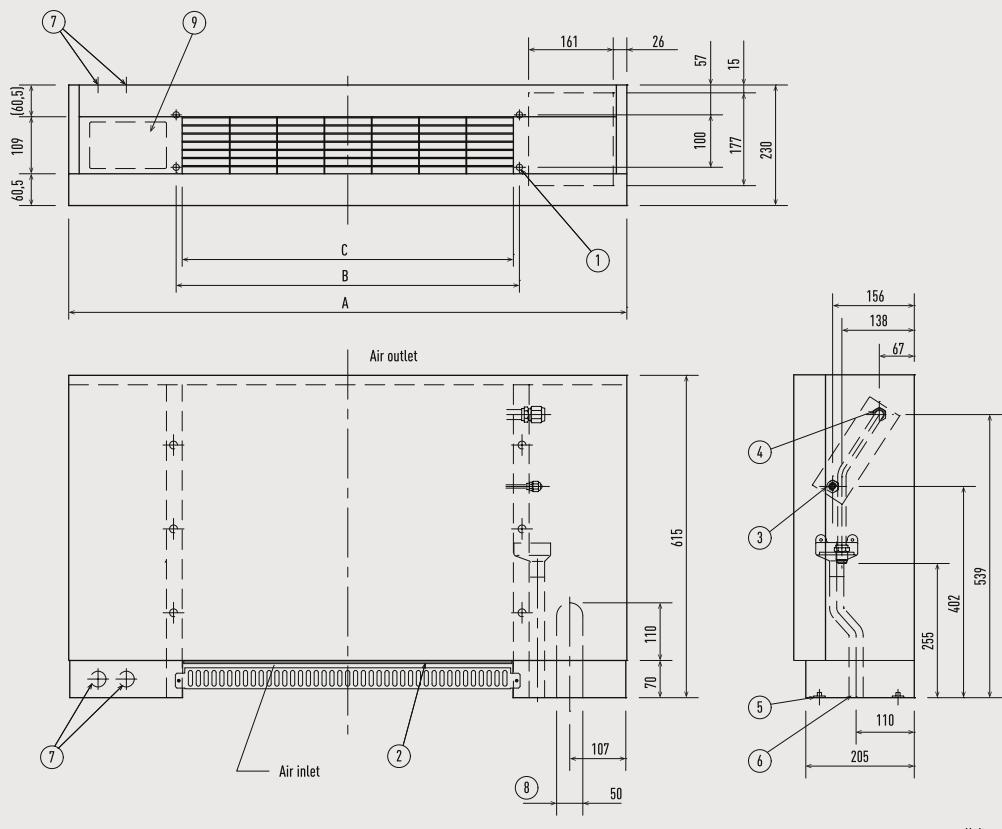
Type	45-56	73-106
1	Refrigerant tubing (liquid tube)	Ø6,35 (flared)
2	Refrigerant tubing (gas tube)	Ø12,7 (flared)
3	Drain hose	
4	Rear panel	
5	Rear panel fixing holes (Ø5,3 holes or as shown in figure "C")	
6	Tubing and wiring holes (Ø80)	

Unit: mm

P1 Type Floor Standing

1	4-Ø12 hole (for fastening the indoor unit to the floor with screws)
2	Air filter
3	Refrigerant connection outlet (liquid tube)
4	Refrigerant connection outlet (gas tube)
5	Level adjusting bolt
6	Drain outlet (20 A)
7	Power cord outlet (downward, rear)
8	Refrigerant piping outlet (downward, rear)
9	Location for mounting the remote controller (remote controller can be attached within the room)

	A	B	C	Liquid pipes	Gas pipes
22-36	1065	665	632		
45				Ø6,35	Ø12,7
56	1380	980	947		
71				Ø9,52	Ø15,88

