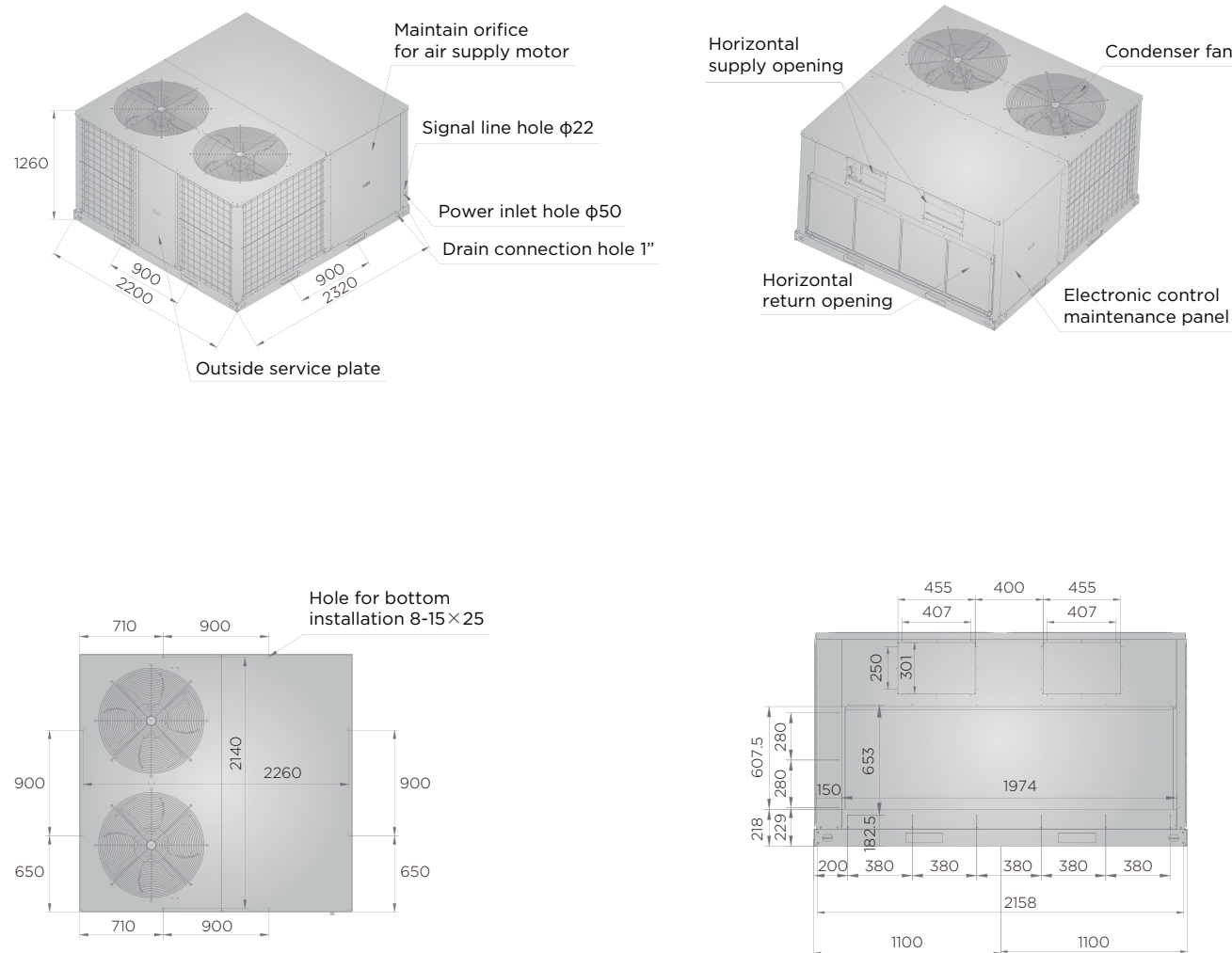


B-ClimaElite2409

25-30 Ton Unit: mm

overview



Notes:

1. Through the base gas and electrical is not standard on all units.
2. Verify weight, connection, and all dimension with installer documents before installation.

Midea Building Technologies Division

Midea Group

Add.: Midea Headquarters Building, 6 Midea Avenue, Shunde, Foshan, Guangdong, China  
Postal code: 528311

mbt.midea.com/global www.midea-group.com ics.midea.com

Midea reserves the right to change the specifications of the product, and to withdraw or replace products without prior notification or public announcement. Midea is constantly developing and improving its products.



