

Tica In-Door Units



Round Flow cassette



Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|---------------------|------------|----------|----------|
| / | Standard | Standard (built-in) | Standard | Standard | / |

360° air outlet, no blind spot



Compact design, only 230mm height

Has slim body with 230mm height, it is specially suitable for low suspended ceiling rooms.



Built-in drain pump, drain height can be 1200mm

Built-in with a fully-automatic drain pump. Pumping head is up to 1200mm, flexible for drainage pipe design.



Streamlined panels in uniform size, elegant and generous

Newly designed streamlined panel, stylish and elegant.



Air flow from ceiling to ground

The air supply is not limited by the floor height. The cold air can reach the ground in a room of up to 3.5 m high to achieve optimum air conditioning performance.



Ultra Quiet Operation

The use of aerospace technology on 3D spiral fan blades with optimized air duct design reduces internal resistance of the unit and achieves ultra-quiet operation, creating a comfortable and pleasant environment.



Unique PM2.5 and formaldehyde purification solution

PM2.5 and formaldehyde filters are optional to provide super-clean indoor environment.



| Model | | | TMCF026AB | TMCF036AB | TMCF045AB | TMCF056AB | TMCF066AB | TMCF076AB | TMCF086AB |
|----------------------------|-------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Capacity | Cooling | kW | 2.8 | 3.6 | 4.5 | 5.0 | 5.6 | 6.3 | 7.1 |
| | Heating | kW | 3.2 | 4.0 | 5.0 | 5.6 | 6.3 | 7.1 | 8.0 |
| Power supply | | V/Ph/Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz |
| Power input | | W | 55 | 55 | 70 | 70 | 75 | 75 | 90 |
| Air flow volume (HML) | | m ³ /h | 750/650/540 | 810/690/540 | 900/720/600 | 900/720/600 | 960/780/660 | 960/780/660 | 1020/900/690 |
| Sound pressure level (HML) | | dB(A) | 33/30/25 | 33/30/25 | 36/33/31 | 36/33/31 | 36/33/31 | 36/33/31 | 39/36/33 |
| Fan | Type | — | Axial | Axial | Axial | Axial | Axial | Axial | Axial |
| Fan motor | Power output | W | 26 | 26 | 30 | 30 | 30 | 30 | 37 |
| | Insulation class | — | B | B | B | B | B | B | B |
| Connecting pipe | Liquid pipe | mm | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ9.52 |
| | Gas pipe | mm | φ12.7 | φ12.7 | φ12.7 | φ12.7 | φ12.7 | φ12.7 | φ15.88 |
| | Connection method | | | Flared | Flared | Flared | Flared | Flared | Flared |
| Drain pipe | External diameter | mm | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 |
| Outline dimension (body) | | mm | 860*600*230 | 860*600*230 | 860*600*230 | 860*600*230 | 860*600*230 | 860*600*230 | 860*600*230 |
| Outline dimension (panel) | | mm | 960*680*30 | 960*680*30 | 960*680*30 | 960*680*30 | 960*680*30 | 960*680*30 | 960*680*30 |
| Package dimension (body) | | mm | 930*630*280 | 930*630*280 | 930*630*280 | 930*630*280 | 930*630*280 | 930*630*280 | 930*630*280 |
| Package dimension (panel) | | mm | 1000*700*40 | 1000*700*40 | 1000*700*40 | 1000*700*40 | 1000*700*40 | 1000*700*40 | 1000*700*40 |
| Net weight | Body | kg | 22.5 | 22.5 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 |
| | Panel | kg | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Gross weight | Body | kg | 24.5 | 24.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 |
| | Panel | kg | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |

| Model | | | TMCF086AB | TMCF096AB | TMCF100AB | TMCF112AB | TMCF125AB | TMCF140AB | TMCF160AB |
|----------------------------|-------------------|-------------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| Capacity | Cooling | kW | 8.0 | 9.0 | 10.0 | 11.2 | 12.5 | 14.0 | 16.0 |
| | Heating | kW | 9.0 | 10.0 | 11.2 | 12.5 | 14.0 | 16.0 | 18.0 |
| Power supply | | V/Ph/Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz |
| Power input | | W | 90 | 150 | 150 | 150 | 190 | 190 | 210 |
| Air flow volume (HML) | | m ³ /h | 1200/1060/870 | 1500/1200/900 | 1600/1260/1020 | 1700/1360/1080 | 1800/1500/1200 | 1800/1500/1200 | 2100/1800/1500 |
| Sound pressure level (HML) | | dB(A) | 39/36/33 | 42/39/35 | 42/39/35 | 42/39/35 | 44/40/35 | 44/40/35 | 44/40/36 |
| Fan | Type | — | Axial | Axial | Axial | Axial | Axial | Axial | Axial |
| Fan motor | Power output | W | 37 | 50 | 50 | 65 | 65 | 65 | 65 |
| | Insulation class | — | B | B | B | B | B | B | B |
| Connecting pipe | Liquid pipe | mm | φ9.52 | φ9.52 | φ9.52 | φ9.52 | φ9.52 | φ9.52 | φ9.52 |
| | Gas pipe | mm | φ15.88 | φ15.88 | φ15.88 | φ15.88 | φ15.88 | φ15.88 | φ15.88 |
| | Connection method | | | Flared | Flared | Flared | Flared | Flared | Flared |
| Drain pipe | External diameter | mm | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 |
| Outline dimension (body) | | mm | 860*600*230 | 860*600*230 | 860*600*230 | 860*600*230 | 860*600*230 | 860*600*230 | 860*600*230 |
| Outline dimension (panel) | | mm | 960*680*30 | 960*680*30 | 960*680*30 | 960*680*30 | 960*680*30 | 960*680*30 | 960*680*30 |
| Package dimension (body) | | mm | 930*630*280 | 930*630*280 | 930*630*280 | 930*630*280 | 930*630*280 | 930*630*280 | 930*630*280 |
| Package dimension (panel) | | mm | 1000*700*40 | 1000*700*40 | 1000*700*40 | 1000*700*40 | 1000*700*40 | 1000*700*40 | 1000*700*40 |
| Net weight | Body | kg | 24.5 | 29.5 | 29.5 | 29.5 | 29.5 | 32 | 32 |
| | Panel | kg | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Gross weight | Body | kg | 26.5 | 31.5 | 31.5 | 31.5 | 31.5 | 34 | 34 |
| | Panel | kg | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |

