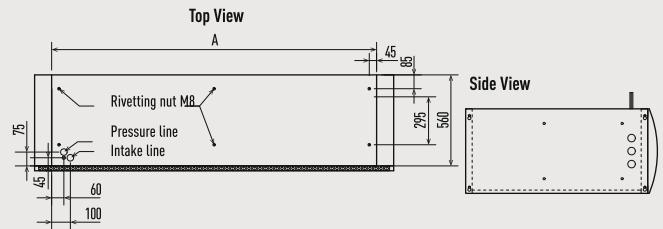


AFMETINGEN

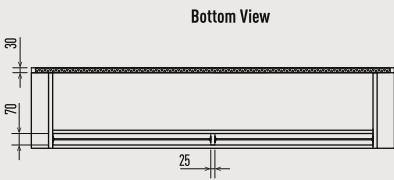
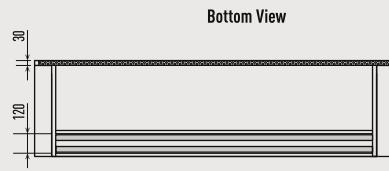
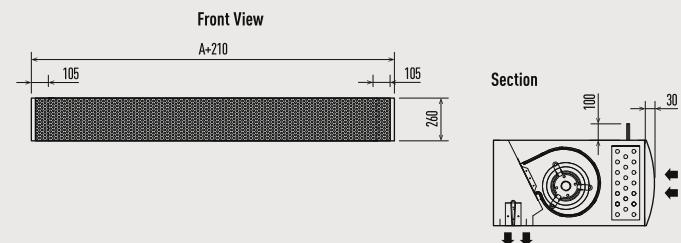
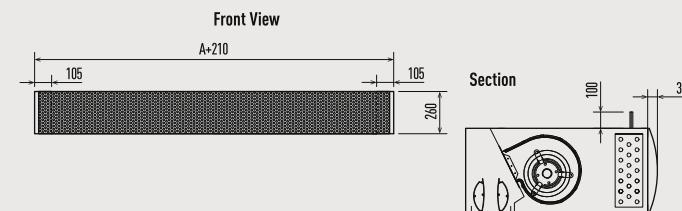
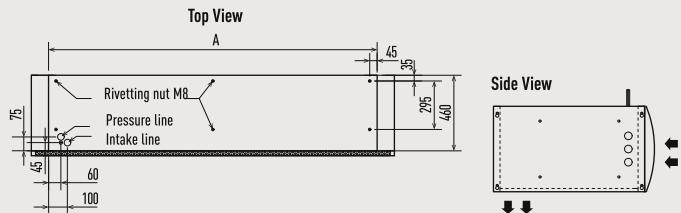


Air Curtain with DX Coil

Jet-flow dimensions



Standard dimensions

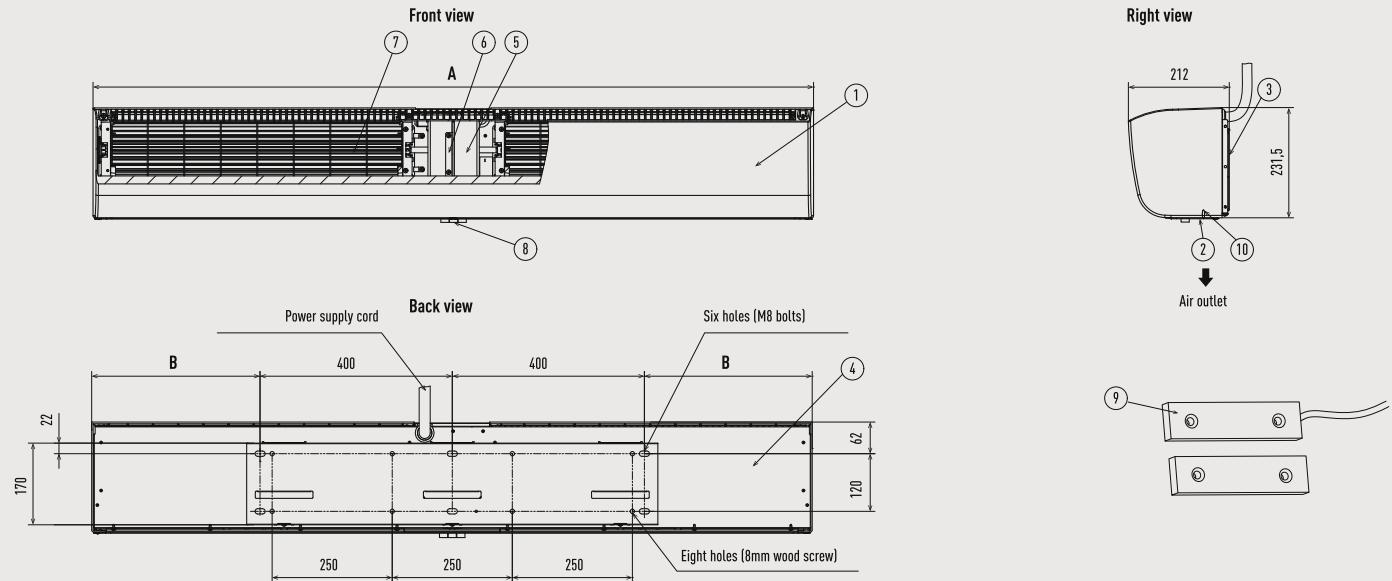


| | PAW-10PAIRC-MJ | PAW-15PAIRC-MJ | PAW-20PAIRC-MJ |
|---|----------------|----------------|----------------|
| A | 1000 | 1500 | 2000 |

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

Unit: mm

Electric Air Curtain

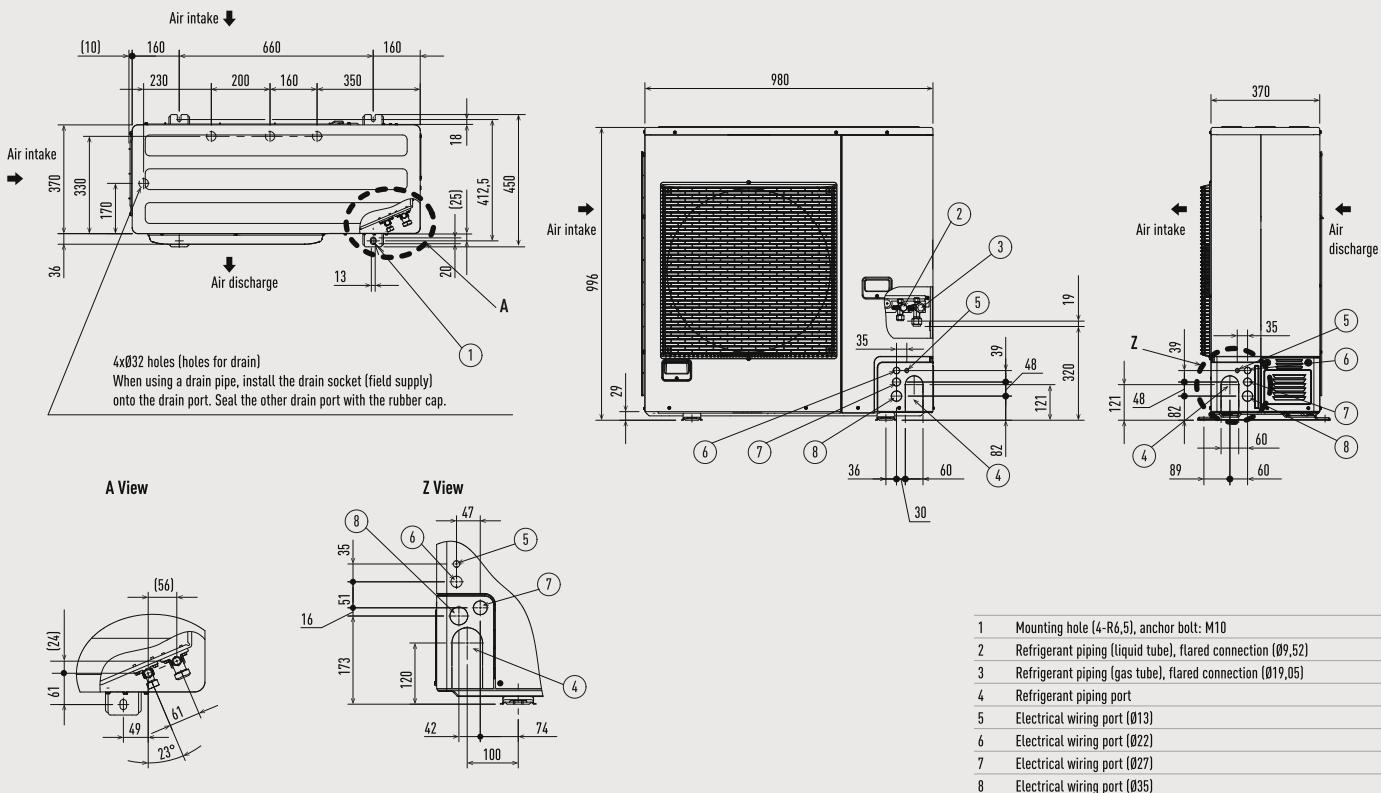


| | |
|----|----------------------|
| 1 | Front panel |
| 2 | Air outlet |
| 3 | Mounting plate |
| 4 | Back panel |
| 5 | Motor |
| 6 | Motor support |
| 7 | Cross-flow impeller |
| 8 | Push-button switch |
| 9 | Gate magnetic switch |
| 10 | Guide plate |

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

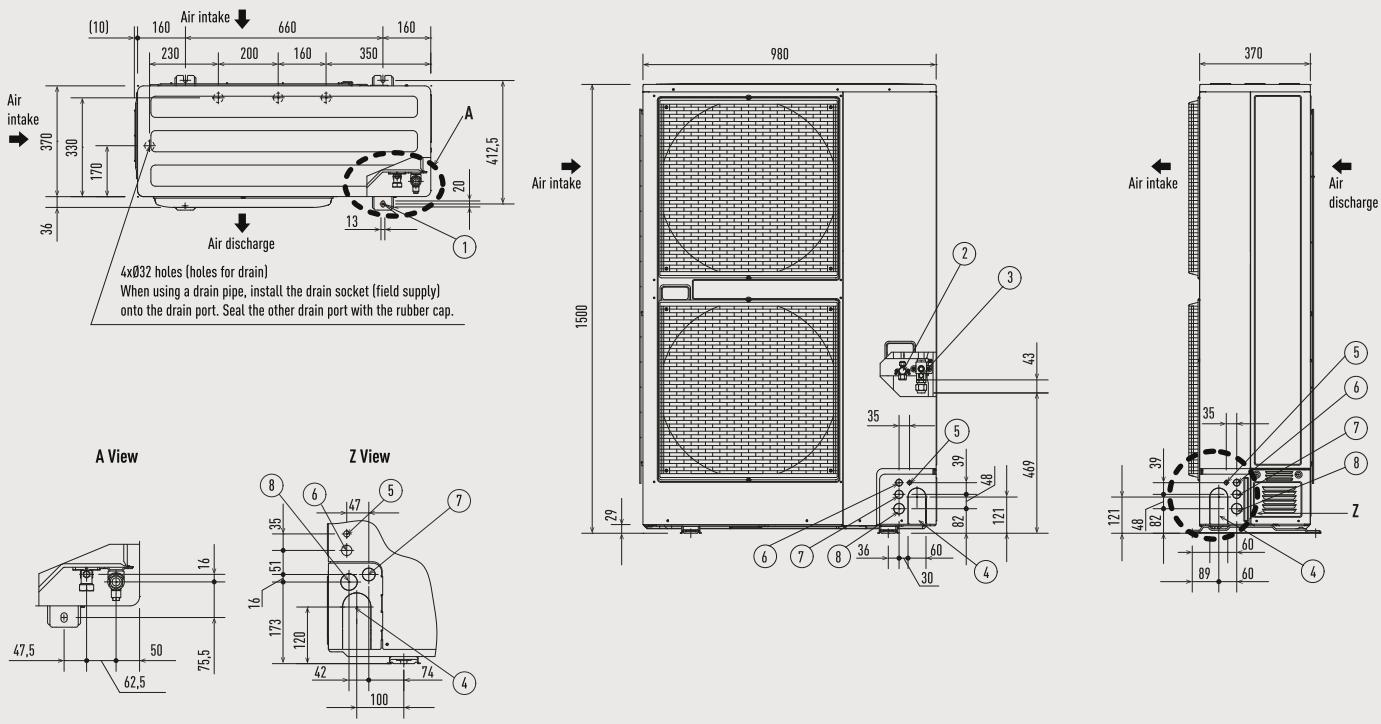
Unit: mm

Mini ECOi LE2 Series High Efficiency 4 to 6HP



Unit: mm

Mini ECOi LE1 Series High Efficiency 8 and 10HP



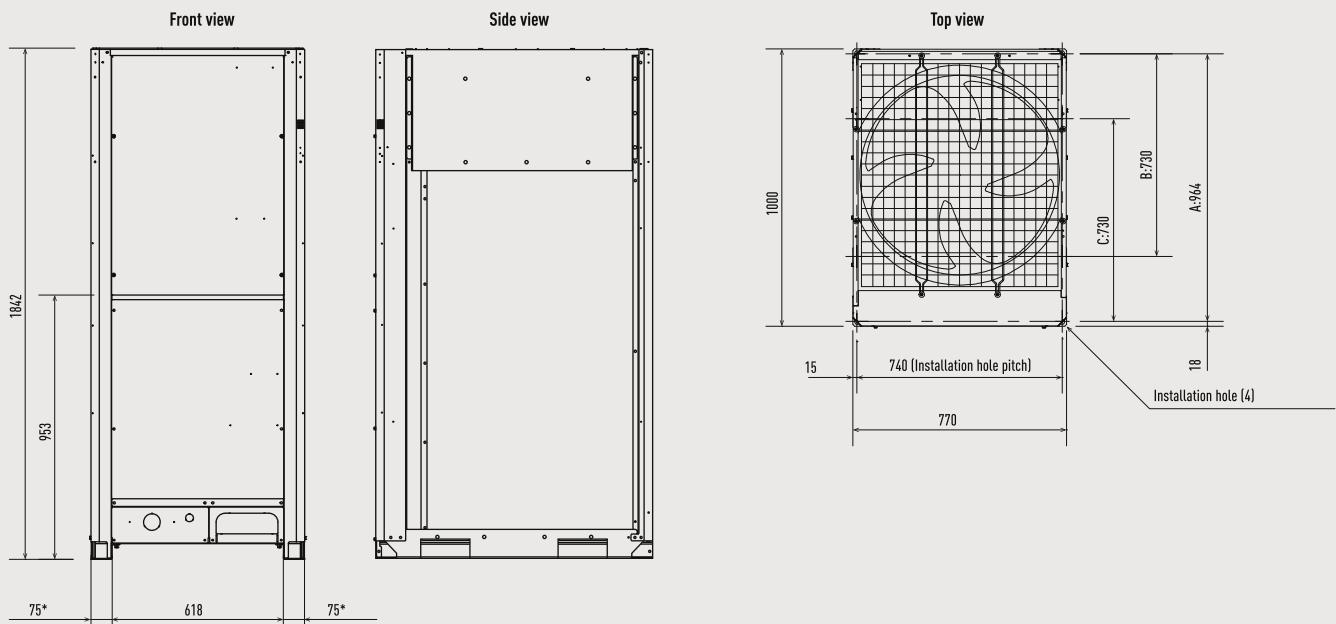
The piping of the gas main has a diameter of Ø22.22, but the connection to the service valve of the outdoor unit has a diameter of Ø19.05, so a flare has to be used. Consequently, be sure to use the enclosed joint tube B and joint tube A in making connections (brazed).