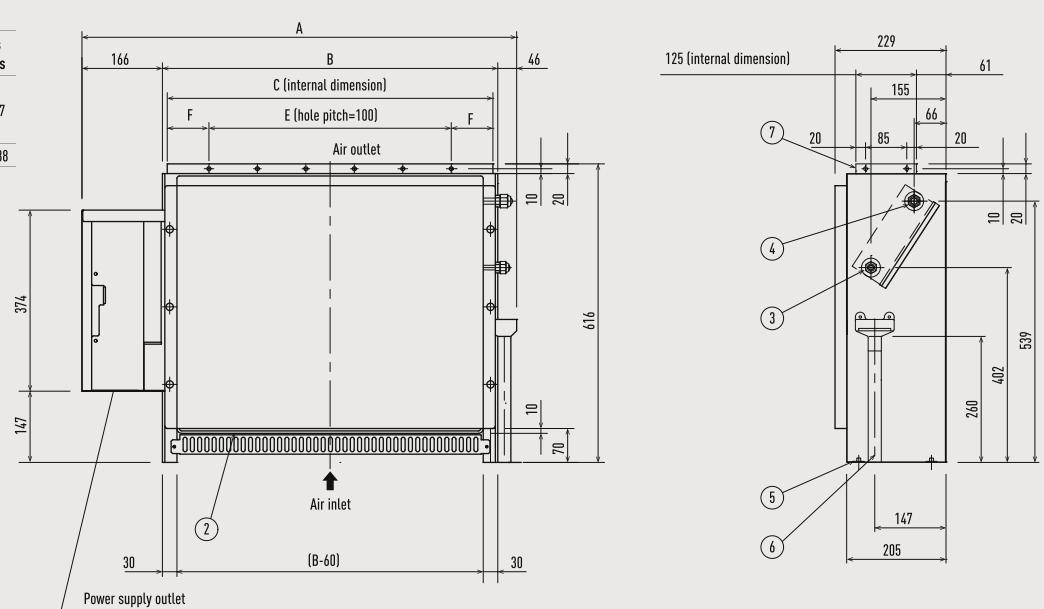


Unit: mm

R1 Type Concealed Floor Standing

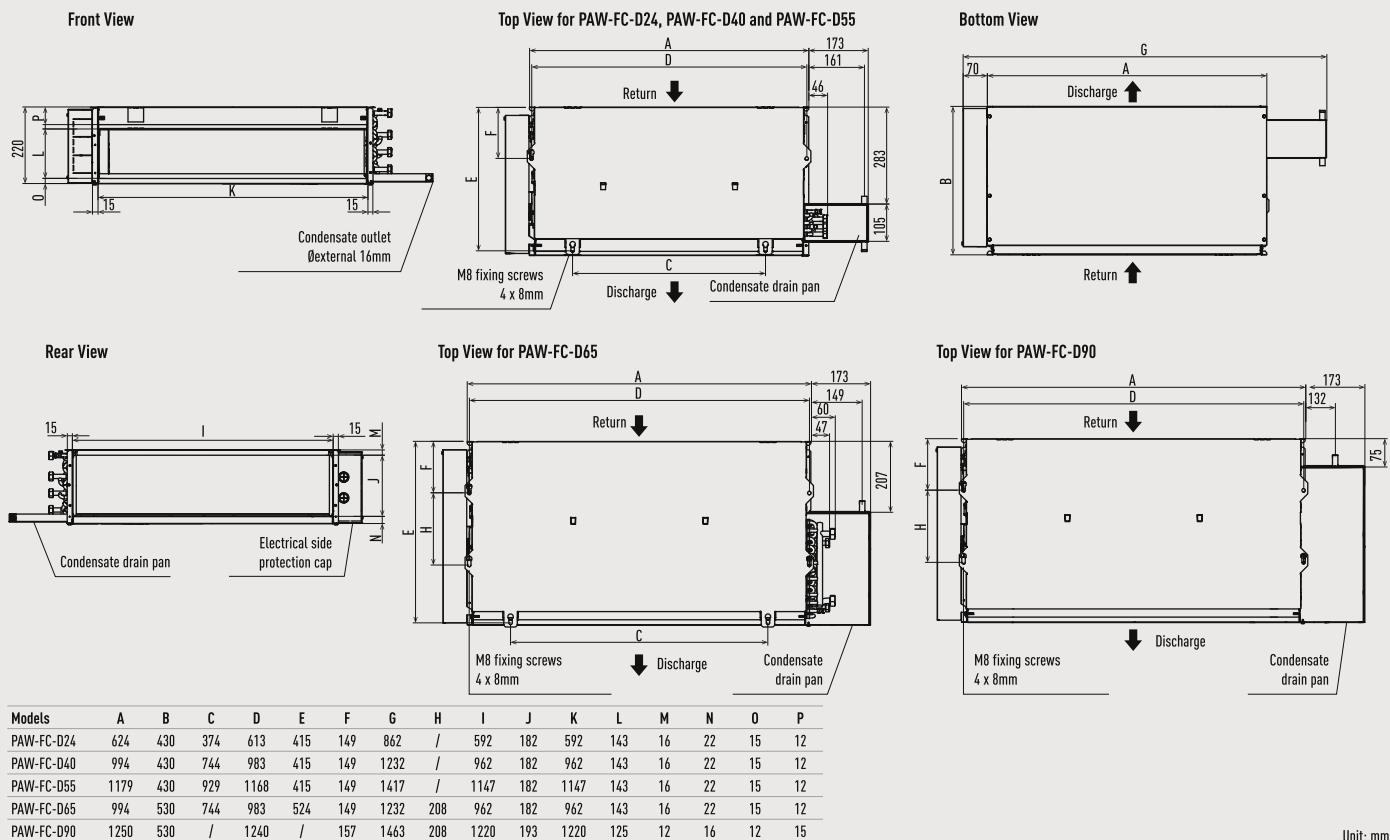
1	4-Ø12 hole (for fastening the indoor unit to the floor with screws)
2	Air filter
3	Refrigerant connection outlet (liquid tube)
4	Refrigerant connection outlet (gas tube)
5	Level adjusting bolt
6	Drain outlet (20 A)
7	Flange for the air-outlet duct