Notes:

1. Power supply: 220V/1Ph for 50Hz
2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.6°F) DB
4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

Two-way cassette



Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|---------------------|------------|----------|----------|
| / | Standard | Standard (External) | Standard | Standard | / |

Special design for corridor or narrow and long room



Available for room with 3.5m floor height



Built-in drain pump, drain height can be 1200mm

Built-in with a fully-automatic drain pump. Pumping head is up to 1200mm, flexible for drainage pipe design.



| Model | | | TMCD068A | TMCD066A | TMCD064A | TMCD062A | TMCD071A | TMCD080A | TMCD090A | TMCD100A | TMCD112A | TMCD125A | TMCD140A |
|----------------------------|-------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Capacity | Cooling | kW | 2.8 | 3.6 | 4.5 | 5.6 | 7.1 | 8.0 | 9.0 | 10.0 | 11.2 | 12.5 | 14.0 |
| | Heating | kW | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 | 9.0 | 10.0 | 11.2 | 12.5 | 14.0 | 16.0 |
| Power supply | | VPh/Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz |
| Power input | | W | 80 | 62 | 68 | 85 | 94 | 98 | 129 | 135 | 175 | 185 | 268 |
| Air flow volume (HML) | | m ³ /h | 500/260/376 | 616/23/462 | 773/657/580 | 900/765/657 | 1165/990/873 | 1300/1120/980 | 1450/1310/1160 | 1600/1450/1280 | 1725/1550/1280 | 1980/1680/1500 | 1980/1680/1500 |
| Sound pressure level (HML) | | dB(A) | 37/31/25 | 39/36/32 | 43/37/31 | 45/41/36 | 47/43/40 | 49/45/42 | 49/42/38 | 49/43/40 | 50/46/43 | 53/50/46 | 53/50/46 |
| Fan | Type | — | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal |
| Fan motor | Power output | W | 10 | 12 | 16 | 25 | 30 | 30 | 20 ² | 25 ² | 30 ² | 45 ² | 45 ² |
| | Insulation class | — | B | B | B | B | B | B | B | B | B | B | B |
| Connecting pipe | Liquid pipe | mm | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ9.52 | φ9.52 | φ9.52 | φ9.52 | φ9.52 | φ9.52 | φ9.52 |
| | Gas pipe | mm | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ15.88 | φ15.88 | φ15.88 | φ15.88 | φ15.88 | φ15.88 | φ15.88 |
| | Connection method | — | Flared | Flared | Flared | Flared | Flared | Flared | Flared | Flared | Flared | Flared | Flared |
| Drain pipe | External diameter | mm | DN20 | DN20 | DN20 | DN20 | DN20 | DN20 | DN20 | DN20 | DN20 | DN20 | DN20 |
| Outline dimension (body) | | mm | 840*520*315 | 840*520*315 | 960*520*315 | 960*520*315 | 1200*520*315 | 1200*520*315 | 1680*520*315 | 1680*520*315 | 1680*520*315 | 1680*520*315 | 1680*520*315 |
| Outline dimension (panel) | | mm | 1083*630*33 | 1083*630*33 | 1203*630*33 | 1203*630*33 | 1443*630*33 | 1443*630*33 | 1923*630*33 | 1923*630*33 | 1923*630*33 | 1923*630*33 | 1923*630*33 |
| Package dimension (set) | | mm | 1145*685*395 | 1145*685*395 | 1265*685*395 | 1265*685*395 | 1505*685*395 | 1505*685*395 | 1983*685*395 | 1983*685*395 | 1983*685*395 | 1983*685*395 | 1983*685*395 |
| Net weight | | kg | 32 | 32 | 37 | 37 | 40 | 40 | 45 | 45 | 47 | 47 | 47 |
| Gross weight | | kg | 35 | 35 | 40 | 40 | 43 | 43 | 48 | 48 | 50 | 50 | 50 |

Notes:

- Power supply: 220V/1Ph for 50Hz
- The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
- The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.8°F) DB
- Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- The above data may be changed without notice for future improvement on quality and performance.