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



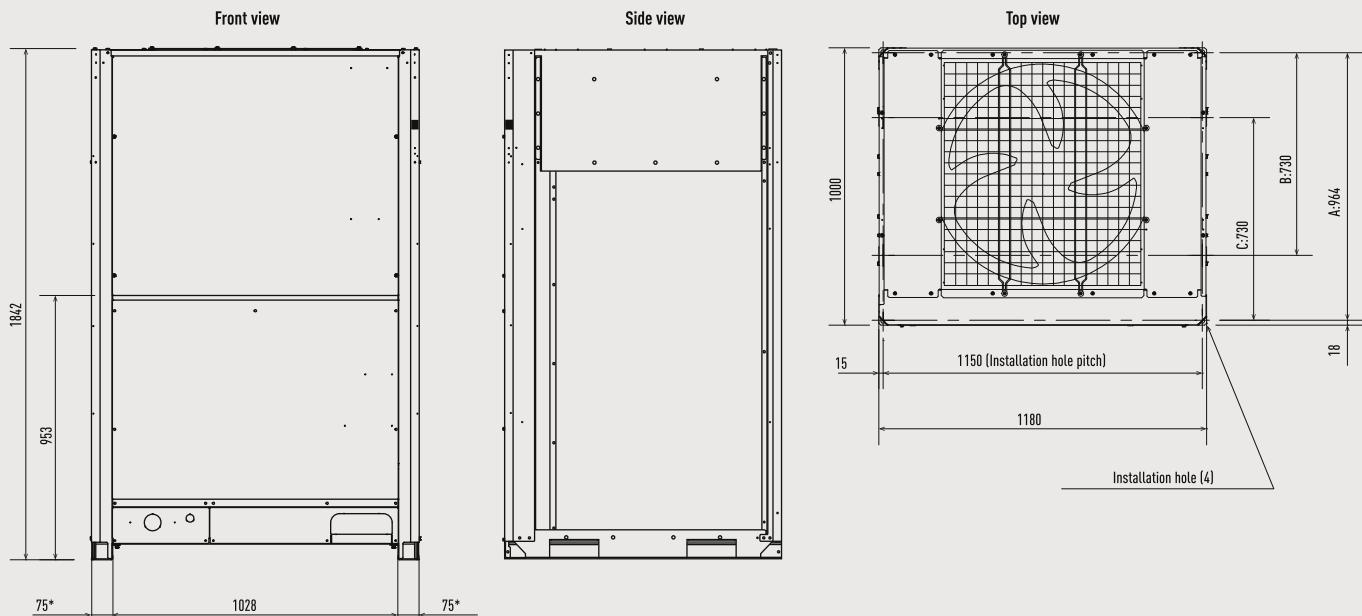
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from A, B or C.

- 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



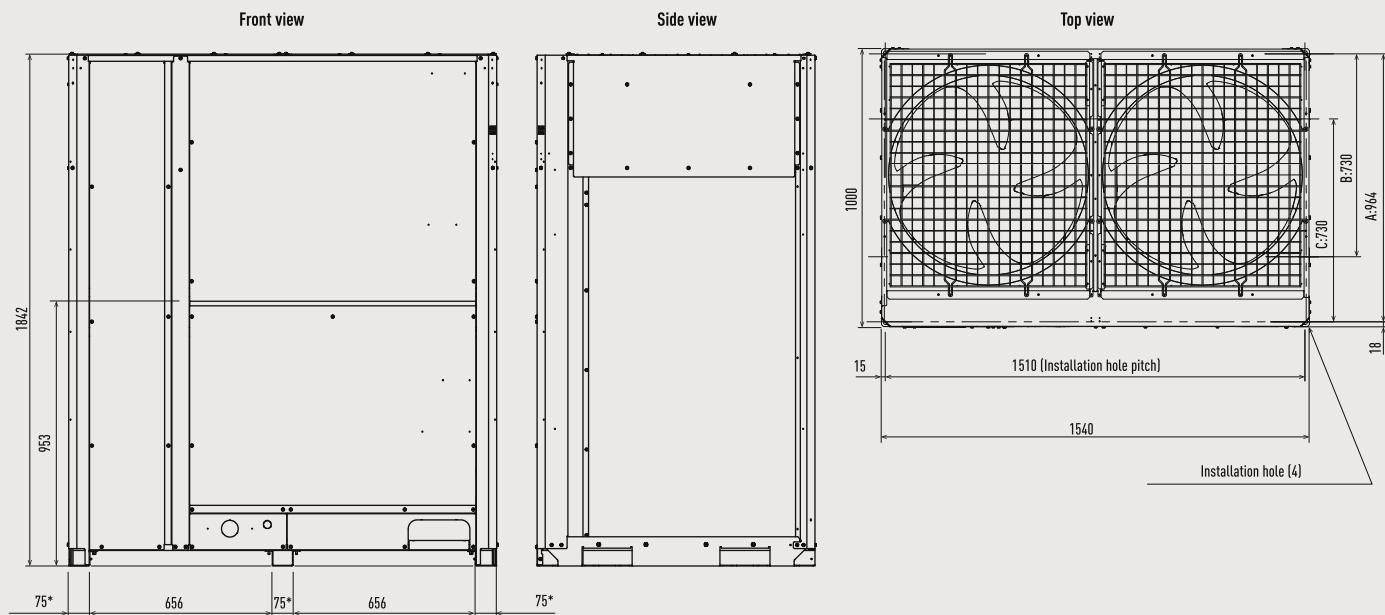
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from A, B or C.

- 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



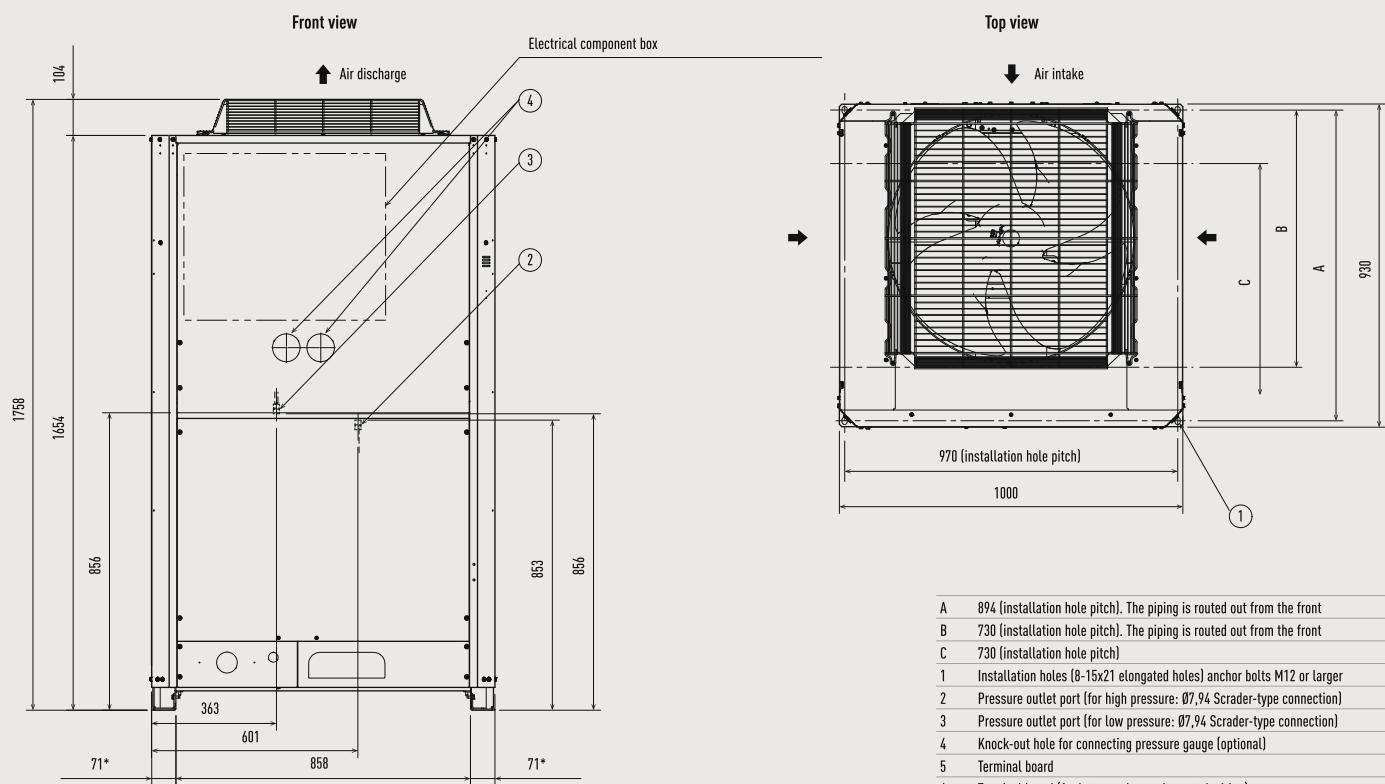
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from A, B or C.

- 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) |

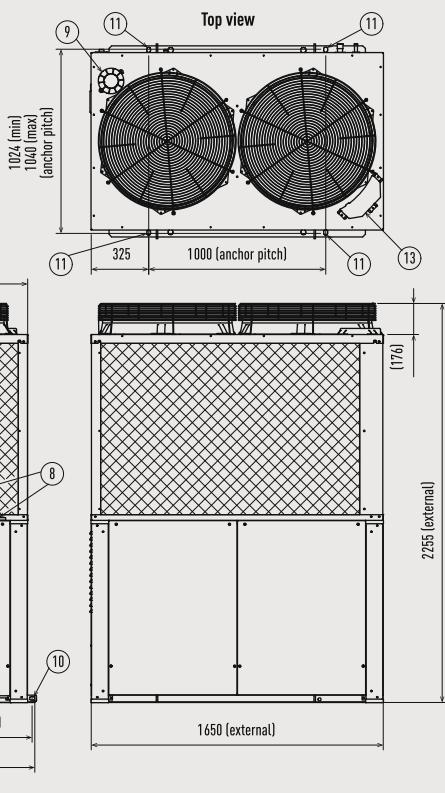
* Installation fixing bracket, installation side.

Unit: mm

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 |



Right side view

Rear view

Left side view

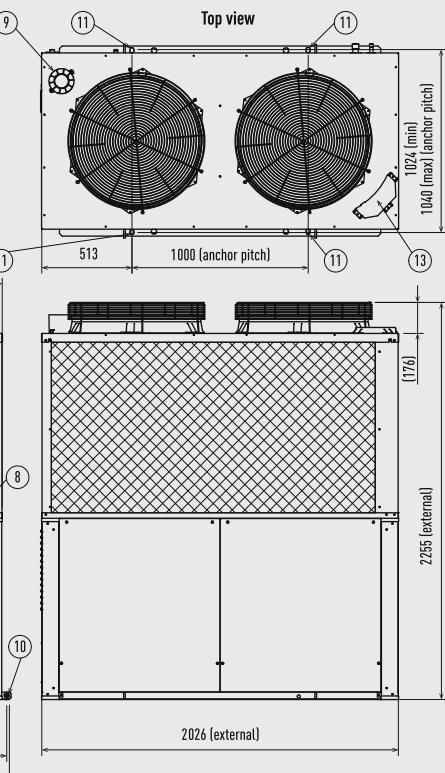
Front view

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 |



Right side view

Rear view

Left side view

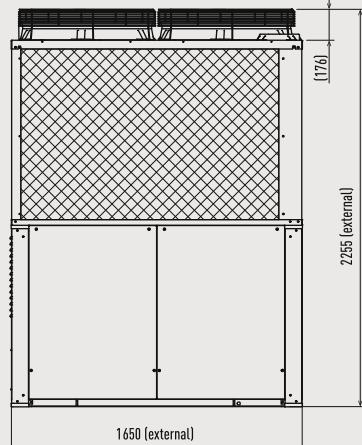
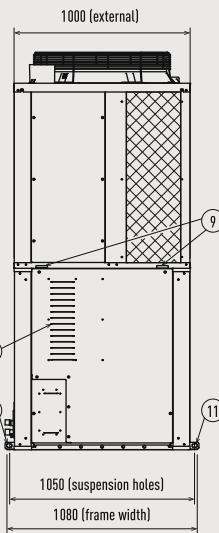
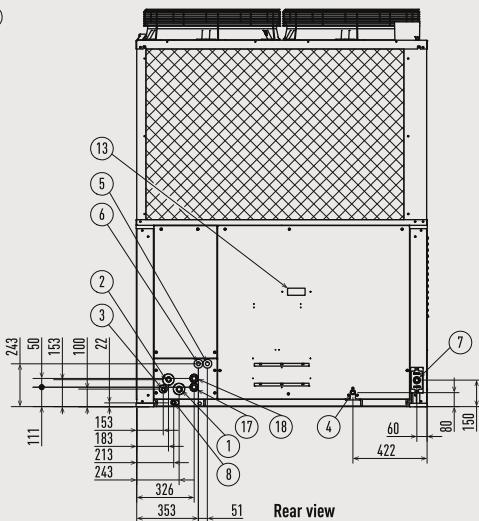
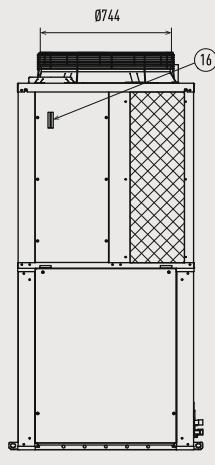
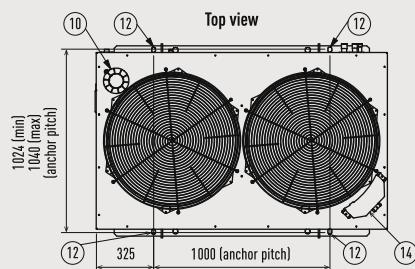
Front view