## Features

- ❖ Utilizes high-efficiency inverter compressors for superior energy savings.
- ❖ Wide product range, from 75,000 Btu/h to 350,000 Btu/h.
- ❖ Equipped with user-friendly controllers across the entire product range, ensuring ease of use and maintenance.
- ❖ Use EEV control for refrigerant system, better cooling performance, more comfortable.
- ❖ Multiply measures to ensure units operate normally and reliably: High/low pressure protection, Temperature sensor protection, etc.
- ❖ Side-discharge structure design, It is suitable for installation on rooftop and ground.
- ❖ Wide operating temperature range - Cooling: from 16°C to 52°C  
- Heating: from -10°C to 24°C



Specifcations

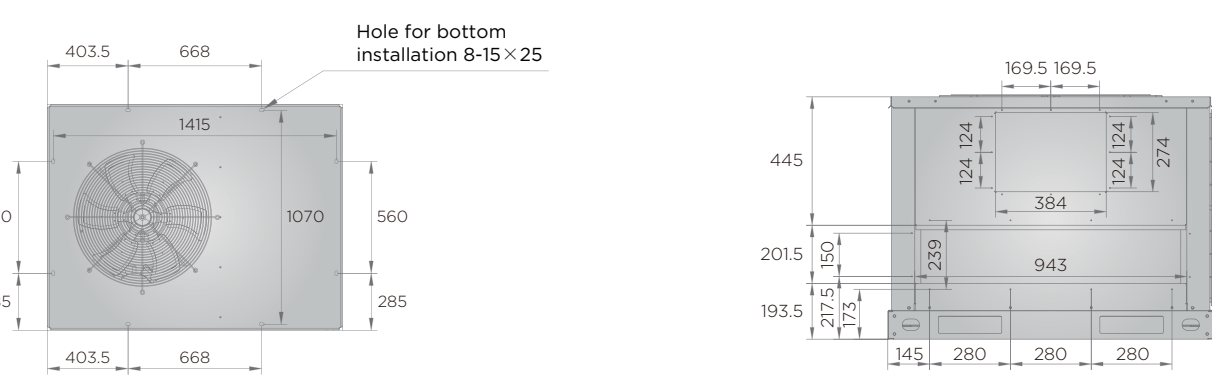
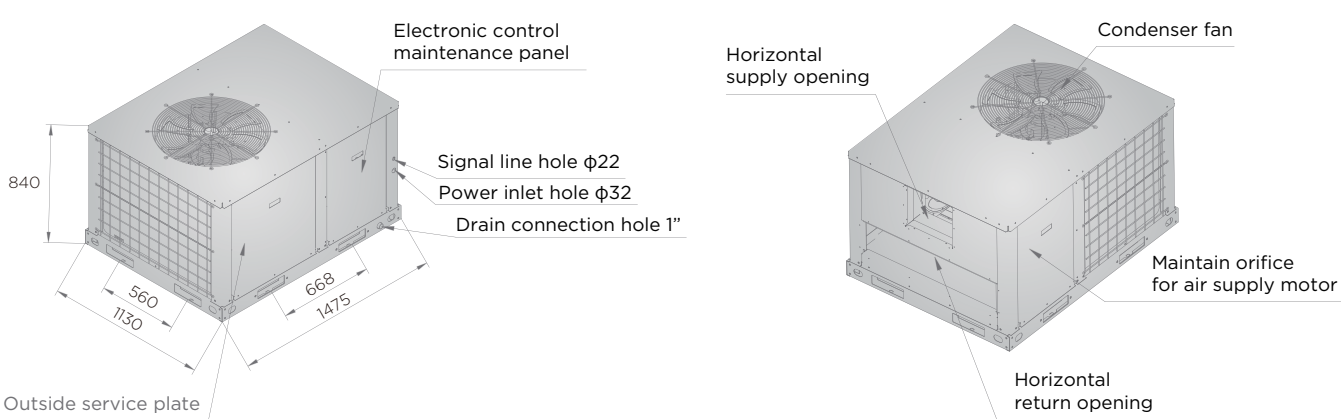
|                        |                     |          |                           |                        |                        |                        |                        |
|------------------------|---------------------|----------|---------------------------|------------------------|------------------------|------------------------|------------------------|
| Nominal ton            |                     | (Ton)    | 6.2                       | 7.5                    | 8.5                    | 10                     | 12.5                   |
| Model                  |                     |          | MRC -062HWD<br>N1-R(A)    | MRC -075HWD<br>N1-R(A) | MRC -085HWD<br>N1-R(A) | MRC -100HWD<br>N1-R(A) | MRC -125HWD<br>N1-R(A) |
| Power Supply           |                     | /        | 380-415V<br>3N-50Hz       | 380-415V<br>3N-50Hz    | 380-415V<br>3N-50Hz    | 380-415V<br>3N-50Hz    | 380-415V<br>3N-50Hz    |
| Cooling <sup>(1)</sup> | Capacity            | Btu/h    | 75000                     | 90000                  | 102000                 | 120000                 | 150000                 |
|                        |                     | kW       | 22.0                      | 26.4                   | 29.9                   | 35.2                   | 44.0                   |
|                        | Power Input         | kW       | 6.47                      | 7.83                   | 8.72                   | 10.43                  | 12.93                  |
| Heating <sup>(1)</sup> | Capacity            | Btu/h    | 89000                     | 97000                  | 120000                 | 137000                 | 156000                 |
|                        |                     | kW       | 26.1                      | 28.4                   | 35.2                   | 40.2                   | 45.7                   |
|                        | Power Input         | kW       | 7.74                      | 8.98                   | 10.08                  | 12.34                  | 13.11                  |
| Max. input consumption |                     | kW       | 9.2                       | 10.8                   | 13.3                   | 16                     | 20                     |
| Max. current           |                     | A        | 18.2                      | 21.5                   | 26.4                   | 31.2                   | 39                     |
| Performance            | Indoor fan air flow | CFM      | 2800                      | 2800                   | 3500                   | 3500                   | 5500                   |
|                        | ESP                 | Pa       | 80                        | 80                     | 90                     | 90                     | 110                    |
|                        | EER                 | Btu/(kw) | 11.6                      | 11.5                   | 11.7                   | 11.5                   | 11.6                   |
|                        | COP                 | Btu/(kw) | 11.5                      | 10.8                   | 11.9                   | 11.1                   | 11.9                   |
|                        |                     |          |                           |                        |                        |                        |                        |
