

# **TOSOT**

## **PRODUCT LINE-UP 2025**

**RESIDENTIAL & COMMERCIAL HVAC PRODUCTS  
DUCTLESS MINI SPLIT HEAT PUMPS &  
AIR CONDITIONING SYSTEMS**



**[TOSOTCOMFORT.COM](http://TOSOTCOMFORT.COM)**

# BRAND PROFILE

TOSOT is an HVAC equipment brand fully owned, manufactured and developed by Gree Electric Appliances, a world-famous home appliances enterprise.

Supported by Gree's powerful R&D strength and innovative industrial spirit, TOSOT has got a complete industry chain of residential air conditioners, central air conditioners and compressors, etc. All TOSOT products are released to global consumers simultaneously with Gree products.

Gree Electric Appliances Company, as the world's largest specialized air conditioning listed enterprise integrating R&D, manufacturing, marketing and service, has 7 production bases in China (Zhuhai, Chongqing, Hefei, Zhengzhou, Wuhan, Shijiazhuang, Wuhu), another 2 in Brazil and Pakistan, with more than 70,000 employees. In 2013, Gree's sales revenue exceeded 19 billion USD. Gree has been ranked on the Fortune Magazine as one of the Top 100 Chinese listed companies for 12 consecutive years. Gree-made air conditioners are sold in over 100 countries and regions.

Since 2005, TOSOT has access to the international market and enjoyed a good reputation. By 2014, TOSOT has built up a high-end brand image in dozens of countries in Asia, Europe, Americas, Africa, etc., and gained an advantage in market share. Relying on technology innovation, TOSOT endeavors to improve quality and service, providing a better living solution and user experience. TOSOT, made in China, loved by the world.



GREE's headquarter in Zhuhai, China

# PRODUCT FEATURES



## Turbo Cooling

Press "Turbo" button on remote controller to enjoy a larger air flow, which enables the indoor temperature to reach the set temp in a shorter time.



## 4-Way Air Outlet

The louver can be vertically or horizontally adjusted so as to maximize comfort in the room.



## Low Noise

Indoor Units noise lowers to 21dB(A), making you feel like staying on the Moon.



## 7-Fan Speeds

From super low to turbo, choose desired air flow.



## Intelligent Defrosting

- Maximize warm comfort with shorter defrosting time.
- Traditional defrosting works by setting time.  
E.g. defrosting process is on for 10 mins for every 50mins.
- Gree I-Defrosting is only performed when needed, which reduces energy waste by eliminating the unnecessary defrosting process.



## 3 Sleep Curves

- **Mode 1:** Indoor temperature automatically rises (when cooling) or drops (when heating).
- **Mode 2:** Featuring unique refreshment function, the temperature is automatically adjusted to be a little lower before you wake up.
- **Mode 3:** You could design your own sleep curve under DIY mode.



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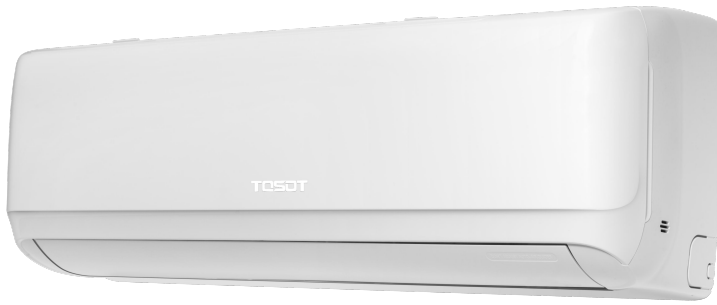
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# SINGLE ZONE SYSTEMS