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 |

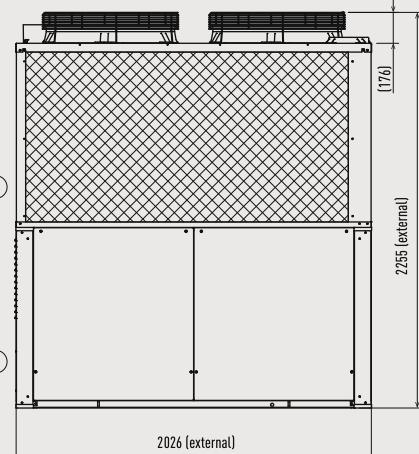
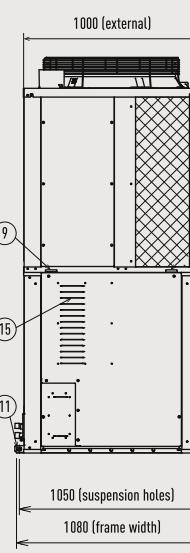
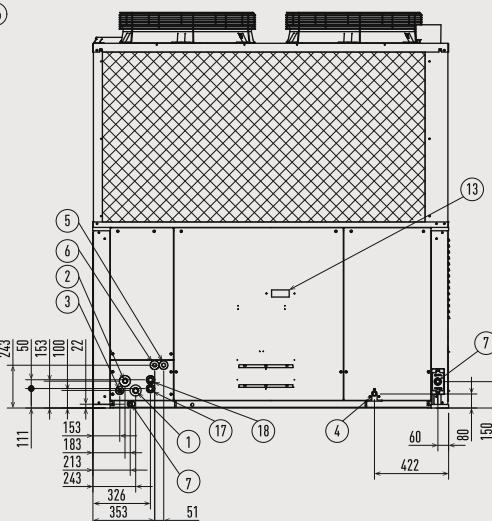
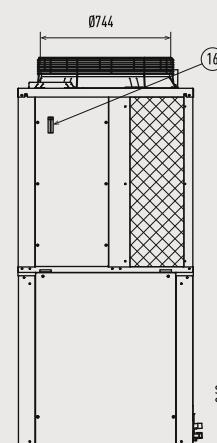
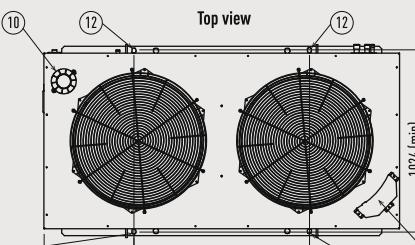


Unit: mm

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 | |

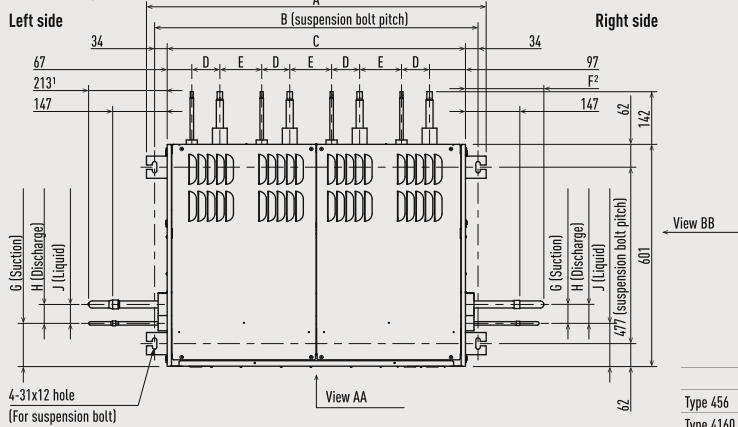
| | |
|------------------------------|-------|
| 10 Engine exhaust outlet | |
| 11 Suspension holes 4-Ø20x30 | |
| 12 Anchor holes 4-22x30 | |
| 13 Segmented display | |
| 14 Coolant intake (top) | |
| 15 Air intake | |
| 16 Coolant level | |
| 17 Hot water inlet | Rp3/4 |
| 18 Hot water outlet | Rp3/4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



Unit: mm

3-Pipe Control Box Kit / Multiple connection type

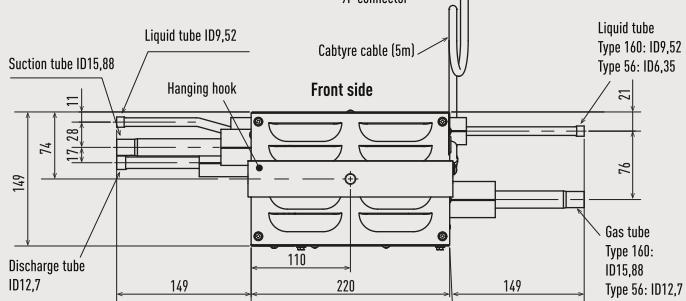
Heat Recovery Box Dimensions



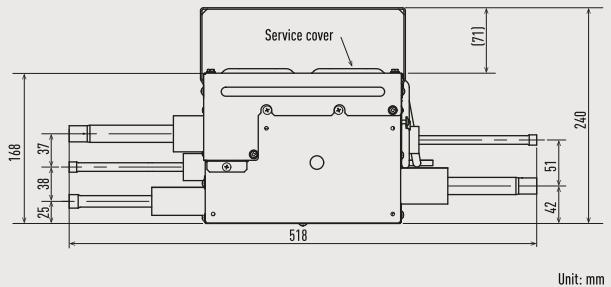
1) In case of right side connection.

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

Valve Dimensions

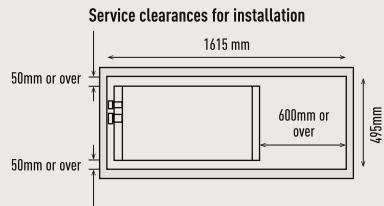
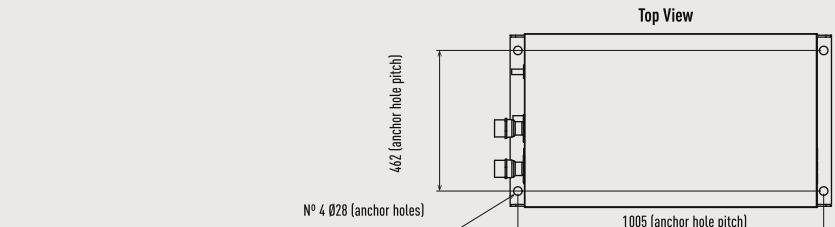


| | A | B | C | D | E | F | G | H | J | K | L | M | N | P |
|-----------|------|------|------|----|-----|-----|----|----|-----|--------|--------|--------|-------|--------|
| Type 456 | 919 | 874 | 807 | 67 | 113 | 213 | 51 | 51 | 117 | 019,05 | 015,88 | 09,52 | 06,35 | 012,7 |
| Type 4160 | 919 | 874 | 807 | 67 | 113 | 207 | 55 | 54 | 113 | 09,52 | 015,88 | 028,58 | 05,40 | 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 |

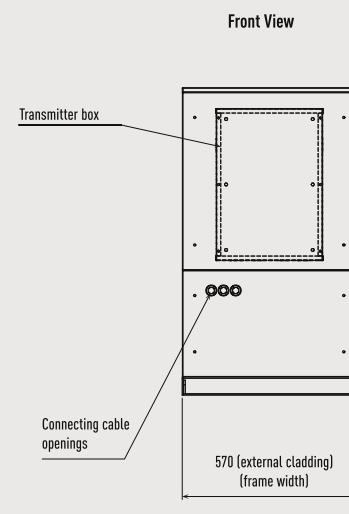
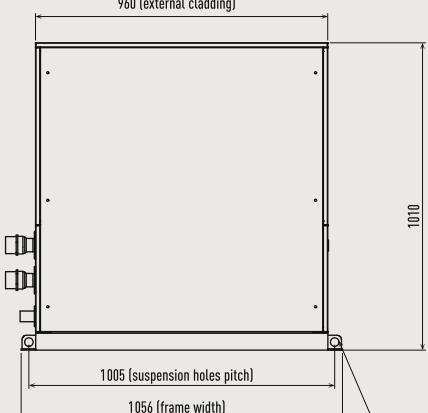
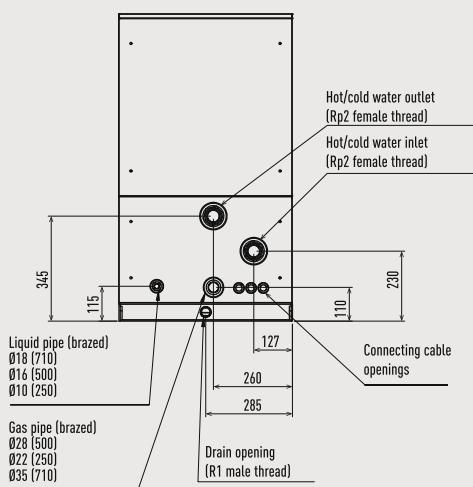


Unit: mm

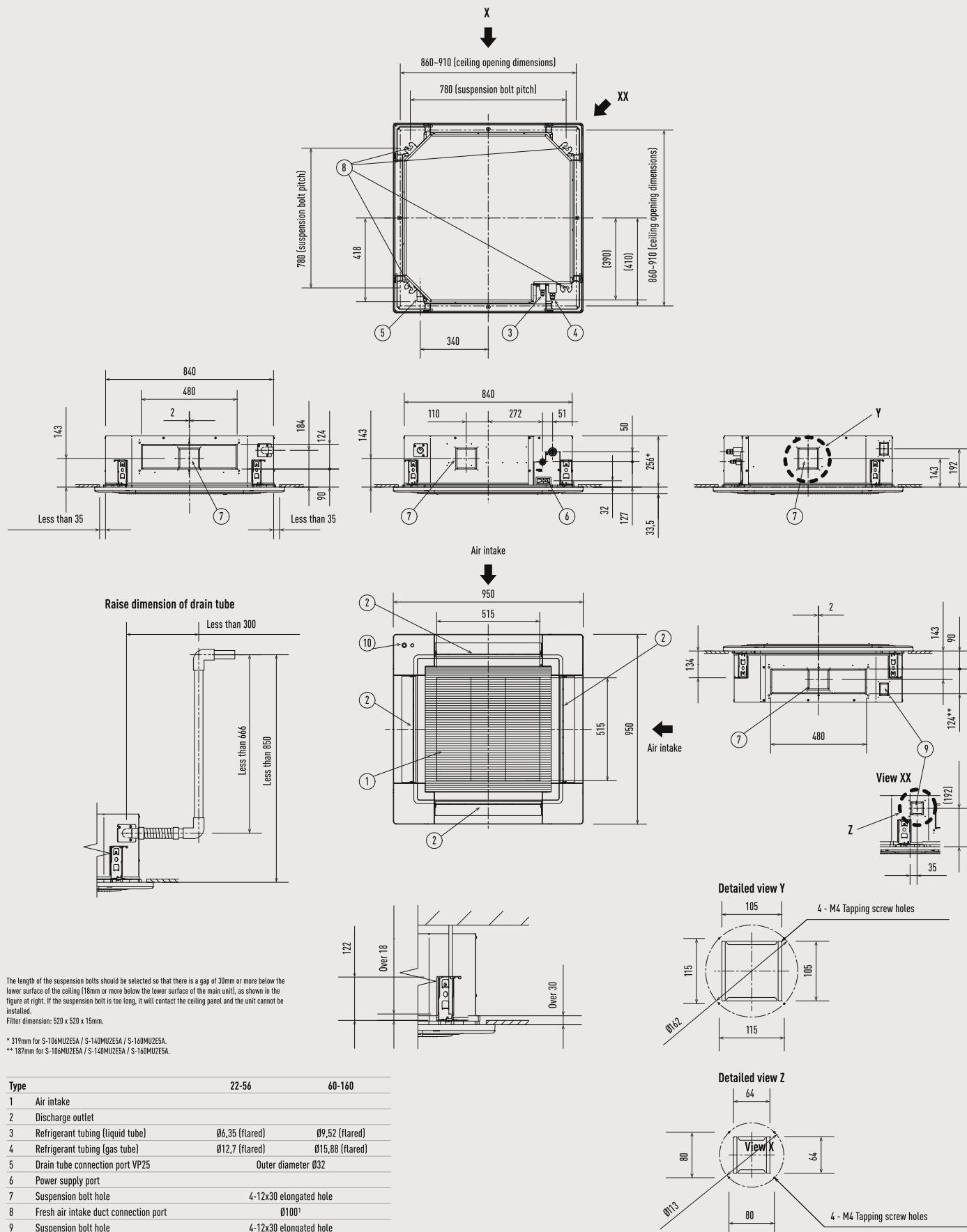
Water Heat Exchanger for chilled and hot water production