One-way cassette



Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|---------------------|------------|----------|----------|
| / | Standard | Standard (External) | Standard | Standard | / |

Special design for corridor or narrow and long room

Available for room with 3.5m floor height

Built-in drain pump, drain height can be 1200mm

Built-in with a fully-automatic drain pump. Pumping head is up to 1200mm, flexible for drainage pipe design.



| Model | | | TMC5028A | TMC5036A | TMC5045A | TMC5056A | TMC5071A |
|---------------------------|--------------------|-------------------|---|---|---|---|---|
| Capacity | Cooling | KW | 2.8 | 3.6 | 4.5 | 5.6 | 7.1 |
| | Heating | KW | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 |
| Power Supply | | V/Ph/Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz |
| Power Input | | W | 40 | 40 | 45 | 45 | 50 |
| Air flow volume(MWL) | | m ³ /h | 510/410/310 | 600/480/360 | 720/570/450 | 910/830/700 | 1000/850/750 |
| | | CFM | | | | | |
| Sound pressure level(MWL) | | dB(A) | 36/34/30 | 38/28/26 | 42/38/35 | 45/41/39 | 47/43/40 |
| Fan | Type | — | Centrifugal fan | Centrifugal fan | Centrifugal fan | Centrifugal fan | Centrifugal fan |
| | Quantity | — | 2 | 2 | 2 | 3 | 3 |
| | Diameter | mm | / | / | / | / | / |
| Fan motor | Model | — | YSK-10-4A | YSK-18-4 | YSK-25-4A | YSK-30-4A | YSK-30-4 |
| | Drive Type | — | AC asynchronous motor | AC asynchronous motor | AC asynchronous motor | AC asynchronous motor | AC asynchronous motor |
| | Speed (RPM)* | rpm | / | / | / | / | / |
| | Power Input | W | / | / | / | / | / |
| | Power Output | W | 10 | 18 | 25 | 30 | 30 |
| | Full Load Amp(FLA) | A | / | / | / | / | / |
| | Insulation class | — | B | B | B | B | B |
| Capacitor | uF | 1.6 | 1.8 | 2 | 2.5 | 3.5 | |
| Evaporator | Material | — | Inner grooved copper tube + Hydrophilic aluminum foil | Inner grooved copper tube + Hydrophilic aluminum foil | Inner grooved copper tube + Hydrophilic aluminum foil | Inner grooved copper tube + Hydrophilic aluminum foil | Inner grooved copper tube + Hydrophilic aluminum foil |
| | Face Area | m ² | / | / | / | / | / |
| | Pipe Diameter | mm | φ7 | φ7 | φ7 | φ7 | φ7 |
| | Number of rows | — | 3 | 3 | 3 | 3 | 3 |
| | Fins per Inch(FPI) | — | / | / | / | / | / |
| | Fin type | — | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium |
| Connecting pipe | Number of circuit | — | 4-in/4-out | 4-in/4-out | 4-in/4-out | 4-in/4-out | 4-in/4-out |
| | Gas Pipe | mm | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 |
| | Liquid Pipe | mm | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ15.88 |
| Connection method | — | Flared | Flared | Flared | Flared | Flared | |
| Drain pipe | External dia. | mm | DN20 | DN20 | DN20 | DN20 | DN20 |
| Outline dimension(Body) | | mm | 870*460*250 | 870*460*250 | 870*460*250 | 1180*495*290 | 1180*495*290 |
| Outline dimension(Panel) | | mm | 1070*520*33 | 1070*520*33 | 1070*520*33 | 1380*550*33 | 1380*550*33 |
| Package dimension(Body) | | mm | 1135*625*355 | 1135*625*355 | 1135*625*355 | 1445*655*395 | 1445*655*395 |
| Package dimension(Panel) | | mm | Integrated with the unit | Integrated with the unit | Integrated with the unit | Integrated with the unit | Integrated with the unit |
| Net Weight | Body | kg | 25 | 27 | 27 | 39 | 39 |
| | Panel | kg | Integrated with the unit | Integrated with the unit | Integrated with the unit | Integrated with the unit | Integrated with the unit |
| Gross weight | Body | kg | 27.5 | 29.5 | 29.5 | 42 | 42 |
| | Panel | kg | Integrated with the unit | Integrated with the unit | Integrated with the unit | Integrated with the unit | Integrated with the unit |
| Loading quantity | | 20' GP | | | | | |
| | | 40' GP | | | | | |
| | | 40' HQ | | | | | |

Notes:

1. Power supply: 220V/1Ph for 50Hz
2. The cooling condenser: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
3. The heating condenser: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.6°F) DB
4. Sound level: measured at point 1m in front of the unit at a height of 1.2m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

Ceiling & Floor



Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|-------------------|------------|----------|----------|
| / | / | Standard External | / | Standard | / |

Flexible installation, on the floor or on the ceiling

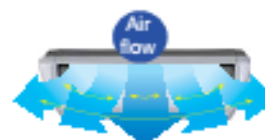
Automatic horizontal and vertical air flow



One sided access hole, easy for maintenance

Low noise and low energy consumption

Unequally spaced oblique angle large diameter through-flow fan is used to ensure strong air supply, lower fan speed and lower energy consumption