UP TO 20.5 SEER2



Timer



Auto Clean



Automatic Operation



LED Display



Intelligent Defrosting



Compact Design



Clock Display



Turbo Button



Comfortable Sleep Mode



Cold Air Prevention



Self-Diagnosis



Auto Restart



Lock



-4°F Cooling



I Feel



Healthy Filters



Golden Fin

## FEATURES

○ Standard ● Optional



## WARRANTY

### 10 year

limited parts warranty

### 10 year

limited compressor warranty

- HIGH EFFICIENCY, UP TO 20.5 SEER2 / 8.8 HSPF2
- SLEEK LOOK TO BLEND WITH YOUR DECOR
- PRECISE AIRFLOW CONTROL
- BUILT-IN WIFI
- AUTO-CLEAN FUNCTION

|          |             |
|----------|-------------|
| Capacity | 9k - 36k    |
| Voltage  | 115v / 220v |
| HSPF     | 8.5 - 8.8   |
| EER2     | 9.8 - 12.5  |
| SEER2    | 19.0 - 21.0 |

- G10 inverter technology
- I-Feel function
- Multiple fan speeds
- Sleep Function
- Acrylic resin coil coating
- Dehumidification
- Intelligent Preheating

- Automatic voltage adaption
- Low voltage start-up
- Self-diagnosis
- Swing louver control
- LED display settings
- Privacy lock mode
- Auto Clean