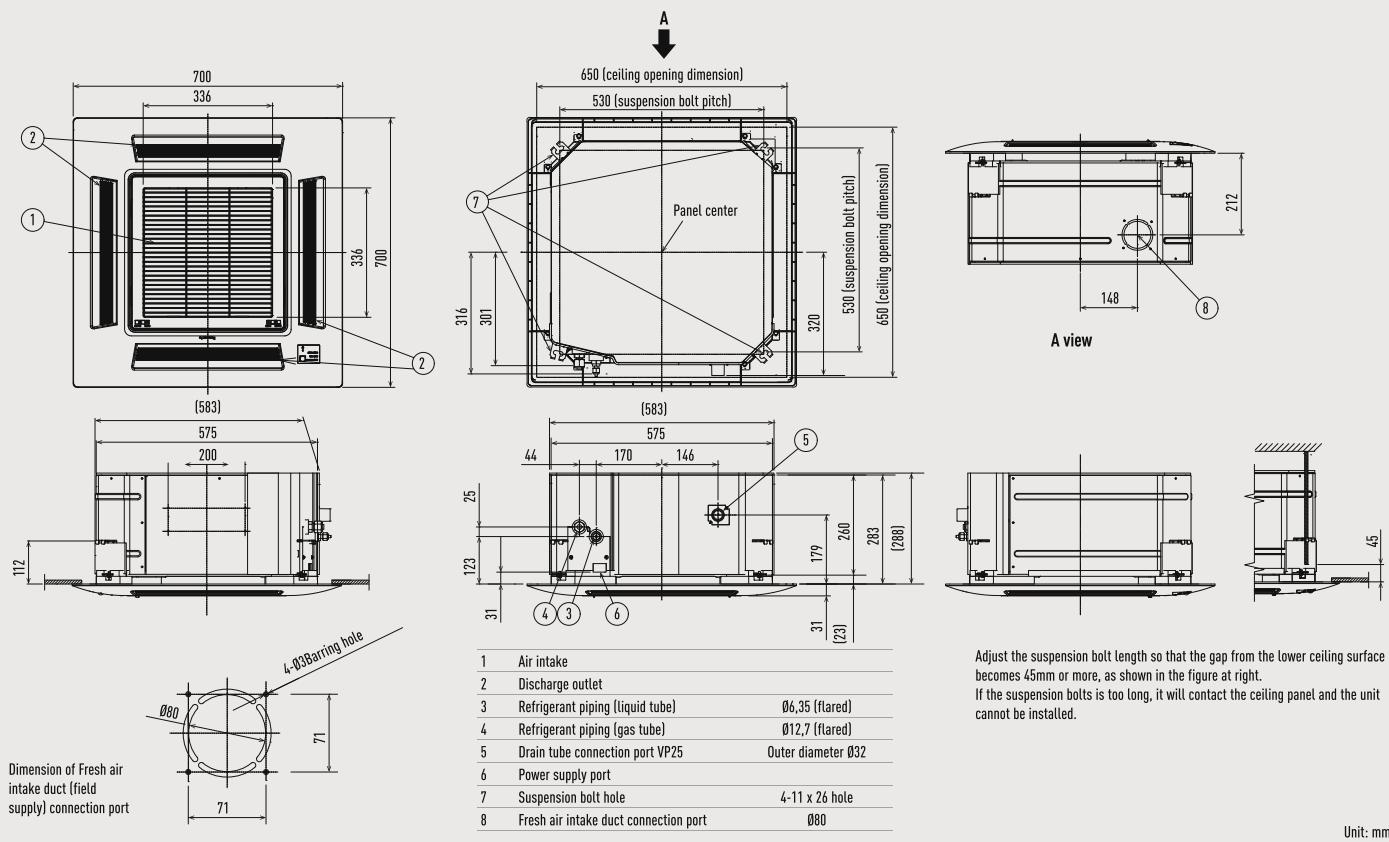
Rear View



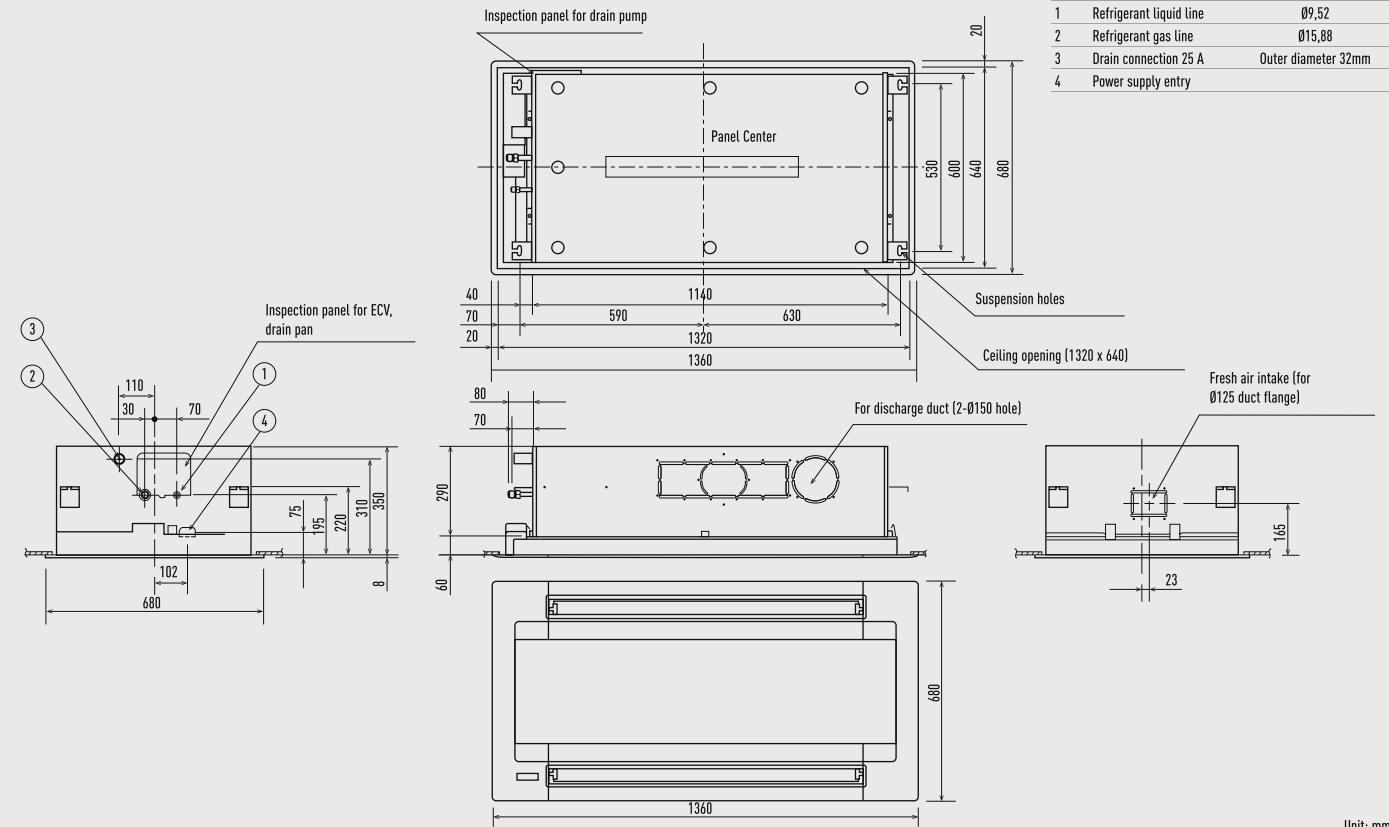
U2 Type 4 Way 90x90 Cassette



Y2 Type 4 Way 60x60 Cassette

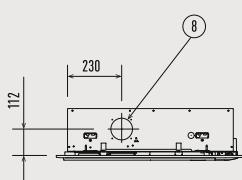


L1 Type 2 Way Cassette

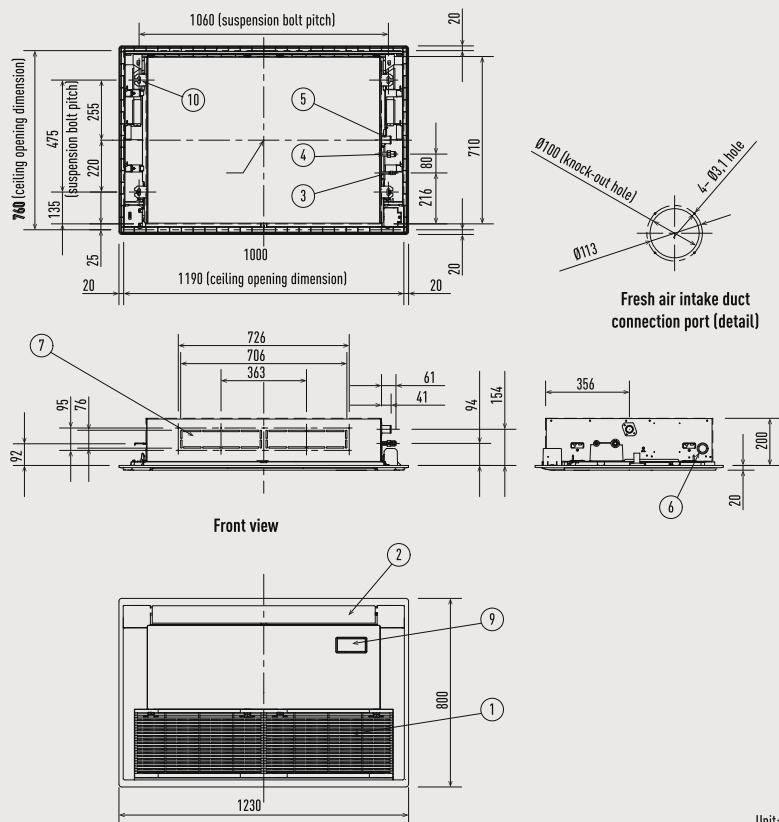


D1 Type 1 Way Cassette

| | 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 | |

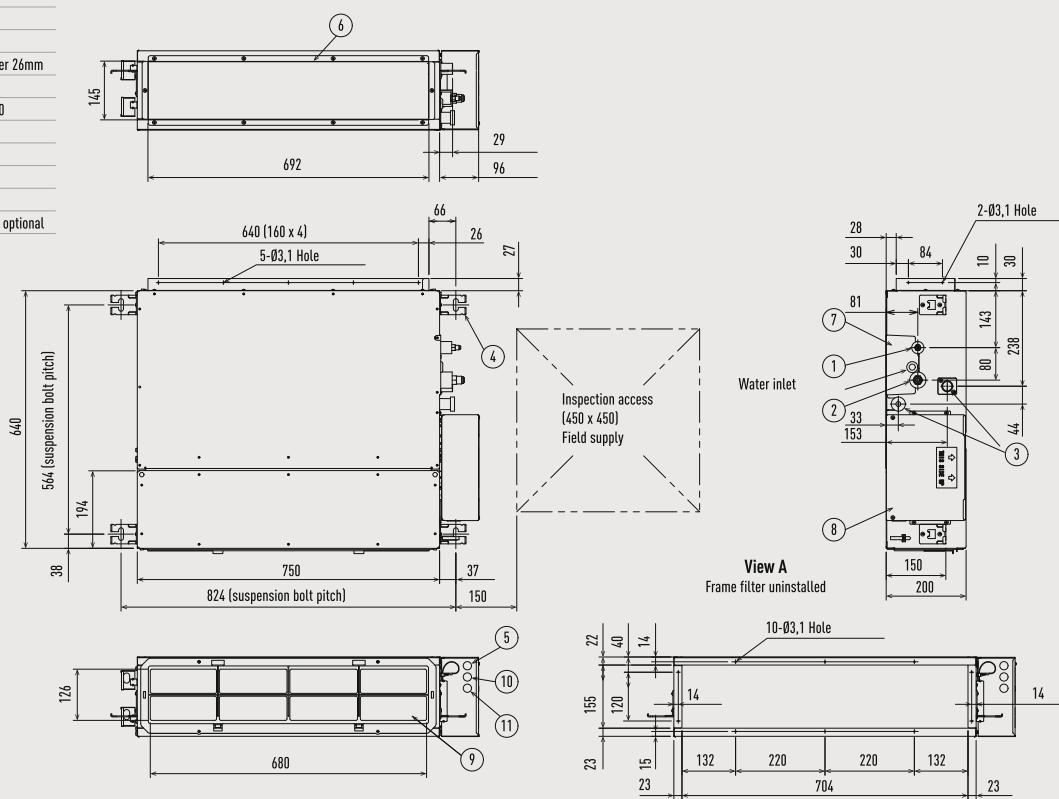


Required space for installation



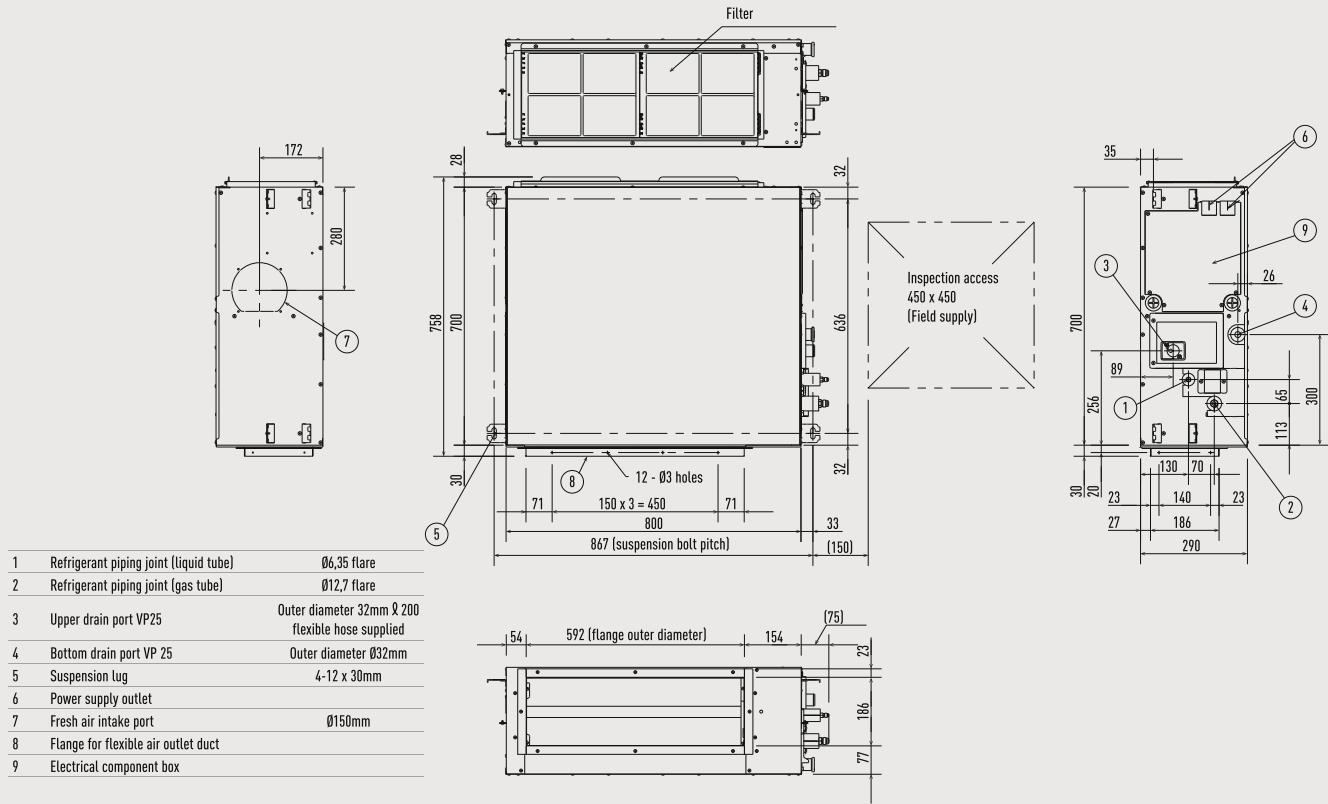
M1 Type Slim Variable Static Pressure Hide Away

| | |
|--|----------------------|
| 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 |