	A	B	C	D	E	F	Liquid pipes	Gas pipes
22-36	904	692	672	665	500	86		
45							Ø6,35	Ø12,7
56	1219	1007	1002	980	900	51		
71							Ø9,52	Ø15,88



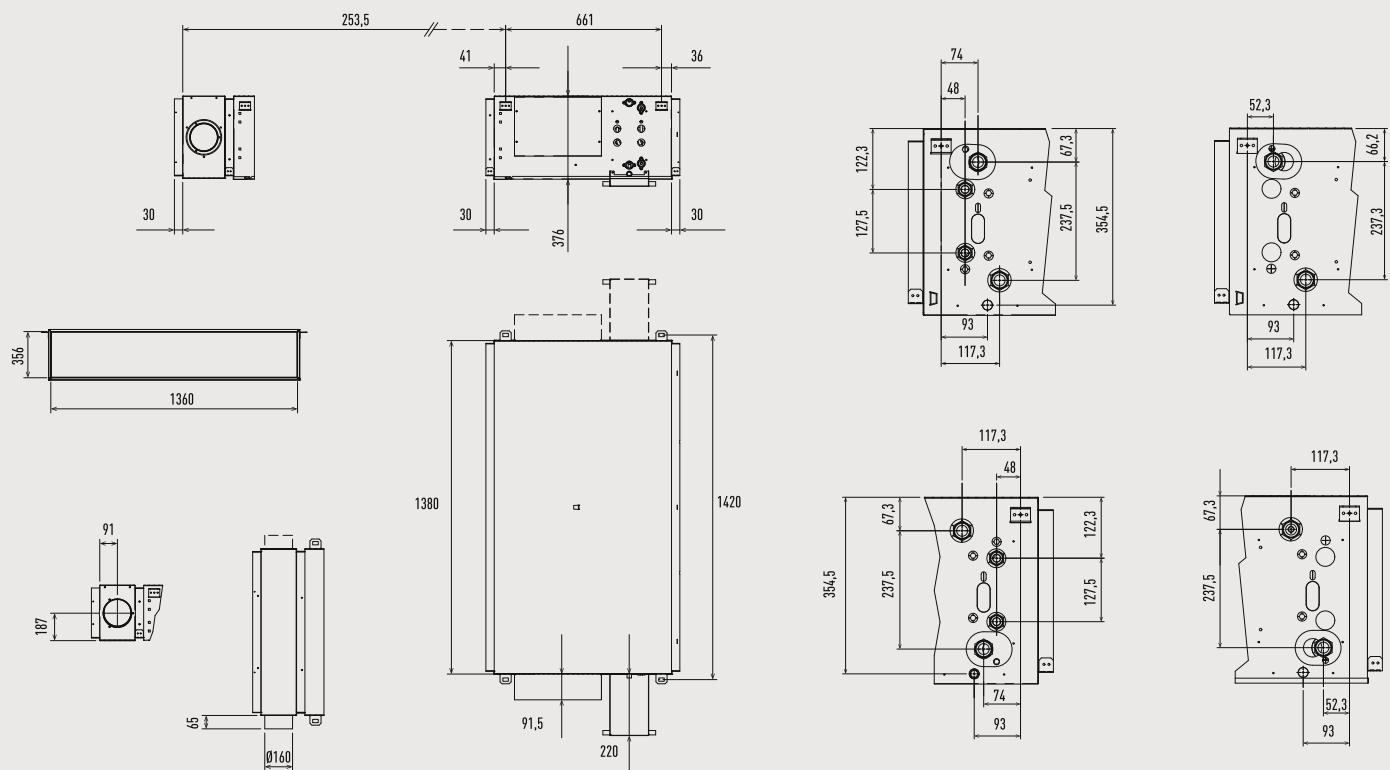
Unit: mm

Fan Coil Compact



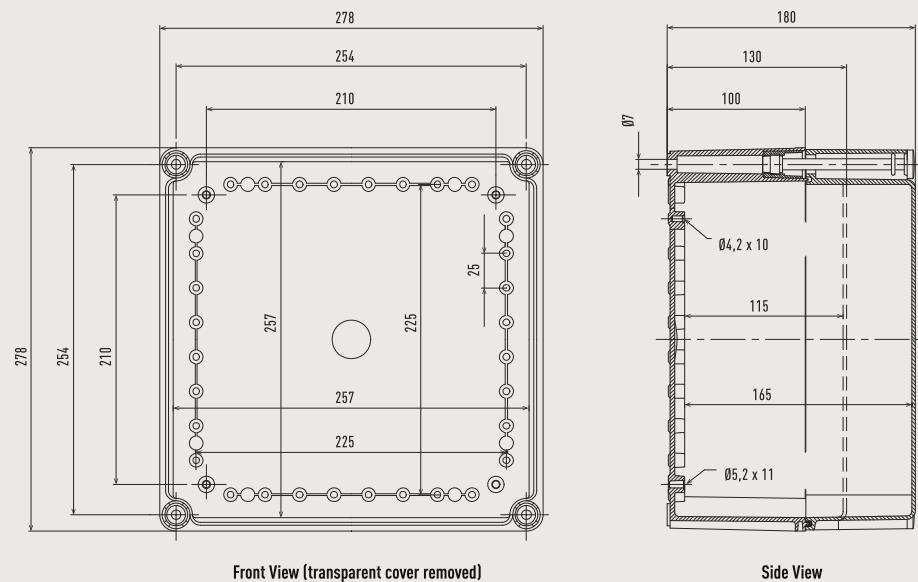
Unit: mm

Fan Coil High Static Pressure