- Cooling range: 0°F - 118°F
- Heating range: -13 °F - 75°F

| Model                          |           | TWH09AT19D6D                   | TWH12AT19D6D                   | TWH18AT19D6D                   | TWH24AT19D6D                   | TWH36AT19D6D                  |
|--------------------------------|-----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|
| Power Supply                   | -         | 208-230 / 1Ph / 60Hz           |                                |                                |                                |                               |
| Refrigerant Type               | -         | R32                            | R32                            | R32                            | R32                            | R32                           |
| Cooling Capacity               | Btu/h     | 9,100                          | 12,000                         | 18,000                         | 22,000                         | 33,600                        |
| Heating Capacity               | Btu/h     | 10,000                         | 12,000                         | 19,100                         | 24,000                         | 34,000                        |
| Cooling (Min - Max)            | Btu/h     | 2,388 - 10,300                 | 3,070 - 13,300                 | 3,753 - 20,300                 | 5,800 - 26,270                 | 19,001 - 39,380               |
| Heating (Min - Max)            | Btu/h     | 2,217 - 13,136                 | 3,070 - 14,600                 | 2,730 - 22,500                 | 5,400 - 26,600                 | 16,540 - 38,419               |
| Cooling Current                | A         | 6.5                            | 7.02                           | 9.5                            | 11                             | 20                            |
| Heating Current                | A         | 7                              | 7.47                           | 9.5                            | 12                             | 20                            |
| EER2                           | (Btu/h)/W | 12.5                           | 9.8                            | 12.4                           | 11.9                           | 10.6                          |
| COP @5°F                       | (Btu/h)/W | 3.8                            | 3.5                            | 3.9                            | 3.6                            | 1.8                           |
| SEER2                          | -         | 20.5                           | 19.0                           | 20.0                           | 19.0                           | 21.0                          |
| HSPF                           | -         | 8.8                            | 8.5                            | 8.5                            | 8.5                            | 8.5                           |
| MCA                            | A         | 10                             | 12                             | 13                             | 15                             | 23                            |
| MOCP                           | A         | 15                             | 15                             | 15                             | 20                             | 35                            |
| Suggested Breaker Size         | A         | 10                             | 15                             | 15                             | 15                             | 25                            |
| Main Power Wire Size           | AWG       | Per Local Code                 | Per Local Code                 | Per Local Code                 | Per Local Code                 | Per Local Code                |
| Interconnecting Wire Size      | AWG       | 14/4                           | 14/4                           | 14/4                           | 14/4                           | 14/4                          |
| Indoor Unit Model              |           | TWH09AT19D6DI                  | TWH12AT19D6DI                  | TWH18AT19D6DI                  | TWH24AT19D6DI                  | TWH36AT19D6DI                 |
| Fan Type                       | -         | Cross-flow                     | Cross-flow                     | Cross-flow                     | Cross-flow                     | Cross-flow                    |
| Air Flow Volume                | CFM       | 159 - 353                      | 182 - 424                      | 282 - 618                      | 412 - 677                      | 441 - 794                     |
| Dehumidifying Volume           | Pint/D    | 1.69                           | 2.96                           | 3.80                           | 5.28                           | 7.40                          |
| Sound Pressure Level           | dB(A)     | 24 - 41                        | 27 - 47                        | 34 - 53                        | 36 - 51                        | 36 - 52                       |
| Indoor Unit Dimension (WxHxD)  | in        | 32-7/8 x 10-53/64 x 7-7/8      | 32-7/8 x 10-53/64 x 7-7/8      | 37-1/8 x 13-7/64 x 9-11/16     | 42-7/16 x 13-7/64 x 9-11/16    | 42-7/16 x 13-7/64 x 9-11/16   |
| Package Dimension (WxHxD)      | in        | 35-15/64 x 13-37/64 x 10-43/64 | 35-15/64 x 13-37/64 x 10-43/64 | 39-13/32 x 15-15/16 x 12-43/64 | 40-5/8 x 29-1/64 x 17-61/64    | 44-39/64 x 16-19/64 x 13-7/64 |
| Net Weight                     | lb        | 19.8                           | 19.8                           | 28.7                           | 33.1                           | 34.2                          |
| Gross Weight                   | lb        | 24.3                           | 24.3                           | 34.2                           | 39.7                           | 40.8                          |
| Line Set Size (Liquid - Gas)   | in        | 1/4 - 3/8                      | 1/4 - 3/8                      | 1/4 - 1/2                      | 1/4 - 5/8                      | 1/4 - 5/8                     |
| Pipe Length (Min - Max)        | ft        | 10 - 66                        | 10 - 66                        | 10 - 82                        | 10 - 131                       | 10 - 131                      |
| Max Pipe Elevation             | ft        | 40                             | 40                             | 33                             | 82                             | 82                            |
| Outdoor Unit Model             |           | TWH09AT19D6DO                  | TWH12AT19D6DO                  | TWH18AT19D6DO                  | TWH24AT19D6DO                  | TWH36AT19D6DO                 |
| Power Supply                   |           | 208-230 / 1Ph / 60Hz           |                                |                                |                                |                               |
| Sound Pressure Level           | dB(A)     | 51                             | 52                             | 57                             | 58                             | 62                            |
| Outdoor Unit Dimension (WxHxD) | in        | 28-13/16 x 21-7/8 x 12-63/64   | 28-13/16 x 21-7/8 x 12-63/64   | 31-37/64 x 21-27/32 x 13-25/32 | 37-23/32 x 25-63/64 x 15-53/64 | 39-3/8 x 29-3/8 x 15-13/16    |
| Package Dimension (WxHxD)      | in        | 31-17/64 x 24-7/32 x 14-51/64  | 31-17/64 x 24-7/32 x 14-51/64  | 34-21/64 x 24-13/32 x 15-43/64 | 40-5/8 x 29-1/64 x 17-61/64    | 42-33/64 x 31-57/64 x 19-1/64 |
| Net Weight                     | lb        | 52.9                           | 56.2                           | 70.6                           | 93.7                           | 122.4                         |
| Gross Weight                   | lb        | 58.4                           | 61.7                           | 76.1                           | 103.6                          | 133.4                         |