| Indoor Coil            | Fin type            | /        | Hydrophilic aluminum fin  |                        |                        |                        |                        |
|                        | Tube type           | /        | Inner grooved copper pipe |                        |                        |                        |                        |
| Indoor fan             | Type                |          | Centrifugal               | Centrifugal            | Centrifugal            | Centrifugal            | Centrifugal            |
|                        | Drive type          |          | Direct                    | Direct                 | Belt                   | Belt                   | Belt                   |
|                        | Motor type          |          | AC                        | AC                     | AC                     | AC                     | AC                     |
| Compressor             | Type                |          | Rotor                     | Rotor                  | Scroll                 | Scroll                 | Scroll                 |
|                        | Quantity            |          | 1                         | 1                      | 1                      | 1                      | 1                      |
| Outdoor Coil           | Fin type            | /        | Hydrophilic aluminum fin  |                        |                        |                        |                        |
|                        | Tube type           | /        | Inner grooved copper pipe |                        |                        |                        |                        |
| Outdoor Fan            | Type                |          | Axial                     | Axial                  | Axial                  | Axial                  | Axial                  |
|                        | Drive type          |          | Direct                    | Direct                 | Direct                 | Direct                 | Direct                 |
|                        | Motor type          |          | AC                        | AC                     | AC                     | AC                     | AC                     |
| Refrigerant            | Type                |          | R410A                     | R410A                  | R410A                  | R410A                  | R410A                  |
|                        | Refrigerant volume  | kg       | 4.3                       | 4.8                    | 5.5                    | 6.7                    | 7.6                    |
|                        | Refrigerant Control |          | EEV                       | EEV                    | EEV                    | EEV                    | EEV                    |
|                        |                     |          |                           |                        |                        |                        |                        |
| Sound pressure level   |                     | dB(A)    | 71.5                      | 71.5                   | 71.2                   | 71.5                   | 71.8                   |
| Ambient temperature    | Cooling             |          | 16°C-52°C                 | 16°C-52°C              | 16°C-52°C              | 16°C-52°C              | 16°C-52°C              |
|                        | Heating             |          | -10°C-24°C                | -10°C-24°C             | -10°C-24°C             | -10°C-24°C             | -10°C-24°C             |
| Net Weight             |                     | kg       | 290                       | 310                    | 420                    | 440                    | 500                    |
| Gross Weight           |                     | kg       | 295                       | 315                    | 425                    | 445                    | 505                    |
| Dimensions             | Net (WxHxD)         | mm       | 1475x840x1130             | 1475x840x1130          | 1475x1260x1130         | 1475x1260x1130         | 1965x1260x1130         |
|                        | Packing (WxHxD)     | mm       | 1495x860x1150             | 1495x860x1150          | 1495x1280x1150         | 1495x1280x1150         | 1985x1280x1150         |