Unit: mm

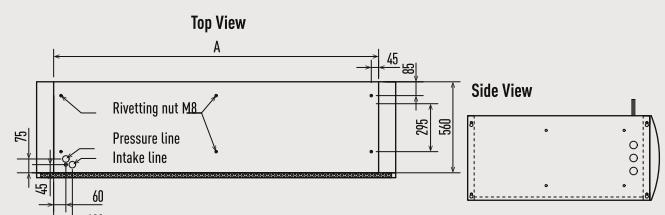
AHU Connection Kit



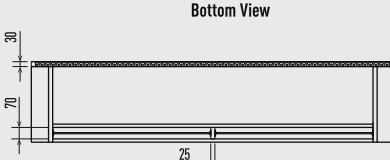
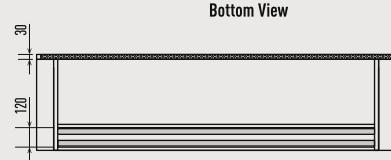
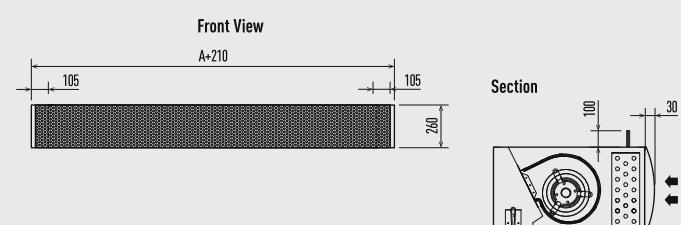
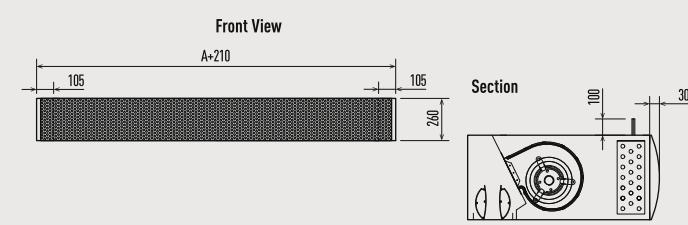
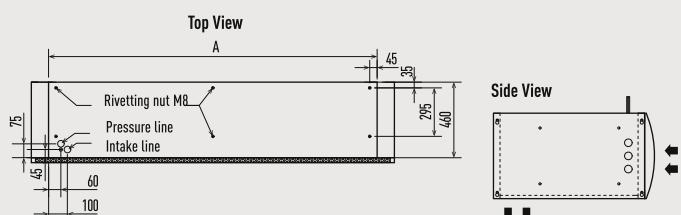
Unit: mm