| Model                          |                      | TWH09AT19A6A                   | TWH12AT19A6A                   |
|--------------------------------|----------------------|--------------------------------|--------------------------------|
| Refrigerant Type               | -                    | R32                            | R32                            |
| Cooling Capacity               | Btu/h                | 9,100                          | 12,000                         |
| Heating Capacity               | Btu/h                | 10,000                         | 12,000                         |
| Cooling (Min - Max)            | Btu/h                | 8,428 - 14,522                 | 8,650 - 14,904                 |
| Heating (Min - Max)            | Btu/h                | 6,916 - 13,300                 | 7,154 - 14,600                 |
| Cooling Current                | A                    | 12.5                           | 14.34                          |
| Heating Current                | A                    | 15.4                           | 14.64                          |
| EER2                           | (Btu/h)/W            | 11.9                           | 9.3                            |
| COP @5°F                       | (Btu/h)/W            | 1.86                           | 1.75                           |
| SEER2                          | -                    | 20.5                           | 19.0                           |
| HSPF                           | -                    | 8.8                            | 8.5                            |
| MCA                            | A                    | 19                             | 10                             |
| MOCP                           | A                    | 20                             | 19                             |
| Suggested Breaker Size         | A                    | 10                             | 20                             |
| Main Power Wire Size           | AWG                  | Per Local Code                 | Per Local Code                 |
| Interconnecting Wire Size      | AWG                  | 14/4                           | 14/4                           |
| Indoor Unit Model              |                      | TWH09AT19A6AI                  | TWH12AT19A6AI                  |
| Fan Type                       | -                    | Cross-flow                     | Cross-flow                     |
| Air Flow Volume                | CFM                  | 159 - 353                      | 182 - 424                      |
| Dehumidifying Volume           | Pint/D               | 1.69                           | 1.69                           |
| Sound Pressure Level           | dB(A)                | 24 - 43                        | 27 - 47                        |
| Indoor Unit Dimension (WxHxD)  | in                   | 32-7/8 × 10-53/64 × 7-7/8      | 32-7/8 × 10-53/64 × 7-7/8      |
| Package Dimension (WxHxD)      | in                   | 35-15/64 × 13-37/64 × 10-43/64 | 35-15/64 × 13-37/64 × 10-43/64 |
| Net Weight                     | lb                   | 19.8                           | 19.8                           |
| Gross Weight                   | lb                   | 24.3                           | 24.3                           |
| Line Set Size (Liquid - Gas)   | in                   | 1/4 - 3/8                      | 1/4 - 3/8                      |
| Pipe Length (Min - Max)        | ft                   | 10 - 66                        | 10 - 66                        |
| Max Pipe Elevation             | ft                   | 40                             | 40                             |
| Outdoor Unit Model             |                      | TWH09AT19A6AO                  | TWH12AT19A6AO                  |
| Power Supply                   | 208-230 / 1Ph / 60Hz |                                |                                |
| Sound Pressure Level           | dB(A)                | 51                             | 52                             |
| Outdoor Unit Dimension (WxHxD) | in                   | 28-13/16 x 21-7/8 x 12-63/64   | 28-13/16 x 21-7/8 x 12-63/64   |
| Package Dimension (WxHxD)      | in                   | 31-17/64 x 24-7/32 x 14-51/64  | 31-17/64 x 24-7/32 x 14-51/64  |
| Net Weight                     | lb                   | 55.1                           | 58.4                           |
| Gross Weight                   | lb                   | 60.6                           | 63.6                           |

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# MULTI ZONE CONDENSER



Timer



Auto Clean



Automatic Operation



LED Display



Intelligent Defrosting



Compact Design



Clock Display



Turbo Button



Comfortable Sleep Mode



Cold Air Prevention



Self-Diagnosis



Auto Restart



Lock



-4°F Cooling



I Feel



Healthy Filters



Golden Fin



Wired Controller

## FEATURES

○ Standard ● Optional



## WARRANTY

### 10 year

limited parts warranty

### 10 year

limited compressor warranty

- HIGH EFFICIENCY, UP TO 21 SEER2 / 10 HSPF2
- HEAT AND COOL UP TO 5 ZONES WITH ONE OUTDOOR UNIT
- 5 UNIQUE OPTIONS FOR INDOOR UNIT
- IDEAL FOR RESIDENTIAL AND COMMERCIAL SPACES

|            |           |
|------------|-----------|
| Capacity   | 18k - 42k |
| Voltage    | 230 V     |
| HSPF       | 10        |
| SEER/SEER2 | 21        |
| Zones      | 2 - 5     |