| Model | | | TMVX028A | TMVX036A | TMVX056A | TMVX071A | TMVX090A | TMVX112A | TMVX125A | TMVX140A |
|------------------------------|-------------------|---------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Capacity | Cooling | kW | 2.8 | 3.6 | 5.6 | 7.1 | 9.0 | 11.2 | 12.5 | 14.0 |
| | Heating | kW | 3.2 | 4.0 | 6.3 | 8.0 | 10.0 | 12.5 | 14.0 | 16.0 |
| Power supply | | V/Ph/Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz |
| Power input | | W | 48 | 62 | 85 | 120 | 156 | 210 | 240 | 240 |
| Air flow volume (H/M/L) | | m³/h | 450/300/280 | 600/480/370 | 800/700/570 | 1100/980/850 | 1470/1280/1080 | 1800/1500/1250 | 2000/1680/1350 | 2000/1680/1350 |
| Sound pressure level (H/M/L) | | dB(A) | 42/36/36 | 43/40/38 | 45/40/40 | 47/44/41 | 49/45/42 | 50/47/44 | 51/48/45 | 51/48/45 |
| Fan | Type | — | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal |
| Fan motor | Power output | W | 35 | 35 | 35 | 60 | 60 | 80 | 80 | 120 |
| | Insulation class | — | B | B | B | B | B | B | B | B |
| Connecting pipe | Liquid pipe | mm | φ6.35 | φ6.35 | φ6.35 | φ9.52 | φ9.52 | φ9.52 | φ9.52 | φ9.52 |
| | Gas pipe | mm | φ12.70 | φ12.70 | φ12.70 | φ15.88 | φ15.88 | φ15.88 | φ15.88 | φ15.88 |
| | Connection method | — | Flared | Flared | Flared | Flared | Flared | Flared | Flared | Flared |
| Drain pipe | External diameter | mm | φ25 | φ25 | φ25 | φ25 | φ25 | φ25 | φ25 | φ25 |
| Outline dimension | | mm | 965*673*243 | 965*673*243 | 965*673*243 | 1288*673*243 | 1288*673*243 | 1672*673*243 | 1672*673*243 | 1672*673*243 |
| Package dimension | | mm | 1000*756*383 | 1000*756*383 | 1000*756*383 | 1383*756*383 | 1383*756*383 | 1767*756*383 | 1767*756*383 | 1767*756*383 |
| Net weight | | kg | 28 | 28 | 30 | 40 | 40 | 45 | 45 | 45 |
| Gross weight | | kg | 31 | 31 | 33 | 43 | 43 | 48 | 48 | 48 |

Notes:

1. Power supply: 220V/1Ph for 50Hz
2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.6°F) DB
4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

Wall mounted



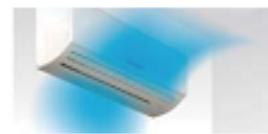
Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|-------------------|------------|----------|----------|
| / | Standard | Standard built-in | / | Standard | / |

Low noise design

Streamlined design with elegant appearance

The unit has elegant profile and various interiors. The newly designed louver can help with better air-flow diffusion of the conditioner, uniformly distributing air into the whole space in a comfortable way.



Air supply with wide air flow achieving more significant effect

The unique two-layered auto swing providing wider air supply range to optimize air flow compared to conventional units.



Fast heating providing a warm and comfortable environment

Optimized interior structure greatly increasing the temperature at air outlet to reach set temperature ASAP and realize fast heating.



Ultra-silent operation leading a quiet life

Brand-new highly efficient noise reduction motor built with the latest technology minimizing the noise of IDU; air duct designed with good sound insulation ensuring silent and smooth air supply.



| Model | | | TMVW028AB | TMVW036AB | TMVW048AB | TMVW056AB | TMVW063AB | TMVW071AB |
|----------------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Capacity | Cooling | kW | 2.8 | 3.6 | 4.0 | 5.6 | 6.3 | 7.1 |
| | Heating | kW | 3.0 | 4.3 | 4.5 | 6.0 | 7.1 | 8.0 |
| Power supply | | V/Ph/Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz |
| Power Input | | W | 65 | 65 | 70 | 70 | 82 | 82 |
| Air flow volume(HVFL) | | m ³ /h | 800/100/600 | 800/100/600 | 850/100/650 | 850/100/650 | 1200/650/800 | 1200/650/800 |
| Sound pressure level(HVFL) | | dB(A) | 40/36/32 | 40/36/32 | 45/41/35 | 45/41/35 | 48/45/38 | 48/45/38 |
| Fan Fan motor | Type | - | Cross-flow fan | Cross-flow fan | Cross-flow fan | Cross-flow fan | Cross-flow fan | Cross-flow fan |
| | Quantity | - | 1 | 1 | 1 | 1 | 1 | 1 |
| | Speed (HVFL) | rpm | 1100/1000/900 | 1100/1000/900 | 1100/1000/900 | 1100/1000/900 | 1100/1000/900 | 1100/1000/900 |
| | Power Input | W | 30 | 30 | 30 | 30 | 50 | 50 |
| | Insulation class | - | B | B | B | B | B | B |
| Connecting pipe | Liquid Pipe | mm | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 |
| | Gas Pipe | mm | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ15.88 | φ15.88 |
| | Connection method | | Flared | Flared | Flared | Flared | Flared | Flared |
| Drain pipe | External dia. | mm | DN20 | DN20 | DN20 | DN20 | DN20 | DN20 |
| Outline dimension | | mm | 970x315x235 | 970x315x235 | 970x315x235 | 970x315x235 | 1100x330x235 | 1100x330x235 |
| Package dimension | | mm | 1010x370x300 | 1010x370x300 | 1010x370x300 | 1010x370x300 | 1140x385x300 | 1140x385x300 |
| Net Weight | | kg | 13.5 | 13.5 | 14.5 | 14.5 | 16 | 16 |
| Gross weight | | kg | 17.5 | 17.5 | 18.5 | 18.5 | 20 | 20 |

Notes:

1. Power supply: 220V/1PH for 50Hz
2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.6°F) DB
4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

Standard duct



● Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|---------------------|---------------------|----------|----------|
| Standard | / | Standard (built-in) | Standard (built-in) | Standard | / |

● Simple design,short body,easy to install

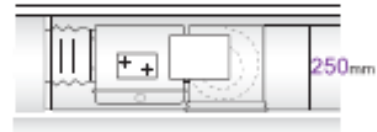
● Built-in drain pump,drain height can be 1200mm

Built-in with a fully-automatic drain pump. Pumping head is up to 1200mm, flexible for drainage pipe design.