Air Curtain with DX Coil

Jet-flow dimensions



Standard dimensions

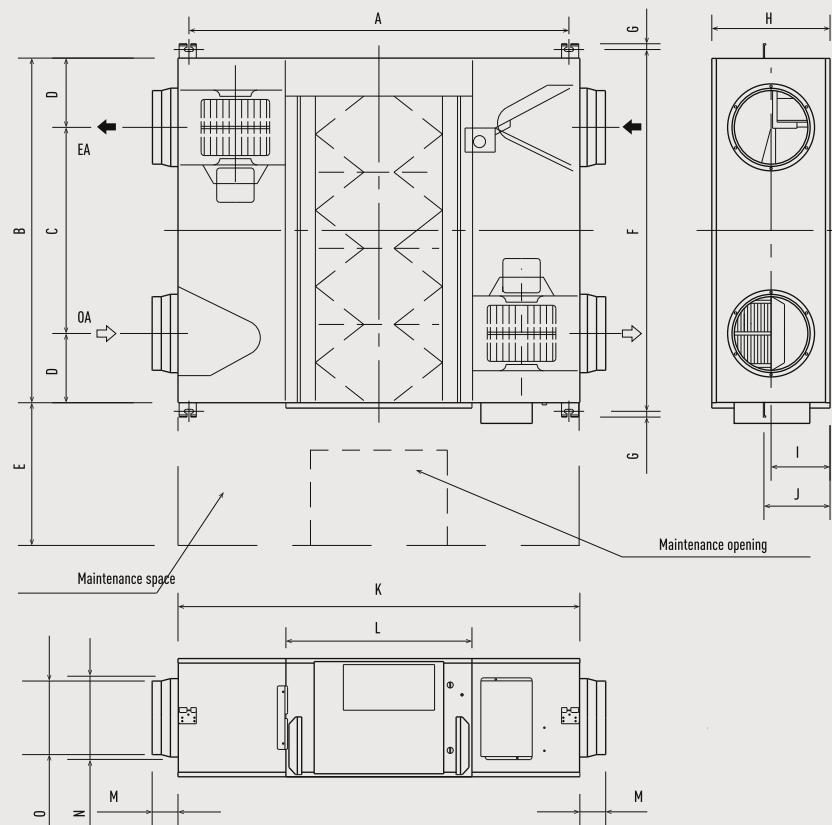


	PAW-10EAIRC-MJ	PAW-15EAIRC-MJ	PAW-20EAIRC-MJ	PAW-25EAIRC-MJ
A	1000	1500	2000	2500

	PAW-10EAIRC-MS	PAW-20EAIRC-MS
A	1000	2000

Unit: mm

Energy Recovery Ventilation System

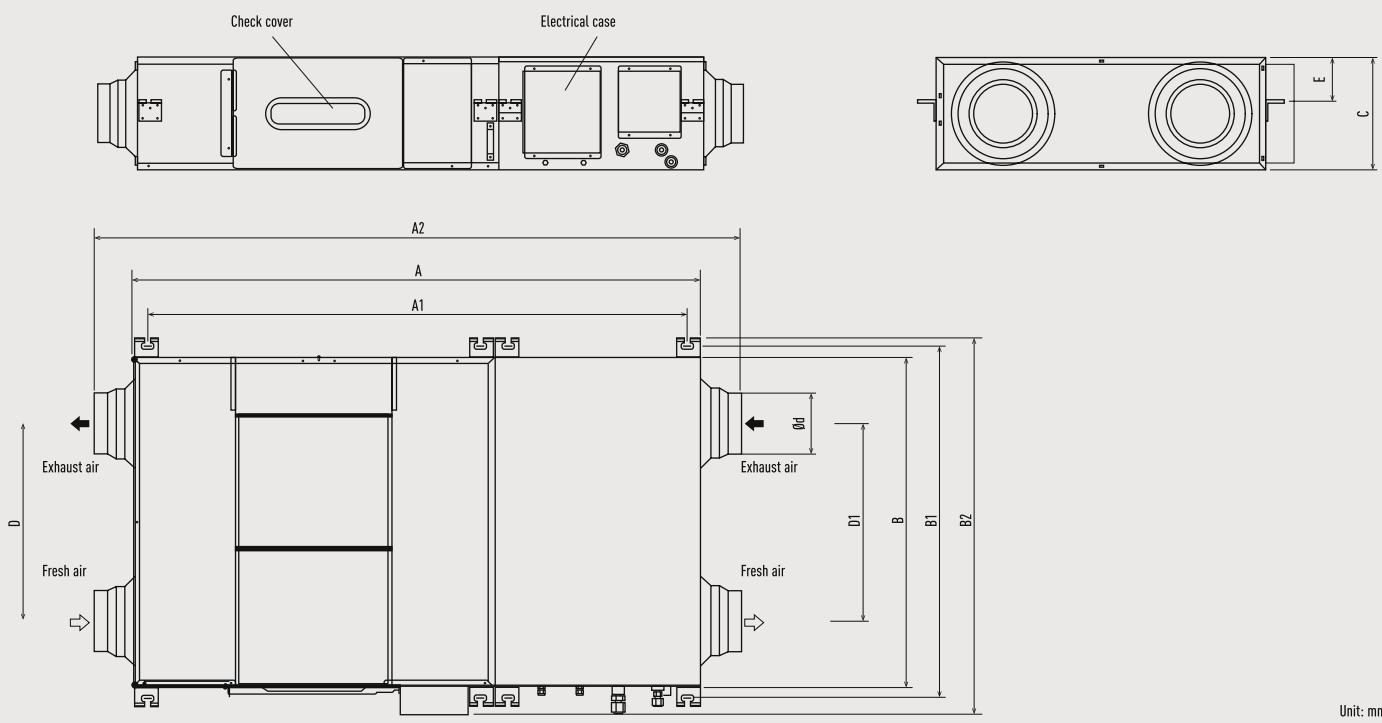


	FY-250ZDY8R	FY-350ZDY8R	FY-500ZDY8R	FY-800ZDY8R	FY-01KZDY8R
A	810	810	890	1250	1250
B	599	804	904	884	1134
C	315	480	500	428	678
D	142	162	202	228	228
E	600	600	600	600	600
F	655	860	960	940	1190