- G10 inverter technology
- Sounds level down to 54 dB(A) on outdoor unit
- Self-diagnosis

- Indoor units powered by outdoor unit
- Intelligent defrost
- Automatic voltage adaptation
- Small installation footprint

- Cooling range: -22°F - 118°F
- Heating range: -22°F - 75.2°F

| Model                          |       | TM18D6MO                       | TM24D6MO                       | TM30D6MO                       | TM36D6MO                       | TM42D6MO                       |
|--------------------------------|-------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Power Supply                   | -     | 208-230 / 1Ph / 60Hz           |                                |                                |                                |                                |
| Cooling Temperature Range      | °F    | -22 - 118                      | -22 - 118                      | -22 - 118                      | -22 - 118                      | -22 - 118                      |
| Heating Temperature Range      | Btu/h | -22 - 75                       | -22 - 75                       | -22 - 75                       | -22 - 75                       | -22 - 75                       |
| Sound Pressure Level           | dB(A) | 54                             | 58                             | 62                             | 62                             | 63                             |
| Outdoor Unit Dimension (WxHxD) | in    | 32-23/64 x 21-42/64 x 13-55/64 | 37-61/64 x 25-63/64 x 15-53/64 | 40-10/64 x 32-33/64 x 16-52/64 | 40-10/64 x 32-33/64 x 16-52/64 | 40-10/64 x 32-33/64 x 16-52/64 |
| Package Dimension (WxHxD)      | in    | 34-21/64 x 24-13/32 x 15-43/64 | 40-5/8 x 29-1/64 x 17-61/64    | 43-1/32 x 34-27/32 x 19-9/16   | 43-1/32 x 34-27/32 x 19-9/16   | 43-1/32 x 34-27/32 x 19-9/16   |
| Net Weight                     | lb    | 75.0                           | 112.5                          | 145.5                          | 176.4                          | 178.6                          |
| Gross Weight                   | lb    | 81.6                           | 122.4                          | 161.0                          | 189.6                          | 191.8                          |
| Pre-Charge Length              | ft    | 33                             | 98                             | 131                            | 131                            | 164                            |
| Pipe Length (Min - Max)        | ft    | 10 - 131                       | 10 - 197                       | 10 - 263                       | 10 - 263                       | 10 - 328                       |
| Voltage Range (Min - Max)      | VAC   | 187 - 253                      | 187 - 253                      | 187 - 253                      | 187 - 253                      | 187 - 253                      |
| Cooling Rated Current          | A     | 11                             | 14                             | 20                             | 21.7                           | 21.7                           |
| Heating Rated Current          | A     | 11                             | 14.8                           | 21.7                           | 22.6                           | 22.6                           |
| MOCP                           | A     | 20                             | 25                             | 35                             | 35                             | 35                             |
| Suggest Breaker Size           | A     | 20                             | 20                             | 25                             | 30                             | 30                             |
| Interconnecting Wire Size      | AWG   | 14/4                           | 14/4                           | 14/4                           | 14/4                           | 14/4                           |

MULTI ZONE

INDOOR - EIGHT-WAY CEILING CASSETTE



- Timer
- High Efficiency
- Comprehensive Protection
- Easier Maintainability
- Intelligent Defrosting
- Compact Design
- Inner Groove Copper
- Turbo Button
- Wide Operation Range
- Self-Diagnosis
- Memory Function
- Lock
- Low Voltage Range
- Wide Voltage Range
- Weekly Timer
- Centralized Control
- Long Distance Monitoring
- Wired Controller

FEATURES    ○ Standard    ● Optional



WARRANTY

10 year

limited parts warranty

10 year

limited compressor warranty

- TOSOT's ceiling cassette will inconspicuously provide quiet performance through innovative design.
- The ceiling cassette is suitable for any room and can be easily installed in a suspended ceiling with only a discreet decorative discharge grille visible.