● Simple design,short body,easy to install

Ultra-thin body with the thickness of only 250 mm installed in a concealed way to lift the height of the suspended ceiling, especially suitable for ceilings with narrow height of suspended ceilings



● Flexible air return ways

Flexible and diversified insulation designs providing options for back air return or lower air return based on the suspended ceilings at the site to perfectly coordinate with the interior decorations



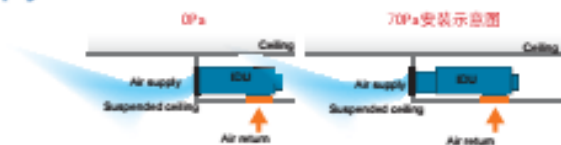
● Ultra quiet operation

The fan motor of delicate and compact design equipped with brand-new propeller housing with vibration absorption function delivering operating noise as low as 24dB(A) to satisfy rigorous noise requirements at different sites



● Wider range of static pressure and stronger air supply

The static pressure has three steps with the highest up to 70 Pa capable of direct delivery or connection with air duct. The flexible selection can create comfortable space



● Ultra Quiet Operation

The use of aerospace technology on 3D spiral fan blades with optimized air duct design reduces internal resistance of the unit and achieves ultra-quiet operation, creating a comfortable and pleasant environment.



| Model | | | TMDN022AB | TMDN025AB | TMDN028AB | TMDN032AB | TMDN036AB | TMDN040AB | TMDN045AB | TMDN050AB | TMDN056AB |
|-----------------------------|-------------------|---------|---------------|-----------|-----------|-------------|-----------|-----------|--------------|-----------|-----------|
| Capacity | Cooling | kW | 2.2 | 2.5 | 2.8 | 3.2 | 3.6 | 4.0 | 4.5 | 5.0 | 5.6 |
| | Heating | kW | 2.5 | 2.8 | 3.2 | 3.6 | 4.0 | 4.5 | 5.0 | 5.6 | 6.3 |
| Power supply | | V/Ph/Hz | 220V/1Ph/50Hz | | | | | | | | |
| Power Input | | W | 60 | | | 80 | | | 95 | | |
| Air flow volume(H/M/L) | | m3/h | 540/450/350 | | | 700/600/500 | | | 900/800/700 | | |
| ESP | | Pa | 15(0/30/50) | | | | | | | | |
| Sound pressure level(H/M/L) | | dB(A) | 32/28/24 | | | 34/31/28 | | | 36/33/30 | | 37/34/31 |
| Fan | Type | — | Centrifugal | | | | | | | | |
| Fan motor | Power Output | W | 25 | 25 | 25 | 40 | 40 | 40 | 50 | 50 | 55 |
| | Insulation class | — | B | B | B | B | B | B | B | B | B |
| Connecting pipe | Gas Pipe | mm | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ12.70 |
| | Liquid Pipe | mm | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 | φ6.35 |
| | Connection method | | Flared | Flared | Flared | Flared | Flared | Flared | Flared | Flared | Flared |
| Drain pipe | External diameter | mm | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 |
| Outline dimension | | mm | 880*515*250 | | | | | | 1050*515*250 | | |
| Package dimension | | mm | 1080*600*280 | | | | | | 1250*600*280 | | |
| Net Weight | | kg | 28 | | | | | | 31 | | 33 |
| Gross weight | | kg | 34 | | | | | | 37 | | 39 |

| Model | | | TMDN063AB | TMDN071AB | TMDN080AB | TMDN090AB | TMDN100AB | TMDN112AB | TMDN125AB | TMDN140AB | TMDN160AB |
|-----------------------------|-------------------|---------|---------------|---------------|---------------|----------------|----------------|-----------|-----------|-----------|-----------|
| Capacity | Cooling | kW | 6.3 | 7.1 | 8.0 | 9.0 | 10.0 | 11.2 | 12.5 | 14.0 | 16.0 |
| | Heating | kW | 7.1 | 8.0 | 9.0 | 10.0 | 11.2 | 12.5 | 14.0 | 16.0 | 18.0 |
| Power supply | | V/Ph/Hz | 220V/1Ph/50Hz | | | | | | | | |
| Power Input | | W | 95 | 144 | 170 | 230 | 303 | | | | |
| Air flow volume(H/M/L) | | m3/h | 900/800/700 | 1100/1000/900 | 1300/1150/950 | 1600/1400/1200 | 2000/1700/1400 | | | | |
| ESP | | Pa | 15(0/30/50) | 30(15/50/70) | | | 50(15/30/70) | | | | |
| Sound pressure level(H/M/L) | | dB(A) | 37/34/31 | 40/37/33 | | 42/39/35 | 44/41/39 | | | | |
| Fan | Type | — | Centrifugal | | | | | | | | |
| Fan motor | Power Output | W | 55 | 80 | 35+55 | 35+80 | 60+125 | | | | |
| | Insulation class | — | B | B | B | B | B | B | B | B | B |
| Connecting pipe | Gas Pipe | mm | φ12.70 | φ15.88 | | | | | | | |
| | Liquid Pipe | mm | φ6.53 | φ9.52 | | | | | | | |
| | Connection method | | Flared | | | | | | | | |
| Drain pipe | External diameter | mm | DN25 | | | | | | | | |
| Outline dimension | | mm | 1050*515*250 | 1350*515*250 | | | 1350*557*292 | | | | |
| Package dimension | | mm | 1250*600/280 | 1550*600*280 | | | 1550*640*320 | | | | |
| Net Weight | | kg | 33 | 38 | 43 | 43 | 48 | 48 | 48 | 48 | 48 |
| Gross weight | | kg | 39 | 45 | 50 | 50 | 56 | 56 | 56 | 56 | 56 |

Notes:

1. Power supply: 220V/1Ph for 50Hz
2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.6°F) DB
4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

Slim duct



● Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|---------------------|---------------------|----------|----------|
| Standard | / | Standard (built-in) | Standard (built-in) | Standard | / |

● Built-in drain pump, drain height can be 1200mm

Built-in with a fully-automatic drain pump. Pumping head is up to 1200mm, flexible for drainage pipe design.