G	19	19	19	19	19
H	270	317	317	288	388
I	135	145	145	194	194
J	159	159	159	218	218
K	882	882	962	1322	1322
L	414	414	414	612	612
M	95	95	107	85	85
N	219	219	246	258	258
O	144	144	194	242	242

Unit: mm

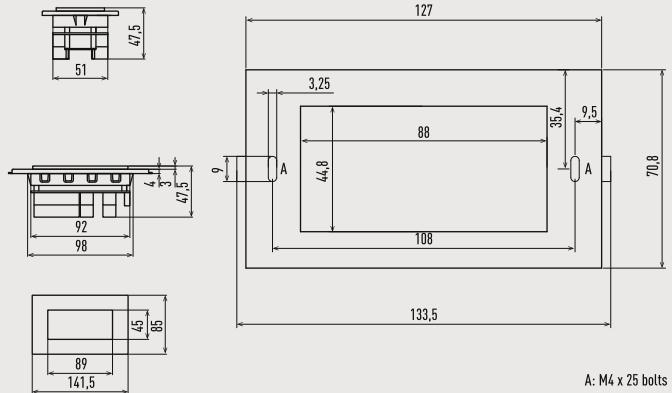
Heat Recovery with DX Coil

	A	A1	A2	B	B1	B2	C	D	D1	Ød	E	Net weight
PAW-500ZDX3N	1822	1752	1986	882	936	994	390	431	431	250	169	81
PAW-800ZDX3N	1822	1752	1986	1132	1186	1244	390	431	431	250	169	87
PAW-01KZDX3N	1822	1752	1986	1132	1186	1244	390	681	532	250	169	87