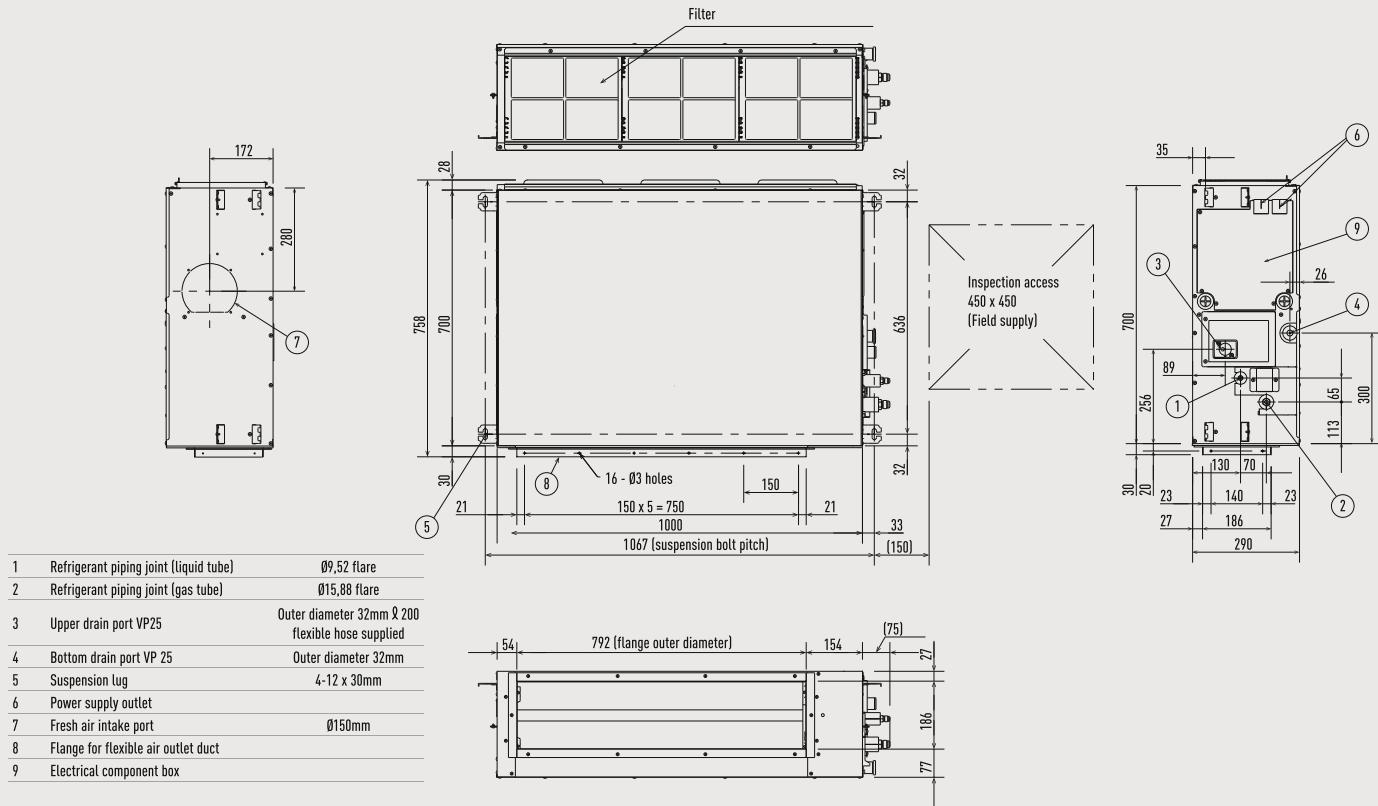


F2 Type Variable Static Pressure Hide Away

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

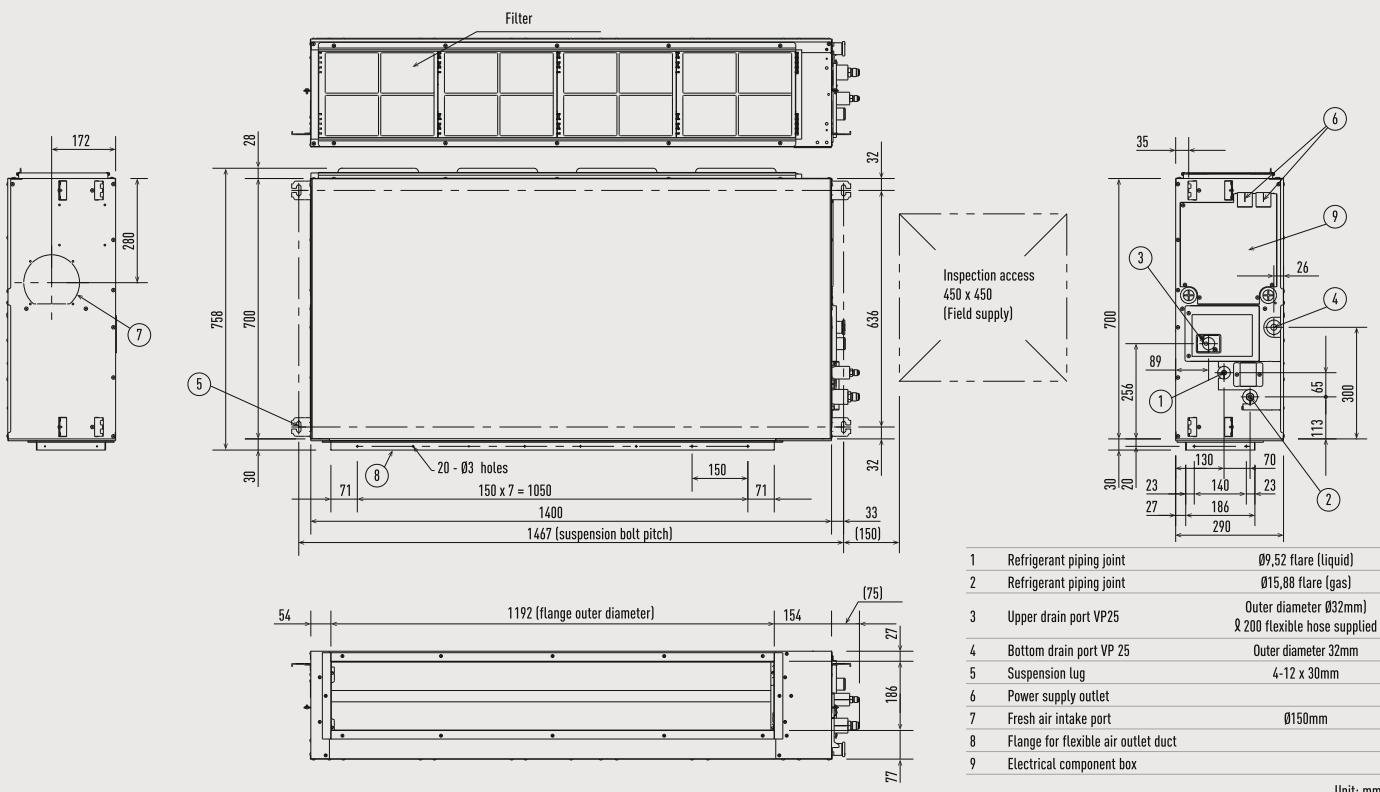


S-60MF2E5A // S-73MF2E5A // S-90MF2E5A

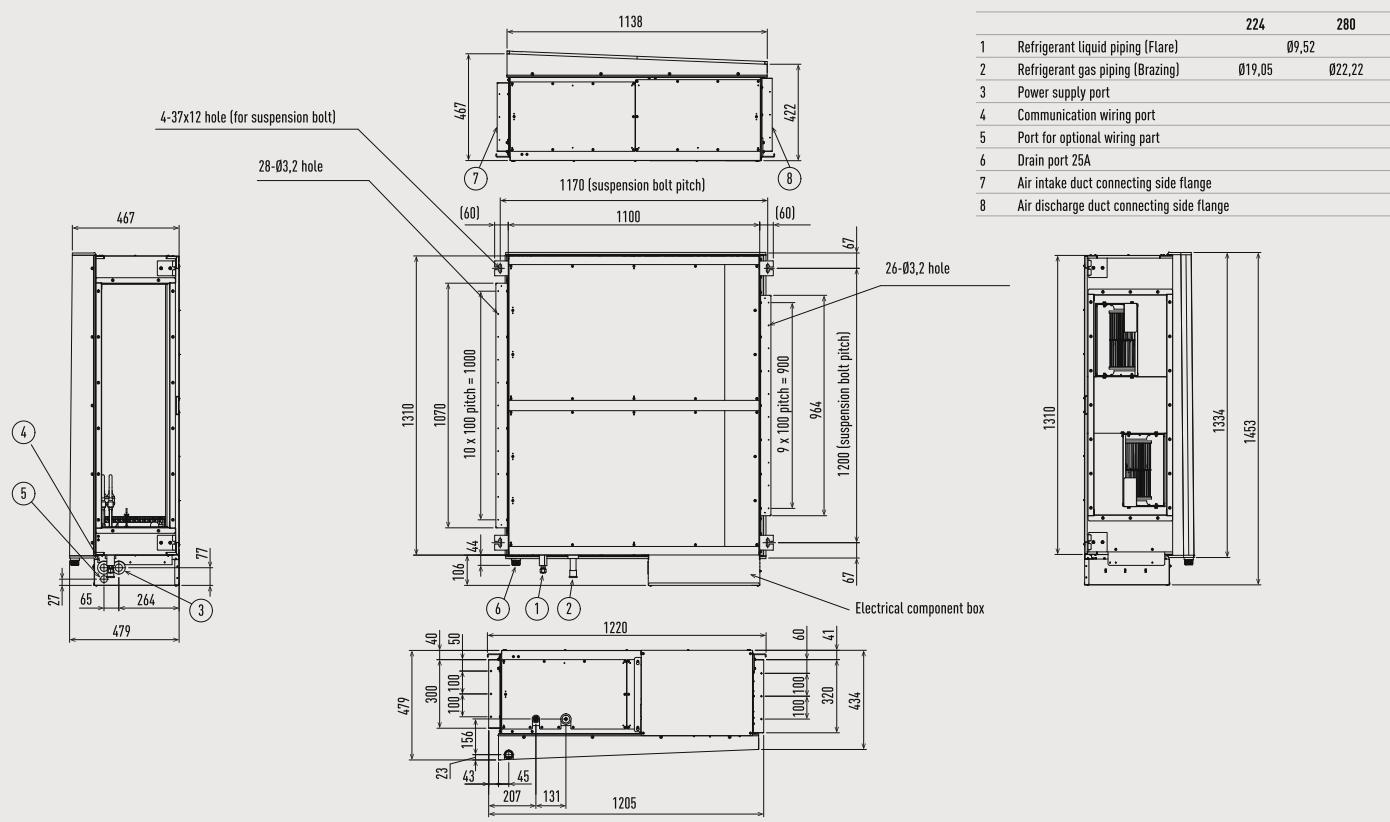


F2 Type Variable Static Pressure Hide Away

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

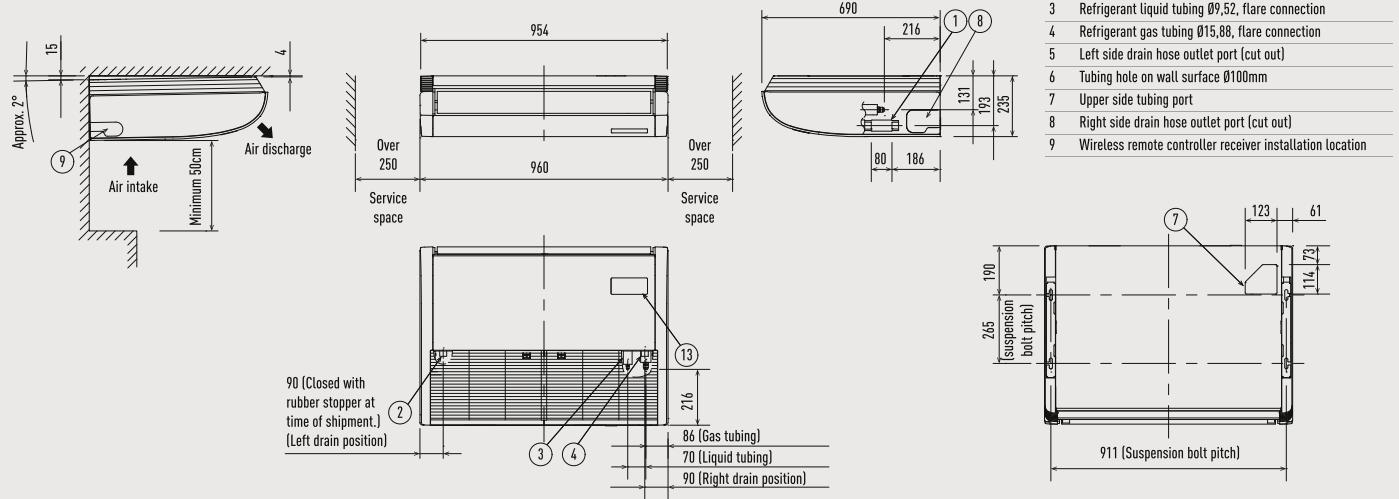


E2 Type High Static Pressure Hide Away

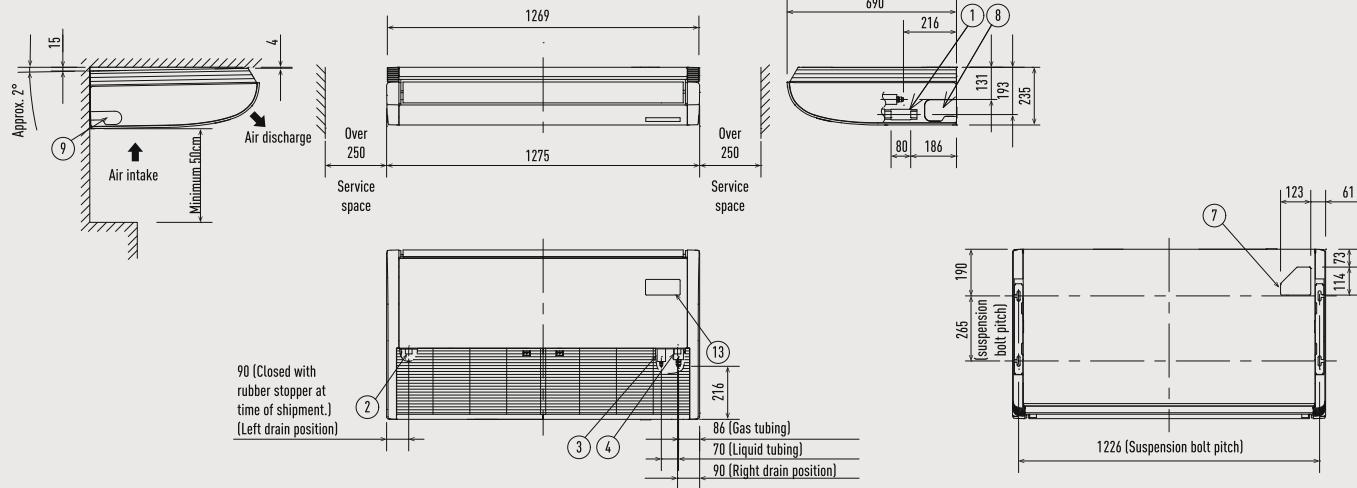


T2 Type Ceiling

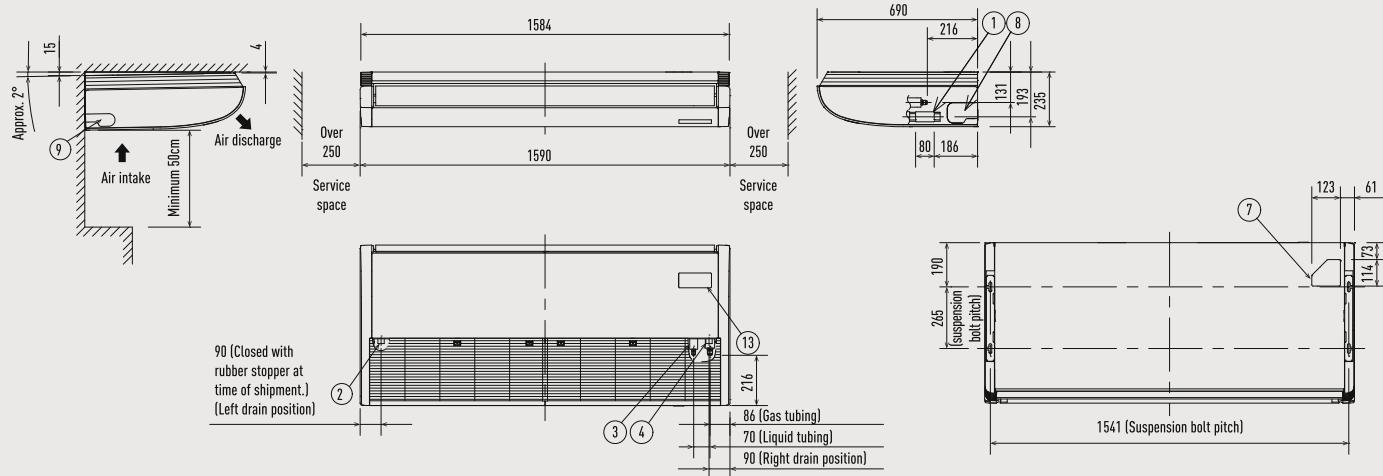
S-36MT2E5A // S-45MT2E5A // S-56MT2E5A



S-73MT2E5A



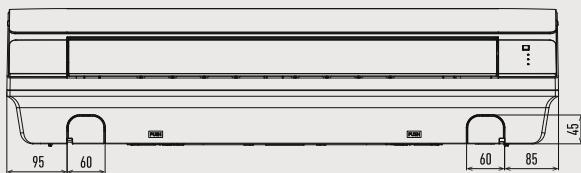
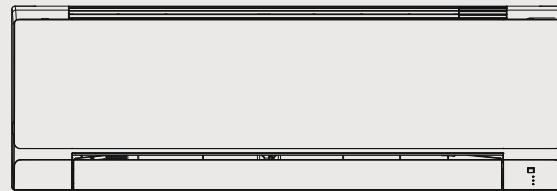
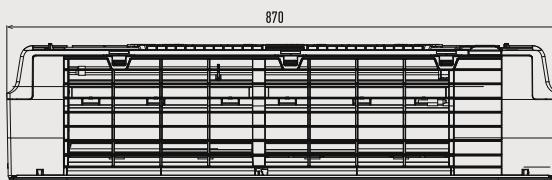
S-106MT2E5A // S-140MT2E5A



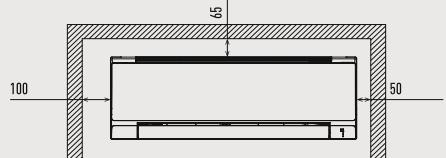
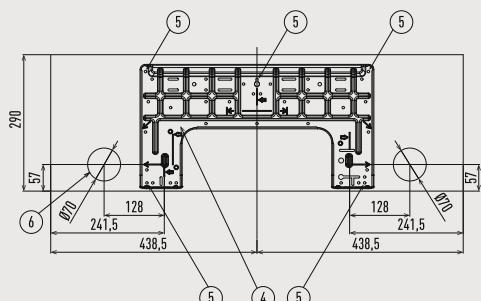
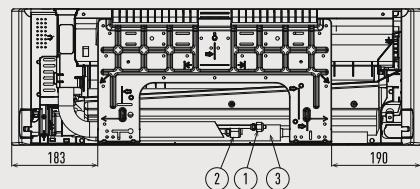
Unit: mm

K2 Type Wall Mounted

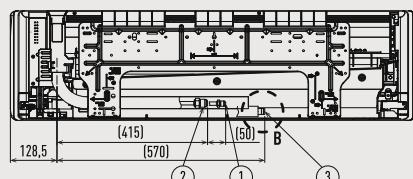
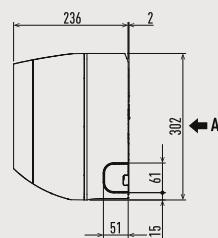
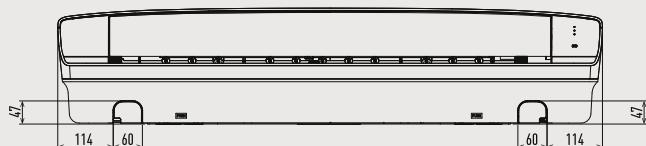
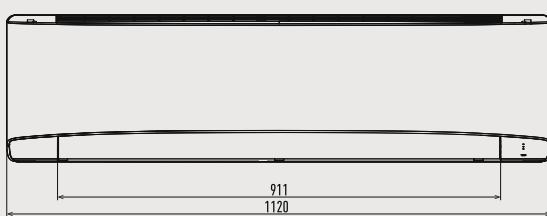
S-15MK2E5A / S-22MK2E5A / S-28MK2E5A / S-36MK2E5A



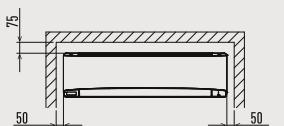
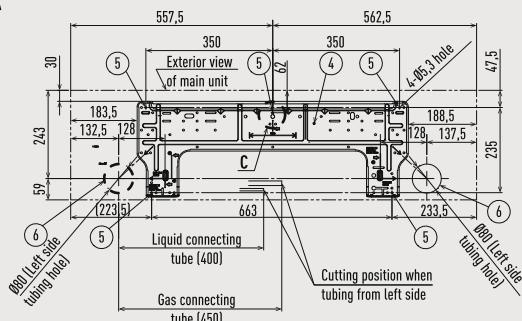
| | | |
|---|----------------------------------|-----------------------------|
| 1 | Refrigerant piping (liquid tube) | $\varnothing 6,35$ (flared) |