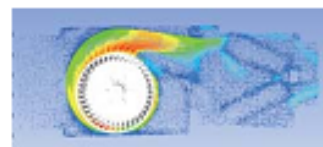
● Delicate design and compact body

Designed with 200 mm thickness, the body is lighter and the installation space required is smaller, making it suitable for more small space



● Ultra-silent design leading a quiet life

Use the brand-new CFD optimized duct and simulated fan blades to ensure softer air supply, and the auxiliary streamlined embedded foam drain pan lowers noise of eddy current to 23 dB, equal to the normal human breathing sound, bringing you a naturally quiet home.



● Flexible air return

The air return plenum as standard configuration may change air return mode based on the actual circumstances at the site to enable more flexible air return.



● Unique PM2.5 and formaldehyde purification solution

PM2.5 and formaldehyde filters are optional to provide super-clean indoor environment.



| Model | | | TMDN022AC | TMDN025AC | TMDN028AC | TMDN032AC | TMDN036AC | TMDN040AC |
|----------------------------|-------------------|-------------------|---------------|-----------|-----------|-------------|-----------|-----------|
| Capacity | Cooling | kW | 2.2 | 2.5 | 2.8 | 3.2 | 3.6 | 4.0 |
| | Heating | kW | 2.5 | 2.8 | 3.2 | 3.6 | 4.0 | 4.5 |
| Power supply | | V/Ph/Hz | 220V/1Ph/50Hz | | | | | |
| Power Input | | W | 54 | | | 55 | | |
| Air flow volume(HMFL) | | m ³ /h | 500/370/310 | | | 560/430/360 | | |
| ESP | | Pa | 10(30) | | | | | |
| Sound pressure level(HMFL) | | dB(A) | 33/28/23 | | | 33/28/24 | | |
| Fan | Type | — | Centrifugal | | | | | |
| Fan motor | Power Output | W | 26 | 26 | 26 | 26 | 26 | 26 |
| | Insulation class | — | B | B | B | B | B | B |
| Connecting pipe | Gas Pipe | mm | φ6.35 | | | | | |
| | Liquid Pipe | mm | φ9.52 | | | φ12.7 | | |
| | Connection method | | Flared | | | | | |
| Drain pipe | External diameter | mm | φ25 | | | | | |
| Outline dimension | | mm | 700*450*200 | | | | | |
| Package dimension | | mm | 931*543*255 | | | | | |
| Net Weight | | kg | 17.5 | | | | | |
| Gross weight | | kg | 20.5 | | | | | |

| Model | | | TMDN045AC | TMDN050AC | TMDN056AC | TMDN063AC | TMDN071AC |
|----------------------------|-------------------|-------------------|---------------|-----------|-----------|-------------|--------------|
| Capacity | Cooling | kW | 4.5 | 5.0 | 5.6 | 6.3 | 7.1 |
| | Heating | kW | 5.0 | 5.6 | 6.3 | 7.1 | 8.0 |
| Power supply | | V/Ph/Hz | 220V/1Ph/50Hz | | | | |
| Power Input | | W | 77 | | | 100 | 105 |
| Air flow volume(HMFL) | | m ³ /h | 750/620/550 | | | 920/710/590 | 1000/800/680 |
| ESP | | Pa | 10(30) | | | | |
| Sound pressure level(HMFL) | | dB(A) | 35/30/28 | | | 36/32/28 | 37/32/29 |
| Fan | Type | — | Centrifugal | | | | |
| Fan motor | Power Output | W | 40 | | | 60 | |
| | Insulation class | — | B | B | B | B | B |
| Connecting pipe | Gas Pipe | mm | φ6.35 | | | φ9.52 | |
| | Liquid Pipe | mm | φ12.7 | | | φ15.88 | |
| | Connection method | | Flared | | | | |
| Drain pipe | External diameter | mm | φ25 | | | | |
| Outline dimension | | mm | 920*450*200 | | | | |
| Package dimension | | mm | 1151*543*255 | | | | |
| Net Weight | | kg | 20.5 | | | | |
| Gross weight | | kg | 21 | | | | |

Notes:

1. Power supply: 220V/1PH for 50Hz
2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.8°F) DB
4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

High ESP duct



Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|---------------------|------------|----------|----------|
| Standard | Standard | Standard (Built-in) | / | Standard | / |

High static pressure enabling far air supply

The external static pressure reaches 100 pa, making it possible to connect long air duct to realize long distance air supply, especially suitable for scenarios needing air supply by long air ducts.



Various air supply modes suitable for different room types

Choosing different air supply modes as per room structure, one IDU of air conditioner can meet the diversified space requirements.



Intake fresh air to improve air quality

Small amount of outdoor fresh air can be introduced through the air duct to ensure the quality of room air.