|                        |                     |          |                           |                        |                        |                        |                        |
|------------------------|---------------------|----------|---------------------------|------------------------|------------------------|------------------------|------------------------|
| Nominal ton            |                     | (Ton)    | 15                        | 17.5                   | 20                     | 25                     | 30                     |
| Model                  |                     |          | MRC -150HWD<br>N1-R(A)    | MRC -175HWD<br>N1-R(A) | MRC -200HWD<br>N1-R(A) | MRC -250HWD<br>N1-R(A) | MRC -300HWD<br>N1-R(A) |
| Power Supply           |                     | /        | 380-415V<br>3N-50Hz       | 380-415V<br>3N-50Hz    | 380-415V<br>3N-50Hz    | 380-415V<br>3N-50Hz    | 380-415V<br>3N-50Hz    |
| Cooling <sup>(1)</sup> | Capacity            | Btu/h    | 180000                    | 210000                 | 240000                 | 300000                 | 350000                 |
|                        |                     | kW       | 52.8                      | 61.5                   | 70.3                   | 87.9                   | 102.6                  |
|                        | Power Input         | kW       | 16.07                     | 18.92                  | 22.02                  | 28.30                  | 33.65                  |
| Heating <sup>(1)</sup> | Capacity            | Btu/h    | 191000                    | 218000                 | 260000                 | 330000                 | 380000                 |
|                        |                     | kW       | 56.0                      | 63.9                   | 76.2                   | 96.7                   | 111.4                  |
|                        | Power Input         | kW       | 17.52                     | 20.37                  | 24.53                  | 30.56                  | 35.85                  |
| Max. input consumption |                     | kW       | 24.1                      | 28.4                   | 31.2                   | 44.2                   | 52.3                   |
| Max. current           |                     | A        | 47                        | 55.4                   | 60.9                   | 86.2                   | 102                    |
| Performance            | Indoor fan air flow | CFM      | 5500                      | 7600                   | 7600                   | 11200                  | 11200                  |
|                        | ESP                 | Pa       | 110                       | 130                    | 130                    | 150                    | 150                    |
|                        | EER                 | Btu/(kw) | 11.2                      | 11.1                   | 10.9                   | 10.6                   | 10.4                   |
|                        | COP                 | Btu/(kw) | 10.9                      | 10.7                   | 10.6                   | 10.8                   | 10.6                   |
| Indoor Coil            | Fin type            | /        | Hydrophilic aluminum fin  |                        |                        |                        |                        |
|                        | Tube type           | /        | Inner grooved copper pipe |                        |                        |                        |                        |
| Indoor fan             | Type                |          | Centrifugal               | Centrifugal            | Centrifugal            | Centrifugal            | Centrifugal            |
|                        | Drive type          |          | Belt                      | Belt                   | Belt                   | Belt                   | Belt                   |
|                        | Motor type          |          | AC                        | AC                     | AC                     | AC                     | AC                     |
| Compressor             | Type                |          | Scroll                    | Scroll                 | Scroll                 | Scroll                 | Scroll                 |
|                        | Quantity            |          | 1                         | 2                      | 2                      | 2                      | 2                      |
| Outdoor Coil           | Fin type            | /        | Hydrophilic aluminum fin  |                        |                        |                        |                        |
|                        | Tube type           | /        | Inner grooved copper pipe |                        |                        |                        |                        |
| Outdoor Fan            | Type                |          | Axial                     | Axial                  | Axial                  | Axial                  | Axial                  |
|                        | Drive type          |          | Direct                    | Direct                 | Direct                 | Direct                 | Direct                 |
|                        | Motor type          |          | AC                        | AC                     | AC                     | AC                     | AC                     |
| Refrigerant            | Type                |          | R410A                     | R410A                  | R410A                  | R410A                  | R410A                  |
|                        | Refrigerant volume  | kg       | 9.5                       | 5.5+5.5                | 6.7+6.7                | 7.6+7.6                | 9.5+9.5                |
|                        | Refrigerant Control |          | EEV                       | EEV                    | EEV                    | EEV                    | EEV                    |
| Sound pressure level   |                     | dB(A)    | 76.9                      | 76                     | 75.3                   | 76.8                   | 77.9                   |
| Ambient temperature    | Cooling             |          | 16°C-52°C                 | 16°C-52°C              | 16°C-52°C              | 16°C-52°C              | 16°C-52°C              |
|                        | Heating             |          | -10°C-24°C                | -10°C-24°C             | -10°C-24°C             | -10°C-24°C             | -10°C-24°C             |
| Net Weight             |                     | kg       | 530                       | 780                    | 820                    | 1080                   | 1150                   |
| Gross Weight           |                     | kg       | 538                       | 788                    | 830                    | 1090                   | 1160                   |
| Dimensions             | Net (WxHxD)         | mm       | 1965x1260x1130            | 2200x1260x1670         | 2200x1260x1670         | 2200x1260x2320         | 2200x1260x2320         |
|                        | Packing (WxHxD)     | mm       | 1985x1280x1150            | 2220x1280x1690         | 2220x1280x1690         | 2220x1280x2340         | 2220x1280x2340         |