| 2 | Drain hose | Outer diameter 16mm |
| 3 | Rear panel | PL Back |
| 4 | Refrigerant piping (gas tube) | $\varnothing 12,7$ (flared) |
| 5 | Rear panel fixing holes | |
| 6 | Piping and wiring holes | $\varnothing 70$ |



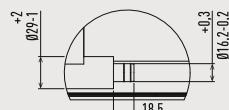
S-45MK2E5A // S-56MK2E5A // S-73MK2E5A // S-106MK2E5A



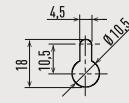
View A



Minimum space requirements for installation



Detailed view B



Detailed view C

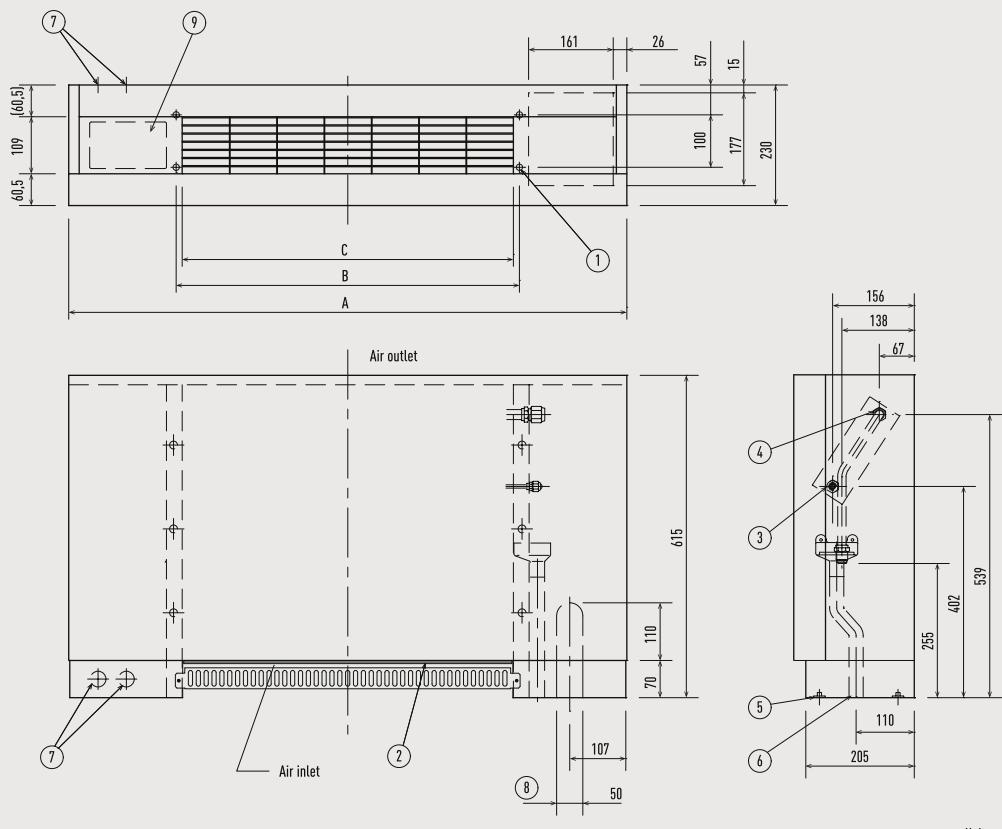
| Type | 45-56 | 73-106 |
|------|--|-----------------------------|
| 1 | Refrigerant tubing (liquid tube) | $\varnothing 6,35$ (flared) |
| 2 | Refrigerant tubing (gas tube) | $\varnothing 12,7$ (flared) |
| 3 | Drain hose | |
| 4 | Rear panel | |
| 5 | Rear panel fixing holes ($\varnothing 3,3$ holes or as shown in figure "C") | |
| 6 | Tubing and wiring holes ($\varnothing 80$) | |

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 |

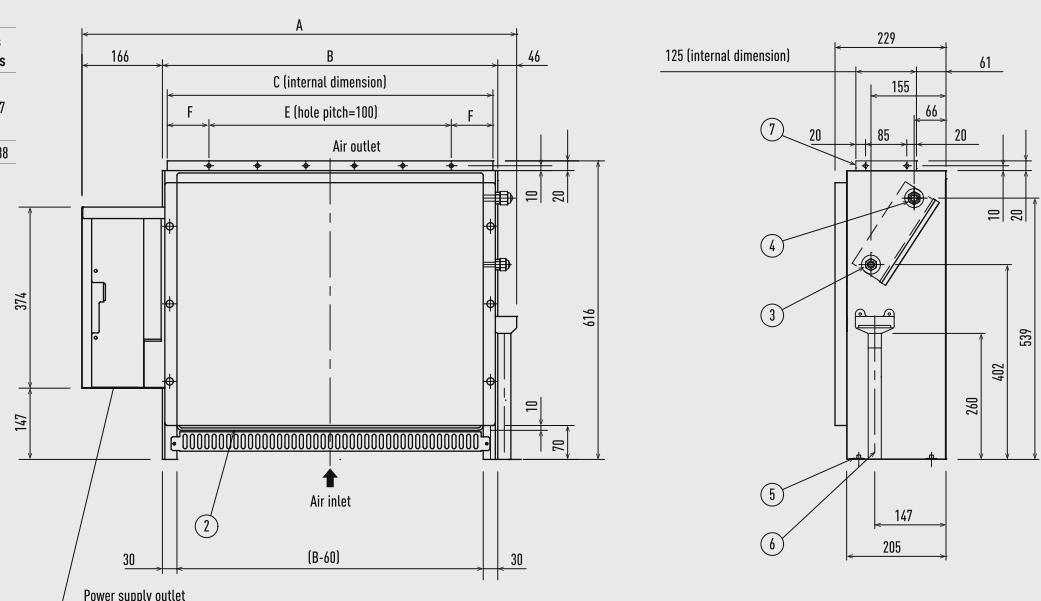


Unit: mm

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

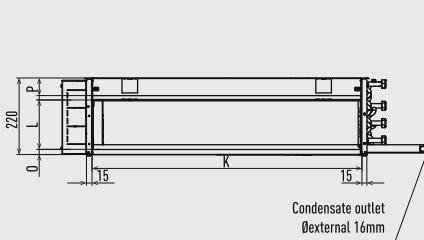
| | A | B | C | D | E | F | Liquid pipes | Gas pipes |
|-------|------|------|------|-----|-----|----|--------------|-----------|
| 22-36 | 904 | 692 | 672 | 665 | 500 | 86 | | |
| 45 | | | | | | | Ø6,35 | Ø12,7 |
| 56 | 1219 | 1007 | 1002 | 980 | 900 | 51 | | |
| 71 | | | | | | | Ø9,52 | Ø15,88 |



