



Characteristics



- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO₂ emissions (heating mode).
- Decorative rounded air curtain for vertical or horizontal installation.
- Faceted self-supporting casing construction made of galvanized plated steel, finished in structural epoxy-polyester painting white RAL9016 or silver grey RAL9006 as standard. Other colours or stainless steel are available on request.
- Large perforated inlet grille avoiding intensive maintenance.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficiency fans.
- Includes direct expansion coil with sensors. Optional condensate water pump.
- CS-5DX-NE Plug&Play control with 5 speeds and telephone cable 7m included.
- Requires DX Interface KIT adapted for air curtain and programmable control, please consult.
- Ready to connect to MIDEA Inverter outdoor heat pump unit (R410A) with expansion valve, not included, the customer should purchase it.

Specifications

| Model | Airflow m ³ /h | Outdoor Unit (*) | | Power Fans | Current Fans | Noise Level | Weight kg |
|--------------------|------------------------------|-----------------------|-----------------------|-----------------|----------------|----------------|--------------|
| | | 230Vx1 | 400Vx3 | 230V-50Hz kW | 230V-50Hz A | (5 m) dB(A) | |
| ECG 1000 DX10-MD | 2190 | MOD30U-36HFN1-QRD0 | MOD30U-36HFN1-RRD0 | 0,225 | 1,95 | 61 | 52 |
| ECG 1500 DX15-MD | 2920 | MOE30U-48HFN1-QRD0 | MOE30U-48HFN1-RRD0 | 0,300 | 2,60 | 62 | 77 |
| ECG 2000 DX18-MD | 4380 | - | MOE30U-55HFN1-RRD0 | 0,450 | 3,90 | 63 | 100 |
| ECG 2000 DX22/2-MD | 4380 | 2x MOD30U-36HFN1-QRD0 | 2x MOD30U-36HFN1-RRD0 | 0,450 | 3,90 | 63 | 100 |
| ECG 2500 DX29/2-MD | 5110 | 2x MOE30U-48HFN1-QRD0 | 2x MOE30U-48HFN1-RRD0 | 0,525 | 4,55 | 64 | 109 |
| ECG 3000 DX32/2-MD | 5840 | 2x MOE30U-48HFN1-QRD0 | 2x MOE30U-48HFN1-RRD0 | 0,600 | 5,20 | 65 | 119 |

22/2 Double circuit and two outdoor units of 11kW. 29/2 and 32/2 Double circuit and two outdoor units of 16kW.

(*) Includes direct expansion valve.

| MIDEA Inverter Outdoor Units | Heating Capacity | Heating Power | SCOP or COP (*) | Cooling Capacity | Cooling Power | SEER or EER (*) | Power Supply | Pipes Gas Liquid | Pipes Maximum Length | Pipes Maximum Height |
|------------------------------|------------------|---------------|-----------------|------------------|---------------|-----------------|--------------|------------------|----------------------|----------------------|
| | kW | kW | W/W | kW | kW | W/W | | inch | m | m |
| MOD30U-36HFN1-QRD0 | 11,1 | 2,9 | 3,82 | 10,5 | 3,95 | 2,65 | 230Vx1 | 5/8 3/8 | 65 | 30 |
| MOD30U-36HFN1-RRD0 | 11,1 | 2,9 | 3,82 | 10,5 | 3,95 | 2,65 | 400Vx3 | 5/8 3/8 | 65 | 30 |
| MOE30U-48HFN1-QRD0 | 16,1 | 4,4 | 3,65 | 14,1 | 5,10 | 2,76 | 230Vx1 | 5/8 3/8 | 65 | 30 |
| MOE30U-48HFN1-RRD0 | 16,1 | 4,4 | 3,65 | 14,1 | 5,10 | 2,76 | 400Vx3 | 5/8 3/8 | 65 | 30 |
| MOE30U-55HFN1-RRD0 | 17,6 | 5,5 | 3,20 | 16,1 | 6,30 | 2,55 | 400Vx3 | 5/8 3/8 | 65 | 30 |

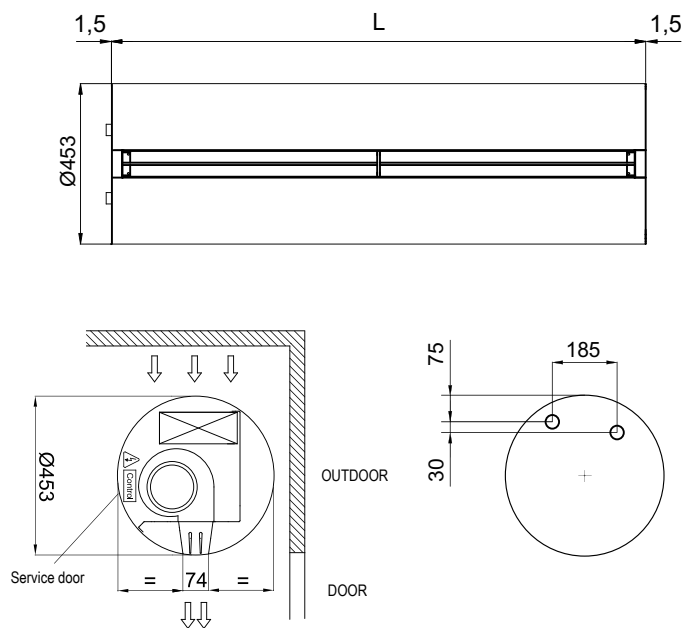
Energy efficiency: SCOP/SEER seasonal ≤12kW, COP/EER >12kW.

Outdoor unit capacities depending on standard conditions: heating 20°CDB indoor / 7°CDB and 6°CWB outdoor, cooling 27°CDB and 19°CWB indoor / 35°CDB outdoor.

When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.



Layouts and dimensions



| | L |
|-----------|------|
| RUND 1000 | 1025 |
| RUND 1500 | 1525 |
| RUND 2000 | 2030 |
| RUND 2500 | 2530 |
| RUND 3000 | 2980 |

Horizontal installation



Ceiling fixation through threaded rods



Wall/ceiling fixation through arms



Wall/ceiling fixation through angle supports



Wall fixation through lateral arms



Floor fixation (goalpost)