1. Cooling capacity test condition: Outdoor ambient temperature: 35°C, indoor temperature 26.7°C DB/19.4°C WB;  
Heating capacity test condition: Outdoor ambient temperature: 7°C DB/6°C WB, indoor temperature 20°C DB/ 15°C WB;
2. Units are suitable for operation to ± 20% of nominal CFM;
3. Sound values are measured in a semi-anechoic room, at a positon 1 meter in front of the unit and (1 meter+Height of unit)/2 above the floor.
4. Specifications are subject to change without prior notice for product improvement.
5. \* Nominal ton only for reference.
6. Cooling or heating capacity as per specifications.

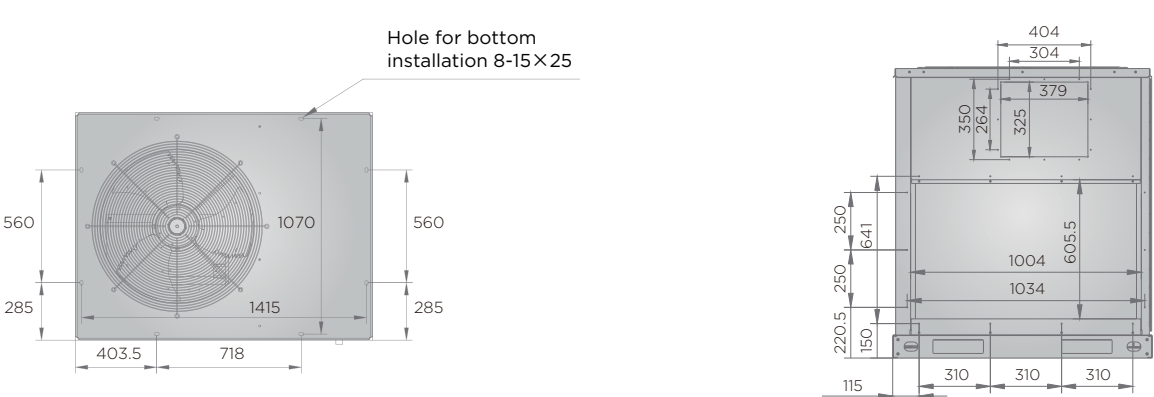
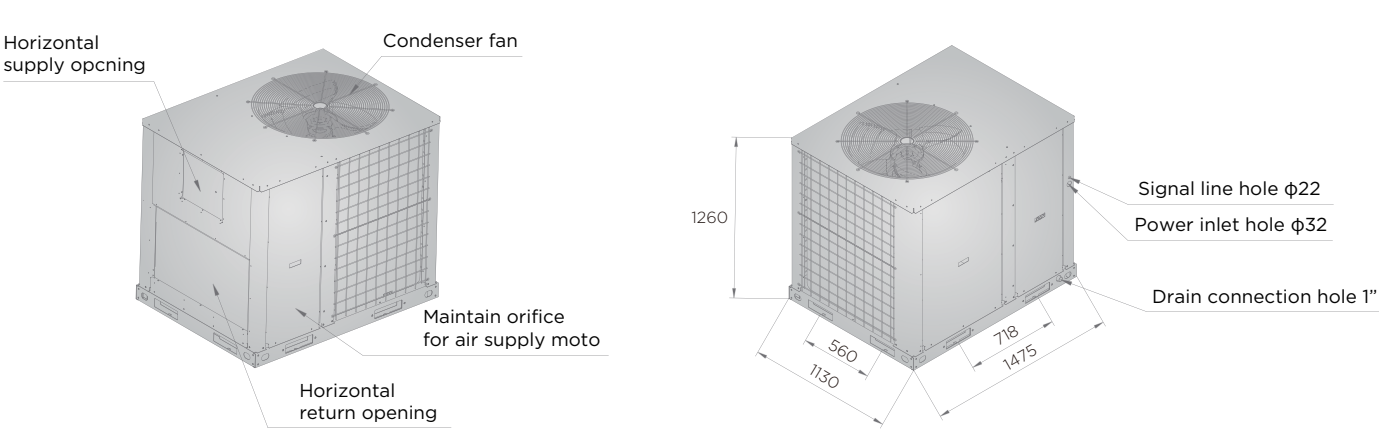
6.2-7.5 Ton Unit: mm