Industry-leading with low noise operation

Brand-new noise reduction technology effectively reducing noises of the unit to provide quiet and pleasant environment.

| Model | | | TMDH105AB | TMDH112AB | TMDH125AB | TMDH140AB |
|----------------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|
| Capacity | Cooling | kW | 10.0 | 11.2 | 12.5 | 14.0 |
| | Heating | kW | 11.2 | 12.5 | 14.0 | 16.0 |
| Power supply | | VPh/Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz |
| Power input | | W | 400 | 430 | 500 | 550 |
| Air flow volume (HML) | | m ³ /h | 1800/1450/1050 | 2000/1600/1300 | 2250/1800/1450 | 2700/2150/1750 |
| ESP | | Pa | 50(100) | 50(100) | 50(100) | 50(100) |
| Sound pressure level (HML) | | dB(A) | 49/46/42 | 49/46/42 | 51/47/43 | 51/47/43 |
| Fan | Type | — | Centrifugal | Centrifugal | Centrifugal | Centrifugal |
| | Quantity | — | 2 | 2 | 2 | 2 |
| Fan motor | Power output | W | 200 | 200 | 250 | 250 |
| | Insulation class | — | B | B | B | B |
| Connecting pipe | Liquid pipe | mm | φ9.52 | φ9.52 | φ9.52 | φ9.52 |
| | Gas pipe | mm | φ15.88 | φ15.88 | φ15.88 | φ15.88 |
| | Connection method | | — | Flared | Flared | Flared |
| Drain pipe | External diameter | mm | φ25 | φ25 | φ25 | φ25 |
| | Outline dimension | | mm | 1200*750*390 | 1200*750*390 | 1200*750*390 |
| Package dimension | | mm | 1270*820*430 | 1270*820*430 | 1270*820*430 | 1270*820*430 |
| Net weight | | kg | 62 | 62 | 62 | 62 |
| Gross weight | | kg | 65 | 65 | 65 | 65 |

Notes:

1. Power supply: 220V/1Ph for 50Hz
2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.8°F) DB
4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

Big capacity duct



Accessories

| Plenum box | Air filter | EXV | Drain pump |
|------------|------------|---------------------|------------|
| / | Standard | Standard (built-in) | / |

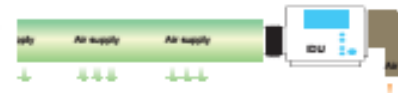
Labyrinth patent design, air leakage rate lower to 0.029%

TICA obtained the patent for its first invention - labyrinth structure air handling unit in 1998. Since then, opening up a new chapter for AHU in China. TICA's high-capacity duct type IDU is designed with this patent. The junction part of the unit uses aluminum profile with a concave groove and a convex groove and is secured with bolts and nuts to form a labyrinth sealing structure, achieving the air leakage rate as low as 0.029% - only 1/66 of the air leakage rate allowed in the national standard and realizing lower operating costs.



300Pa high static pressure, suitable for large space

TICA's high-capacity duct IDU has the static pressure up to 300 Pa, making it possible to connect extra long air duct to realize long distance air supply as high as reaching the suspended space, suitable for high reaching space at individual building below 20,000 square meters and partial high reaching space.



Robust double-wall design eliminating cold bridge condensate

All the metal parts in the cabinet of AHU are isolated from outside metal parts using polyurethane foam and specially designed sealing strips, avoiding the thermal insulation strips attached inside the common product to prevent condensation, eliminating water dripping at the cold bridge and lowering the noise of the unit.



Purification section as optional

| Model | | TMDH0001 | TMDH250E | TMDH025E | TMDH400E | TMDH500E | TMDH500E | TMDH500E | TMDH600E |
|---------------------------|--------------------|----------|---------------------------|---------------------------|---|---|---|---|---|
| Capacity | Cooling | kW | 20 | 25 | 33.5 | 40 | 45 | 50 | 56 |
| | Heating | kW | 22.4 | 27 | 37.5 | 45 | 50 | 56 | 63 |
| Power supply | | V/Ph/Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz |
| Power Input | | W | 1100 | 1100 | 2200 | 2200 | 3000 | 3000 | 3000 |
| Air flow volume(MML) | | m³/h | 4000 | 4000 | 7000 | 7000 | 9000 | 9000 | 10000 |
| | | CFM | 2353 | 2353 | 4118 | 4118 | 5294 | 5294 | 5882 |
| ESP | | Pa | 200 | 200 | 250 | 250 | 250 | 250 | 300 |
| Sound pressure level(MML) | | dB(A) | 54 | 54 | 55 | 55 | 57 | 57 | 59 |
| Fan | Type | - | Centrifugal fan | Centrifugal fan | Centrifugal fan | Centrifugal fan | Centrifugal fan | Centrifugal fan | Centrifugal fan |
| | Quantity | - | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| Fan motor | Model | - | DW6-60N02.5(0.55-4) | DW6-60N02.5(0.55-4) | TL0201-1A042-1AA 100L-4 2.2kW IP55 F 380V50 | TL0201-1A042-1AA 100L-4 2.2kW IP55 F 380V50 | TL0201-1A052-1AA 100L-4 3kW IP55 F 380V50 | TL0201-1A052-1AA 100L-4 3kW IP55 F 380V50 | TL0201-1A052-1AA 100L-4 3kW IP55 F 380V50 |
| | Motor Type | - | AC motor | AC motor | AC motor | AC motor | AC motor | AC motor | AC motor |
| | Speed (RMINLY) | rpm | / | / | / | / | / | / | / |
| | Power Output | W | / | / | / | / | / | / | / |
| | Insulation class | - | B | B | B | B | B | B | B |
| | Capacitor | uF | / | / | / | / | / | / | / |
| Evaporator | Material | - | Inner grooved copper tube | Inner grooved copper tube | Inner grooved copper tube | Inner grooved copper tube | Inner grooved copper tube | Inner grooved copper tube | Inner grooved copper tube |
| | Pipe Diameter | mm | φ7 | φ7 | φ7 | φ7 | φ7 | φ7 | φ7 |
| | Number of rows | - | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| | Fins per Inch(FPI) | - | 14FPI | 14FPI | 14FPI | 14FPI | 14FPI | 14FPI | 14FPI |
| | Fin type | - | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum |
| Connecting pipe | Number of circuits | - | / | / | / | / | / | / | / |
| | Liquid Pipe | mm | φ12.7 | φ12.7 | φ15.88 | φ15.88 | φ15.88 | φ15.88 | φ19.05 |
| | Gas Pipe | mm | φ22.23 | φ22.23 | φ28.60 | φ28.60 | φ28.60 | φ28.60 | φ31.80 |
| Connection method | - | Welding | Welding | Welding | Welding | Welding | Welding | Welding | |
| Drain pipe | External dia. | mm | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 |
| | Outline dimension | mm | 1440*900*590 | 1440*960*590 | 1890*1000*800 | 1890*1000*800 | 1890*1000*800 | 1890*1000*800 | 2300*1000*840 |
| Package dimension | | mm | 1440*900*750 | 1440*960*750 | 1890*1000*900 | 1890*1000*900 | 1890*1000*900 | 1890*1000*900 | 2300*1000*900 |
| Net Weight | | kg | 100 | 100 | 200 | 200 | 200 | 200 | 260 |
| Gross weight | | kg | 105 | 105 | 205 | 205 | 205 | 205 | 265 |
| Controller | Standard | - | Wired controller | Wired controller | Wired controller | Wired controller | Wired controller | Wired controller | Wired controller |