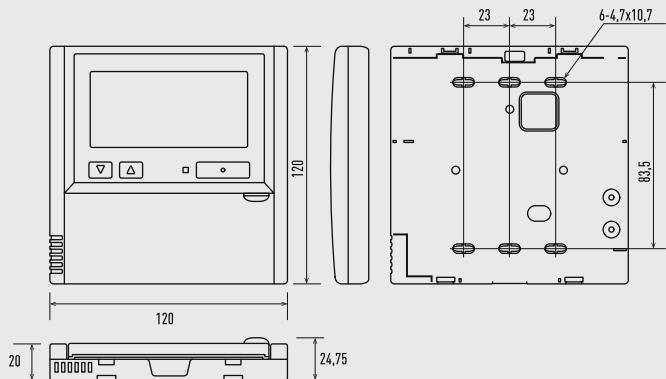
Unit: mm

PAW-RE2C3 Intelligent Controller

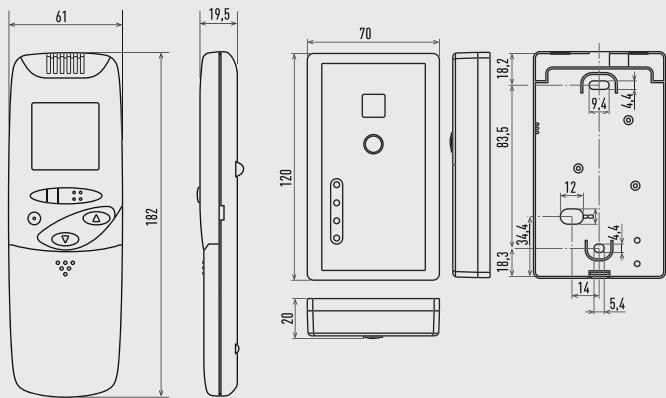


A: M4 x 25 bolts

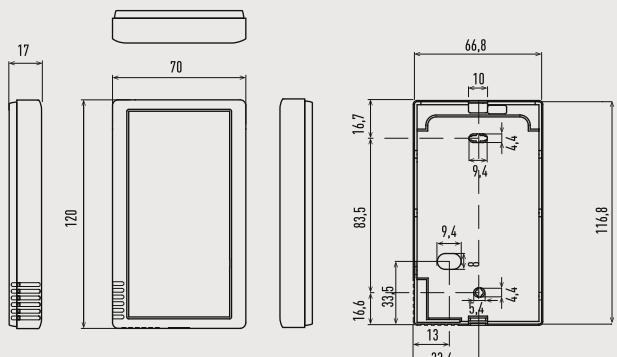
CZ-RTC4 Wired remote controller



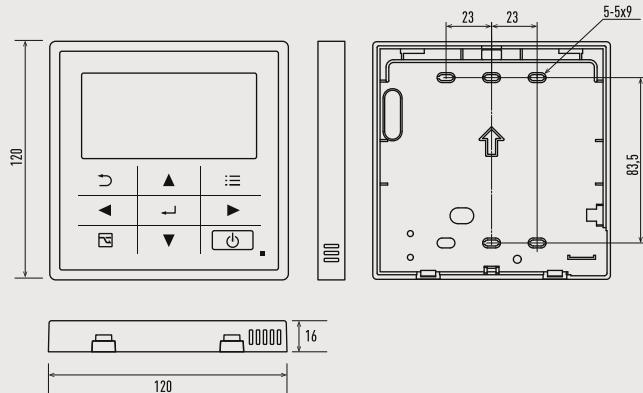
CZ-RWSC3 Wireless remote controller



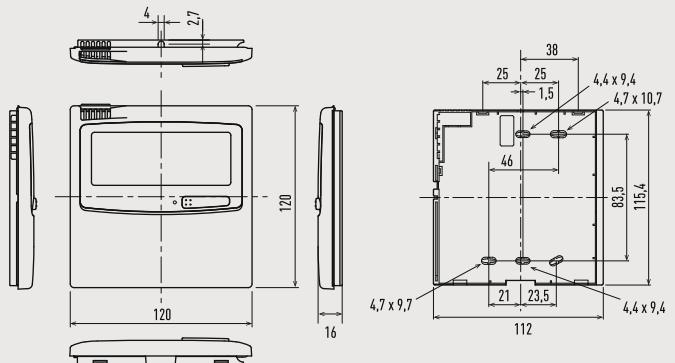
CZ-CSRC3 Remote sensor



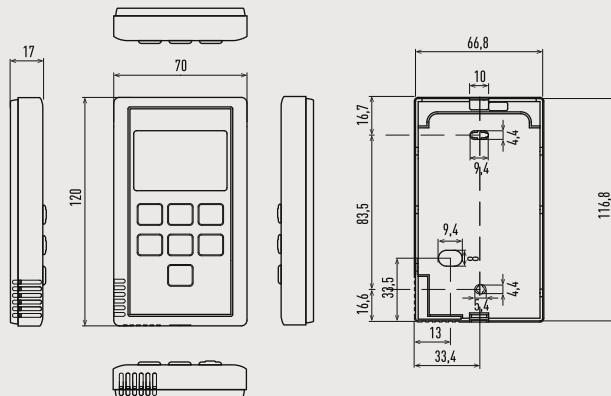
CZ-RTC5B Design wired remote controller



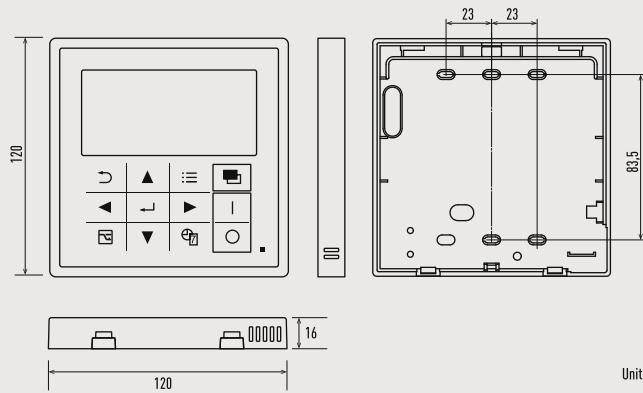
CZ-RTC2 Wired remote controller. Normal operation