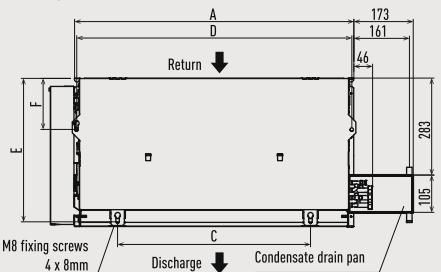
Unit: mm

Fan Coil Compact

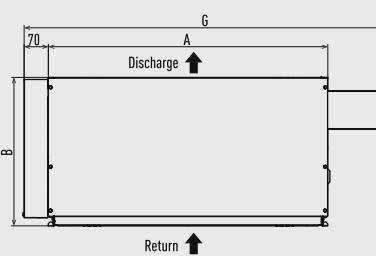
Front View



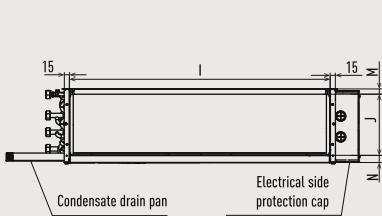
Top View for PAW-FC-D24, PAW-FC-D40 and PAW-FC-D55



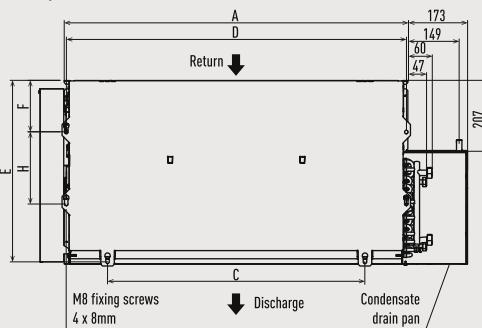
Bottom View



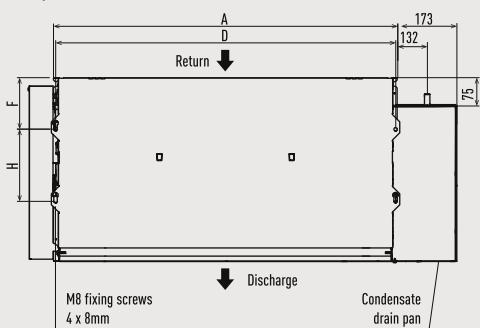
Rear View



Top View for PAW-FC-D65



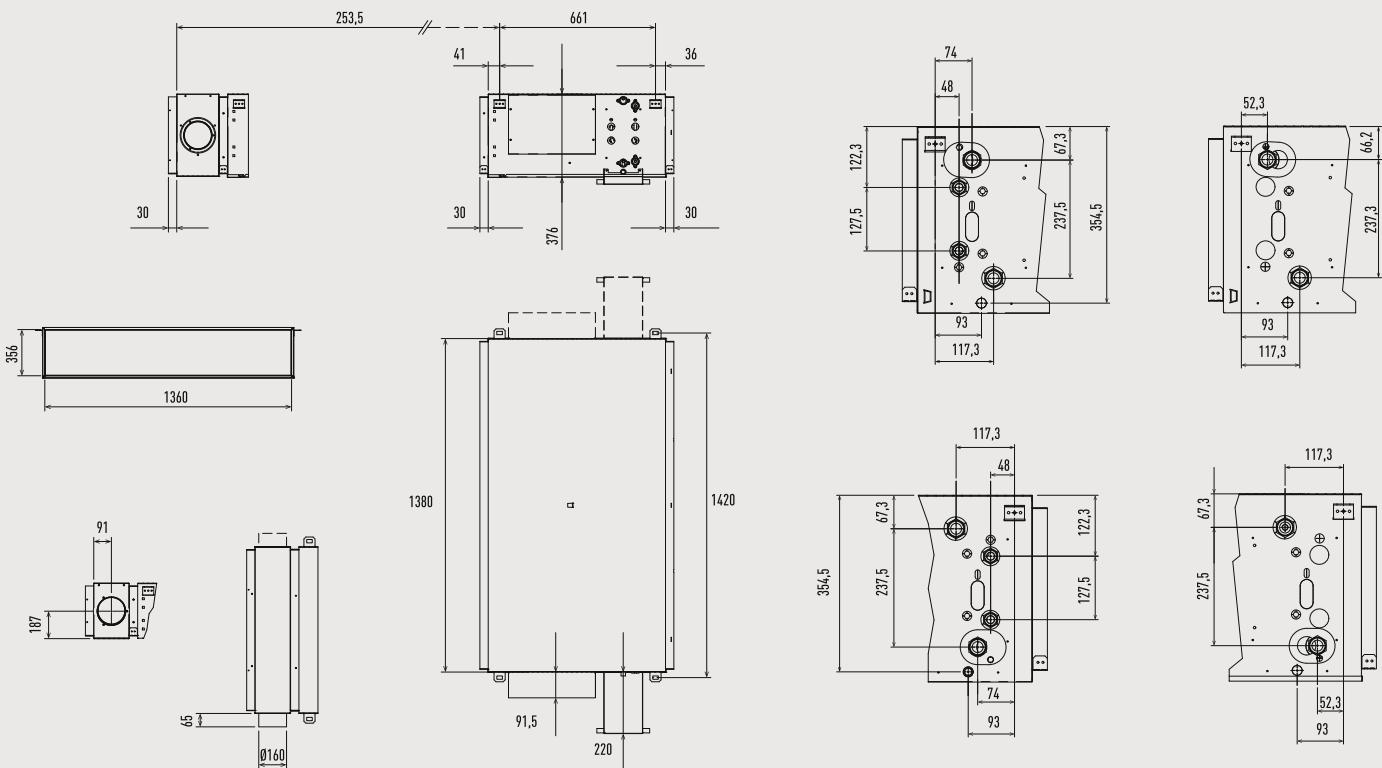
Top View for PAW-FC-D90



| Models | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|------------|------|-----|-----|------|-----|-----|------|-----|------|-----|------|-----|----|----|----|----|
| PAW-FC-D24 | 624 | 430 | 374 | 613 | 415 | 149 | 862 | / | 592 | 182 | 592 | 143 | 16 | 22 | 15 | 12 |
| PAW-FC-D40 | 994 | 430 | 744 | 983 | 415 | 149 | 1232 | / | 962 | 182 | 962 | 143 | 16 | 22 | 15 | 12 |
| PAW-FC-D55 | 1179 | 430 | 929 | 1168 | 415 | 149 | 1417 | / | 1147 | 182 | 1147 | 143 | 16 | 22 | 15 | 12 |
| PAW-FC-D65 | 994 | 530 | 744 | 983 | 524 | 149 | 1232 | 208 | 962 | 182 | 962 | 143 | 16 | 22 | 15 | 12 |
| PAW-FC-D90 | 1250 | 530 | / | 1240 | / | 157 | 1463 | 208 | 1220 | 193 | 1220 | 125 | 12 | 16 | 12 | 15 |

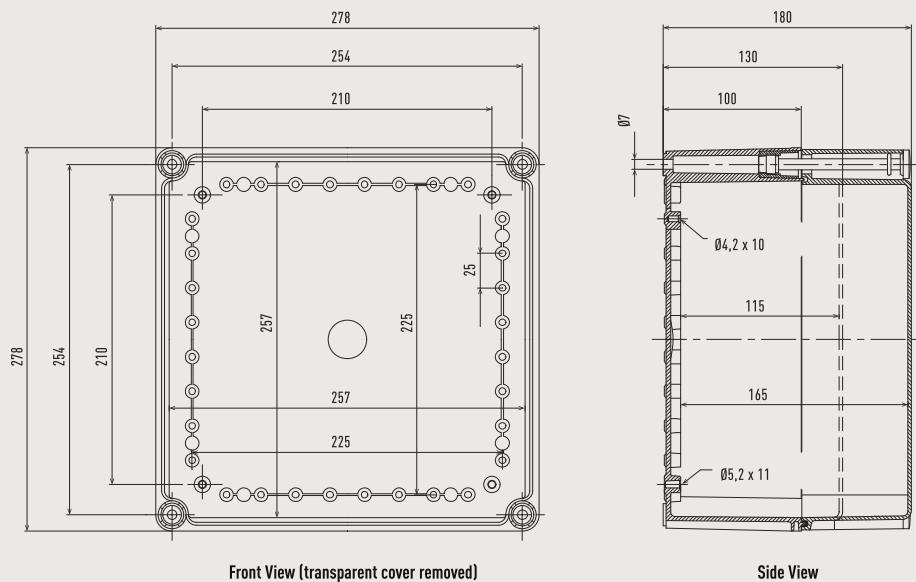
Unit: mm

Fan Coil High Static Pressure



Unit: mm

AHU Connection Kit



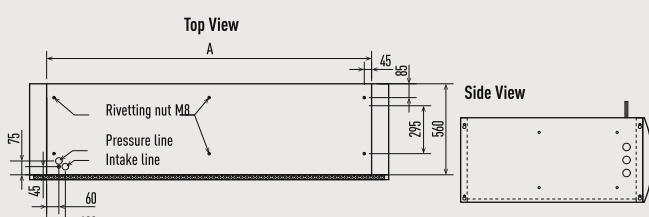
Front View (transparent cover removed)

Side View

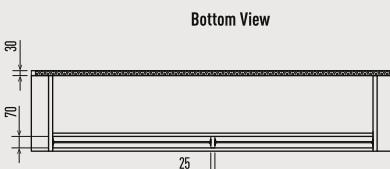
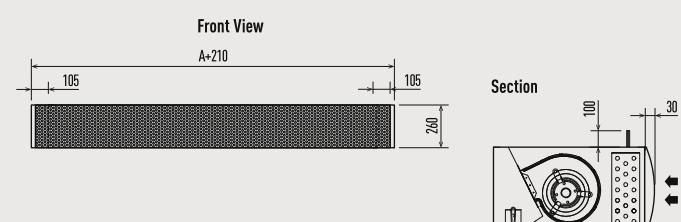
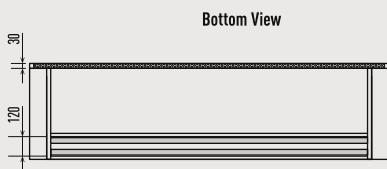
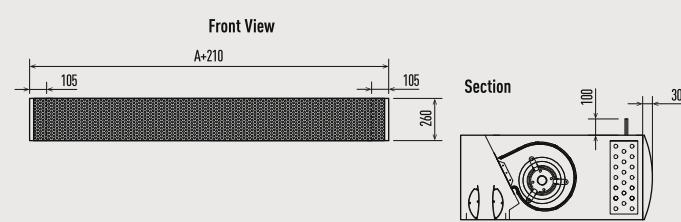
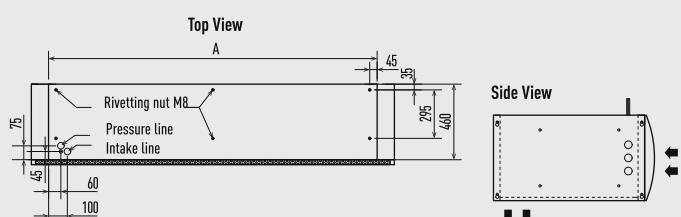
Unit: mm