- Notes:
- Power supply: 220V/1PH for 50Hz;
 - The cooling condenser: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
 - The heating condenser: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.6°F) DB
 - Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 - The above data may be changed without notice for future improvement on quality and performance.

Fresh air Processor



● Accessories

| Plenum box | Air filter | EXV | Drain pump | AC motor | DC Motor |
|------------|------------|---------------------|------------|----------|----------|
| / | Standard | Standard (built-in) | / | Standard | / |

● 300Pa high static pressure, suitable for large space



● Flexible air outlet

● Automatic fresh air introduction, improve room air quality



| Model | | TMDF 120A-020 | TMDF 175A-022 | TMDF 210A-020 | TMDF 250A-015 | TMDF 250A-020 | TMDF 250A-030 | TMDF 300A-020 | TMDF 400A-020 | TMDF 400A-030 | TMDF 500A-020 | TMDF 500A-030 | TMDF 600A-020 | TMDF 600A-030 |
|----------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Capacity | Cooling | 14.0 | 25.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 45.0 | 45.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| | Heating | 10.0 | 14.0 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 28.0 | 28.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| Power supply | V/Ph/Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz | 380V/3N/50Hz |
| Power input | W | 330 | 630 | 700 | 480 | 560 | 790 | 750 | 880 | 1290 | 1000 | 1400 | 1350 | 1700 |
| Air flow volume | m ³ /h | 1200 | 1750 | 2100 | 2500 | 2500 | 2500 | 3000 | 4000 | 4000 | 5000 | 5000 | 6000 | 6000 |
| ESP | Pa | 200 | 220 | 200 | 150 | 200 | 300 | 200 | 200 | 300 | 200 | 300 | 200 | 300 |
| Sound pressure level | dB(A) | 49 | 49 | 49 | 52 | 55 | 58 | 56 | 59 | 62 | 62 | 65 | 62 | 65 |
| Fan | Type | — | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal | Centrifugal |
| | Power input | W | 330 | 630 | 700 | 480 | 560 | 790 | 750 | 880 | 1290 | 1000 | 1400 | 1350 |
| Fan motor | Insulation class | — | B | B | B | B | B | B | B | B | B | B | B | B |
| | Liquid pipe | mm | φ9.52 | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ12.70 | φ15.88 | φ15.88 | φ15.88 | φ15.88 |
| Connecting pipe | Gas pipe | mm | φ15.88 | φ22.23 | φ22.23 | φ22.23 | φ22.23 | φ22.23 | φ22.23 | φ28.58 | φ28.58 | φ28.58 | φ28.58 | φ28.58 |
| | Connection method | mm | Welding | Welding | Welding | Welding | Welding | Welding | Welding | Welding | Welding | Welding | Welding | Welding |
| Drain pipe | External diameter | mm | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 | DN25 |
| Outline dimension | mm | 1200*750*390 | 1300*820*500 | 1300*820*500 | 1300*820*500 | 1300*820*500 | 1300*820*500 | 1300*820*500 | 1650*850*665 | 1650*850*665 | 2000*850*665 | 2000*850*665 | 2000*850*665 | 2000*850*665 |
| Package dimension | mm | 1260*760*400 | 1360*830*510 | 1360*830*510 | 1360*830*510 | 1360*830*510 | 1360*830*510 | 1360*830*510 | 1767.5*940*848 | 1767.5*940*848 | 2117.5*940*848 | 2117.5*940*848 | 2117.5*940*848 | 2117.5*940*848 |
| Net weight | kg | 60 | 75 | 75 | 75 | 75 | 75 | 75 | 140 | 140 | 165 | 165 | 165 | 165 |
| Gross weight | kg | 65 | 80 | 80 | 80 | 80 | 80 | 80 | 160 | 160 | 185 | 185 | 185 | 185 |

Notes:

1. Power supply: 220V/1PH for 50Hz
2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.6°F) DB
4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