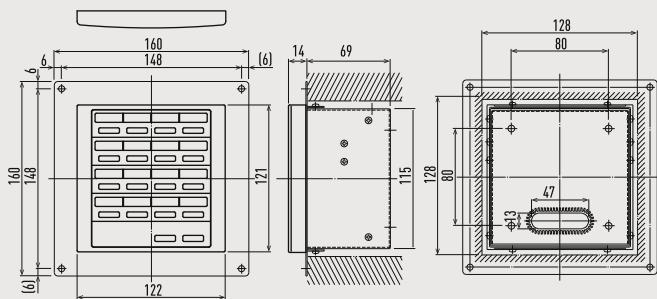
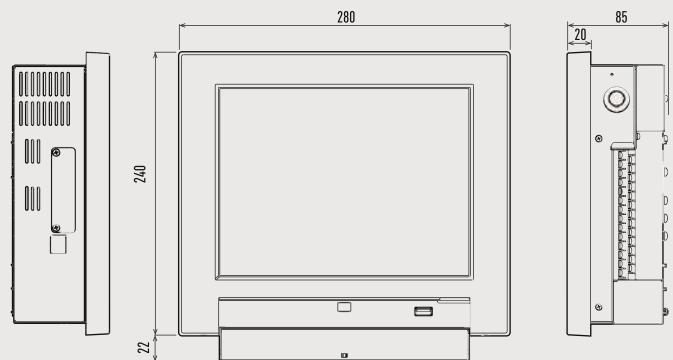
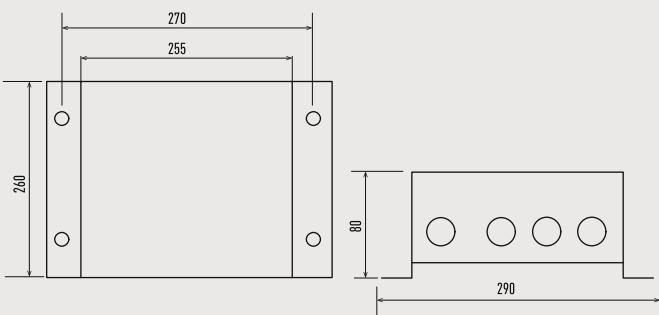
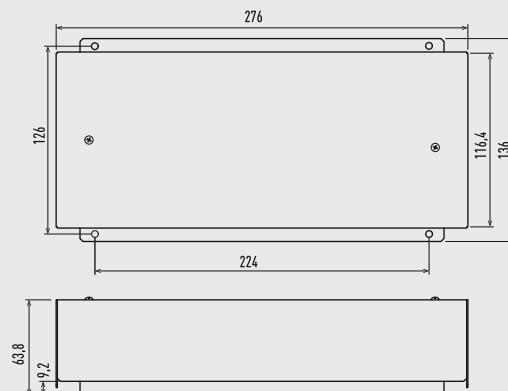
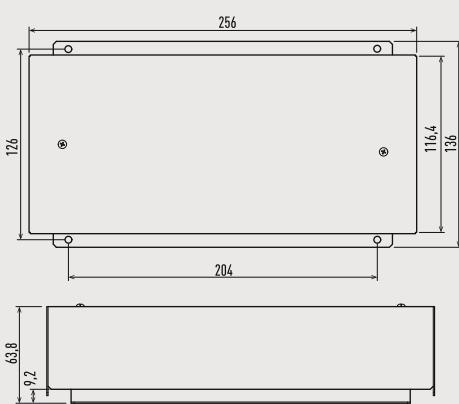
CZ-RE2C2 Simplified remote controller



CZ-64ESMC3 System Controller with Schedule timer



Unit: mm

CZ-ANC3 ON/OFF Controller**CZ-256ESMC3 Intelligent Controller (Touch screen panel)****CZ-CAPDC2 Seri-Para I/O unit for outdoor unit****CZ-CAPC3 Local adaptor for ON/OFF control****CZ-CAPBC2 Mini Seri-Para I/O Unit 0 -10V****CZ-CFUNC2 Communication Adaptor**