Air Curtain with DX Coil

Jet-flow dimensions



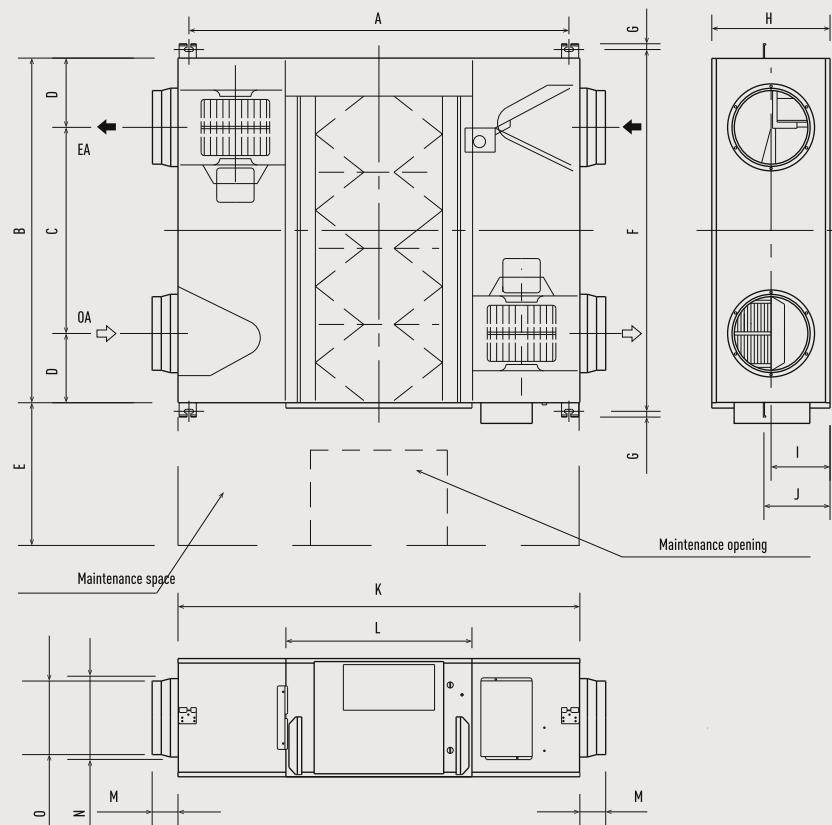
Standard dimensions



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

| | PAW-10EAIJC-MS | PAW-20EAIJC-MS |
|---|----------------|----------------|
| A | 1000 | 2000 |

Energy Recovery Ventilation System

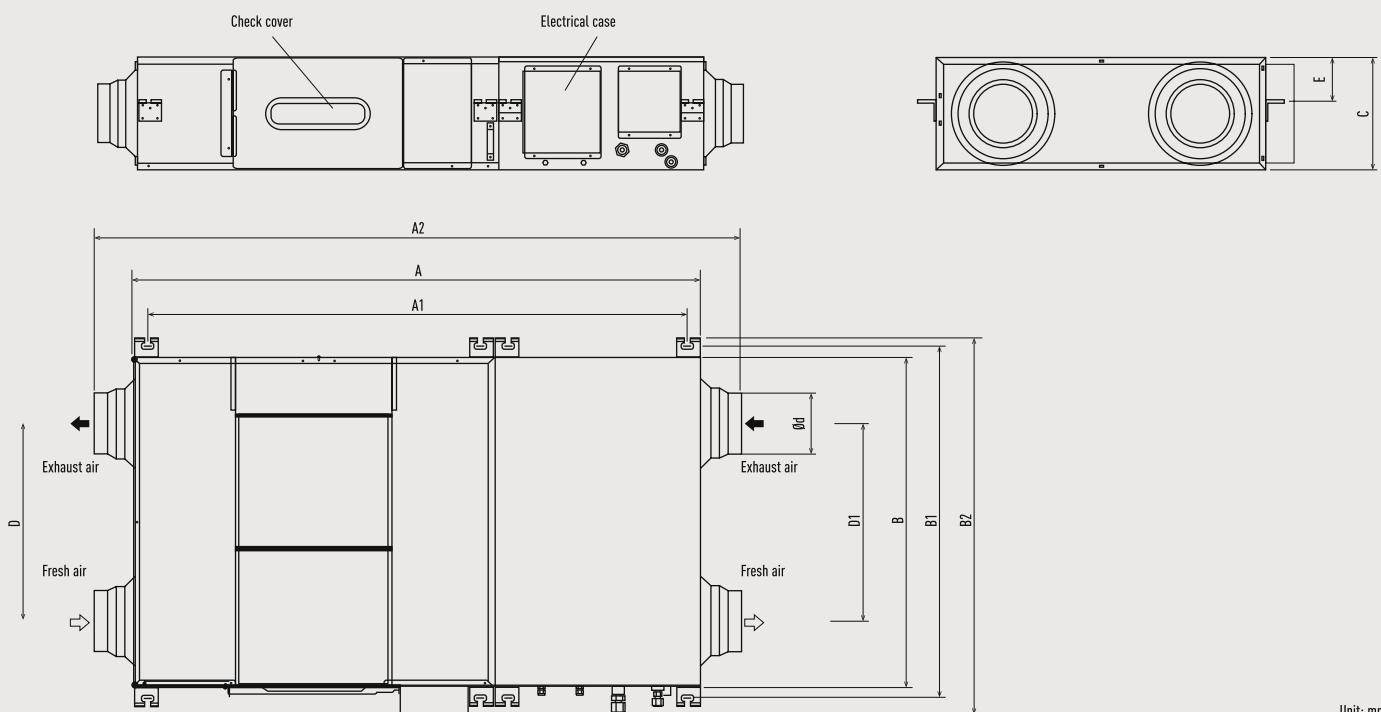


| | FY-250ZDY8R | FY-350ZDY8R | FY-500ZDY8R | FY-800ZDY8R | FY-01KZDY8R |
|---|-------------|-------------|-------------|-------------|-------------|
| A | 810 | 810 | 890 | 1250 | 1250 |
| B | 599 | 804 | 904 | 884 | 1134 |
| C | 315 | 480 | 500 | 428 | 678 |
| D | 142 | 162 | 202 | 228 | 228 |
| E | 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 |

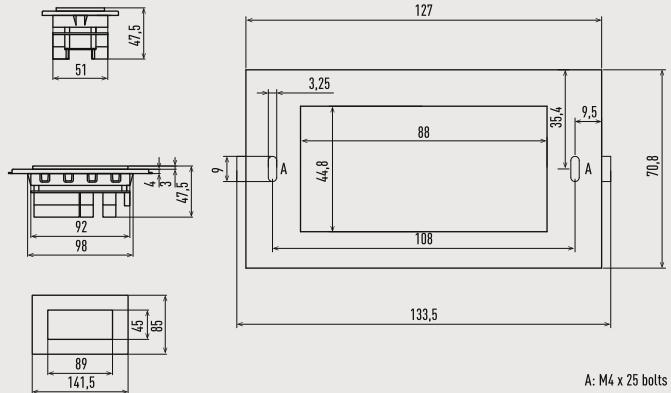
Unit: mm

Heat Recovery with DX Coil

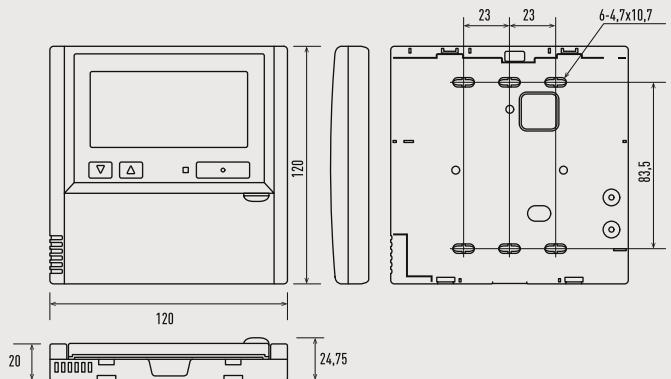
| | A | A1 | A2 | B | B1 | B2 | C | D | D1 | Ød | E | Net weight |
|--------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------------|
| PAW-500ZDX3N | 1822 | 1752 | 1986 | 882 | 936 | 994 | 390 | 431 | 431 | 250 | 169 | 81 |
| PAW-800ZDX3N | 1822 | 1752 | 1986 | 1132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



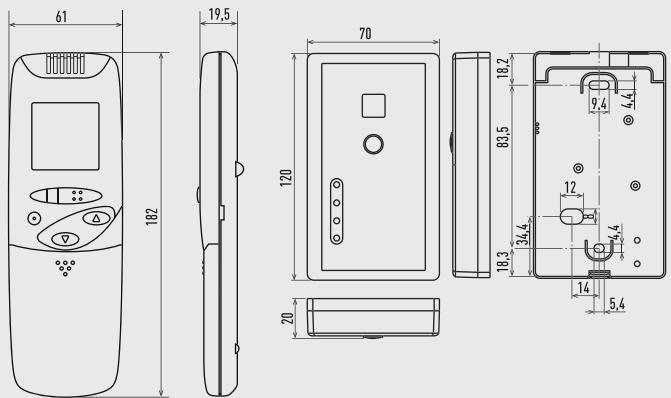
PAW-RE2C3 Intelligent Controller



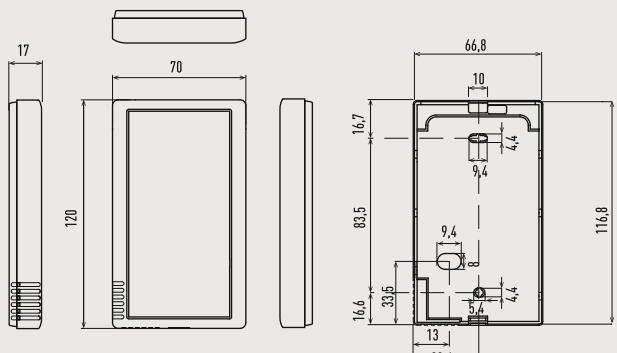
CZ-RTC4 Wired remote controller



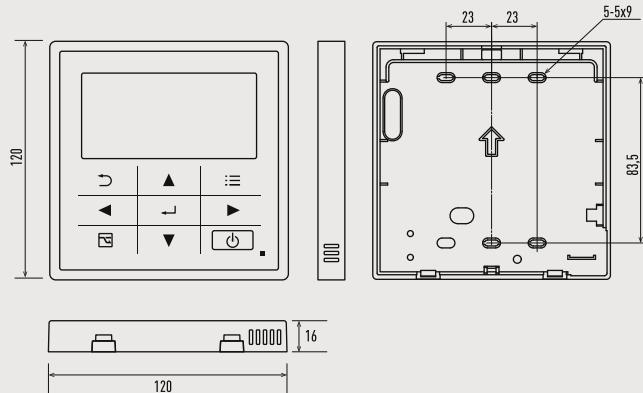
CZ-RWSC3 Wireless remote controller



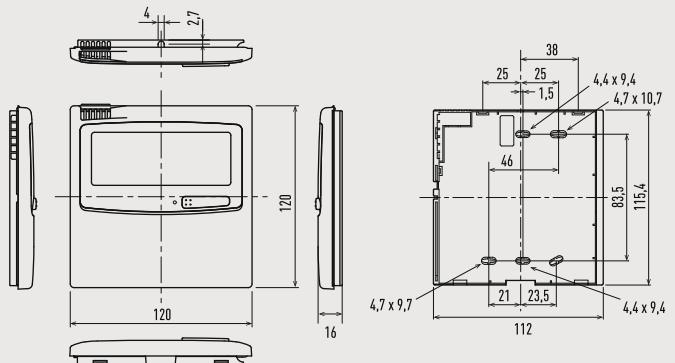
CZ-CSRC3 Remote sensor



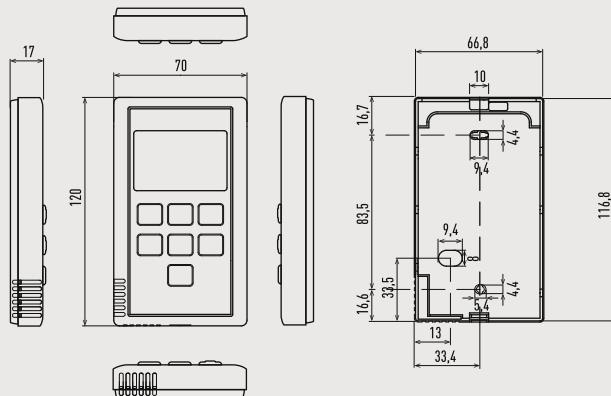
CZ-RTC5B Design wired remote controller



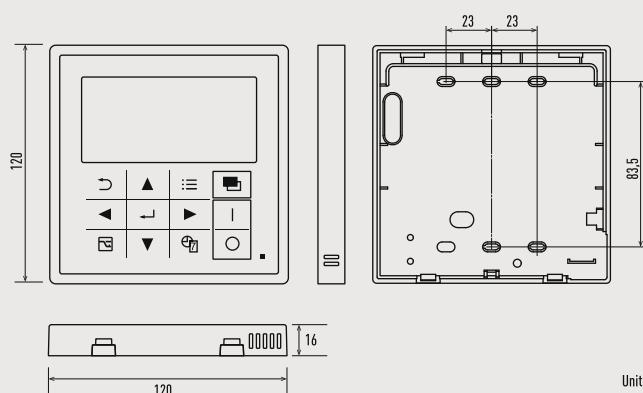
CZ-RTC2 Wired remote controller. Normal operation

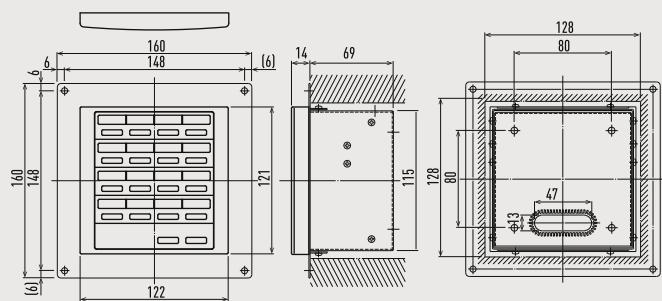
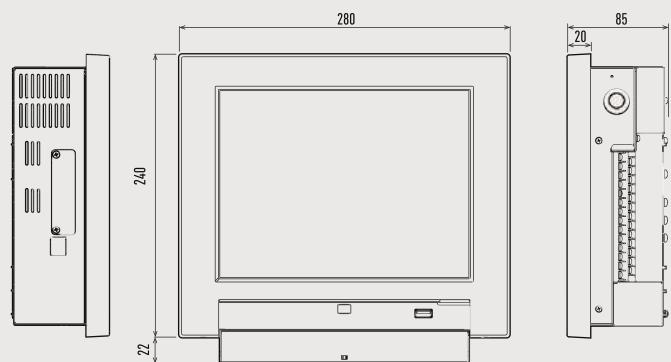
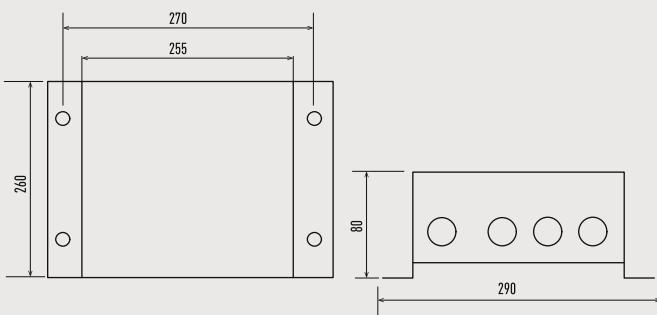
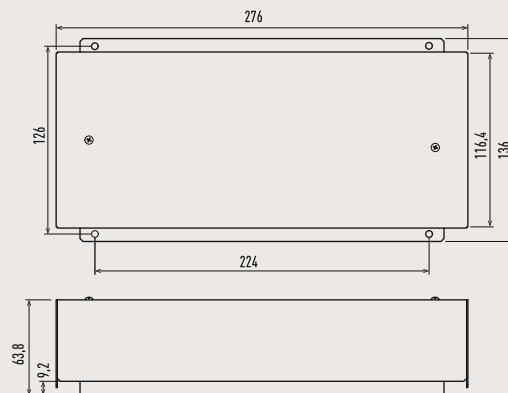
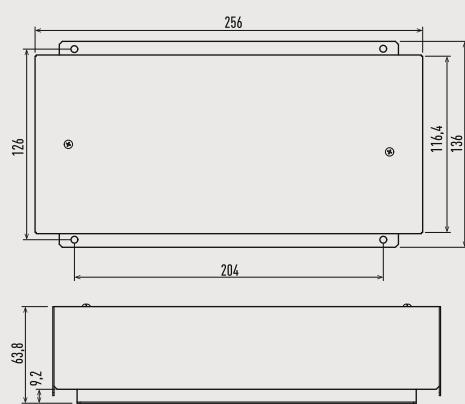


CZ-RE2C2 Simplified remote controller



CZ-64ESMC3 System Controller with Schedule timer



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**