overview



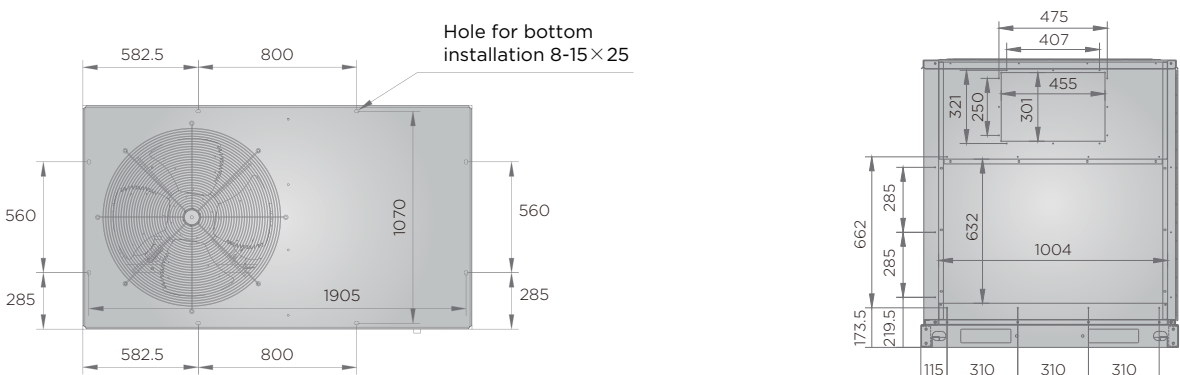
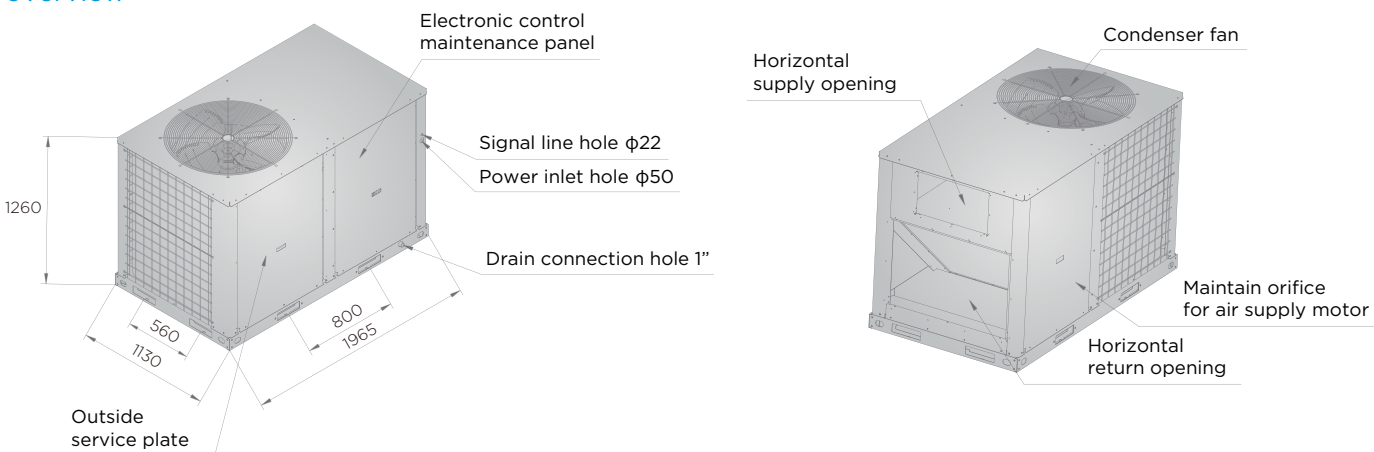
8.5-10 Ton Unit: mm

overview



12.5-15 Ton Unit: mm

overview



17.5-20 Ton Unit: mm

overview