|          |             |
|----------|-------------|
| Capacity | 9k - 18k    |
| Voltage  | 208 - 230 V |

- 4-Way discharge air
- Multiple fan speeds
- Automatic voltage adaption
- Swing louver control
- Internal condensate drain pump
- Sentry float switch
- Refrigerant sensor
- Anti-corrosion Fins

| Model                         |                                                | TM09D6ECI                      | TM12D6ECI                     | TM18D6ECI                      | TM24D6ECI                     |
|-------------------------------|------------------------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|
| SYSTEM RATINGS                |                                                |                                |                               |                                |                               |
| Cooling Capacity              | Btu/h                                          | 9,100                          | 12,000                        | 18,000                         | 22,000                        |
| Heating Capacity              | Btu/h                                          | 10,500                         | 12,000                        | 18,000                         | 24,000                        |
| Air Flow (Min-Max)            | CFM                                            | 206 - 330                      | 206 - 330                     | 206 - 383                      | 440 - 560                     |
| Sound Pressure Level          | dB(A)                                          | 29 - 40                        | 29 - 40                       | 30 - 44                        | 39 - 45                       |
| Dehumidification              | pt/hr                                          | 2.96                           | 2.96                          | 3.80                           | 5.28                          |
| Indoor Unit Dimension (WxHxD) | in                                             | 22-7/16 × 22-7/16 × 10-7/16    | 24-13/32 × 24-13/32 × 1-7/8   | 22-7/16 × 22-7/16 × 10-7/16    | 37-13/32 × 37-13/32 × 2-3/64  |
| Package Dimension (WxHxD)     | in                                             | 27-31/64 × 25-45/64 × 11-39/64 | 27-19/32 × 27-19/32 × 4-59/64 | 27-31/64 × 25-45/64 × 11-39/64 | 40-43/64 × 40-55/64 × 4-13/32 |
| Net Weight                    | lb                                             | 37.5                           | 37.5                          | 37.5                           | 63.9                          |
| Gross Weight                  | lb                                             | 48.5                           | 48.5                          | 48.5                           | 83.8                          |
| ELECTRICAL RATINGS            |                                                |                                |                               |                                |                               |
| Power Supply                  | 208-230 / 1Ph / 60Hz (Powered by Outdoor Unit) |                                |                               |                                |                               |
| Voltage Range                 | VAC                                            | 187 - 253                      | 187 - 253                     | 187 - 253                      | 187 - 253                     |
| MCA                           | A                                              | 10                             | 10                            | 16                             | 22                            |
| Interconnecting Wire Size     | AWG                                            | 14/4                           | 14/4                          | 14/4                           | 14/4                          |
| REFRIGERANT PIPING DATA       |                                                |                                |                               |                                |                               |
| Refrigerant Type              | -                                              | R32                            | R32                           | R32                            | R32                           |
| Connection Method             | -                                              | Flared                         | Flared                        | Flared                         | Flared                        |
| Line Set Size (Liquid - Gas)  | in                                             | 1/4 - 3/8                      | 1/4 - 3/8                     | 1/4 - 1/2                      | 1/4 - 5/8                     |
| Pre Charge Length             | ft                                             | 25                             | 25                            | 25                             | 25                            |
| Pipe Length (Min - Max)       | ft                                             | 10 - 66                        | 10 - 66                       | 10 - 131                       | 10 - 131                      |

# MULTI ZONE

## INDOOR - ONE-WAY CEILING CASSETTE



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

### FEATURES

○ Standard

● Optional



### WARRANTY

**10 year**

limited parts warranty

**10 year**

limited compressor warranty

|          |              |
|----------|--------------|
| Capacity | 9k - 18k     |
| Voltage  | 208 - 230 V  |
| HSPF2    | 8.5 - 9.5    |
| EER2     | 10.9 - 13.65 |
| SEER2    | 21.5 - 23.5  |

- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Internal condensate drain pump

- Sentry float switch
- Refrigerant sensor
- Anti-corrosion Fins
- High Quality Motor

| Model                         |                                                | TM09D60CI                      | TM12D60CI                      | TM18D60CI                      |
|-------------------------------|------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|
| SYSTEM RATINGS                |                                                |                                |                                |                                |
| Cooling Capacity              | Btu/h                                          | 9,100                          | 12,000                         | 18,000                         |
| Heating Capacity              | Btu/h                                          | 10,500                         | 12,000                         | 18,000                         |
| Air Flow (Min-Max)            | CFM                                            | 200 - 324                      | 230 - 353                      | 265 - 412                      |
| Sound Pressure Level          | dB(A)                                          | 31 - 37                        | 34 - 41                        | 35 - 43                        |
| Dehumidification              | pt/hr                                          | 1.69                           | 2.96                           | 3.80                           |
| Indoor Unit Dimension (WxHxD) | in                                             | 38-55/64 × 15-5/32 × 7-1/64    | 38-55/64 × 15-5/32 × 7-1/64    | 38-55/64 × 15-5/32 × 7-1/64    |
| Package Dimension (WxHxD)     | in                                             | 51-29/64 × 19-23/32 × 12-13/64 | 51-29/64 × 19-23/32 × 12-13/64 | 51-29/64 × 19-23/32 × 12-13/64 |
| Net Weight                    | lb                                             | 41.9                           | 41.9                           | 44.1                           |
| Gross Weight                  | lb                                             | 57.3                           | 57.3                           | 59.5                           |
| ELECTRICAL RATINGS            |                                                |                                |                                |                                |
| Power Supply                  | 208-230 / 1Ph / 60Hz (Powered by Outdoor Unit) |                                |                                |                                |
| Voltage Range                 | VAC                                            | 187 - 253                      | 187 - 253                      | 187 - 253                      |
| MCA                           | A                                              | 10                             | 10                             | 16                             |
| Interconnecting Wire Size     | AWG                                            | 14/4                           | 14/4                           | 14/4                           |
| REFRIGERANT PIPING DATA       |                                                |                                |                                |                                |
| Refrigerant Type              | -                                              | R32                            | R32                            | R32                            |
| Connection Method             | -                                              | Flared                         | Flared                         | Flared                         |
| Line Set Size (Liquid - Gas)  | in                                             | 1/4 - 3/8                      | 1/4 - 1/2                      | 1/4 - 1/2                      |
| Pre Charge Length             | ft                                             | 25                             | 25                             | 25                             |
| Pipe Length (Min - Max)       | ft                                             | 10 - 66                        | 10 - 66                        | 10 - 131                       |

# MULTI ZONE

## INDOOR - SLIM DUCTS



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

### FEATURES

○ Standard

● Optional



### WARRANTY

#### 10 year

limited parts warranty

#### 10 year

limited compressor warranty

- Compact and powerful, the high static slim duct offers the ultimate in flexibility and discretion.
- Concealed above a suspended ceiling or within open closet spaces to deliver conditioned air via extended ducting and suitable ceiling or wall grilles.

|          |             |
|----------|-------------|
| Capacity | 9k - 18k    |
| Voltage  | 208 - 230 V |

- High E.S.P Capability -Adjustible
- Slim line construction
- Outside air capability
- Cleanable air filter
- Flexible return air from bottom or rear
- Internal condensate pump
- Sentry float switch
- Refrigerant sensor

| Model                         |                                                | TM09D6HDI                      | TM12D6HDI                      | TM18D6HDI                      | TM24D6HDI                      |
|-------------------------------|------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| SYSTEM RATINGS                |                                                |                                |                                |                                |                                |
| Cooling Capacity              | Btu/h                                          | 9,100                          | 12,000                         | 18,000                         | 22,000                         |
| Heating Capacity              | Btu/h                                          | 10,500                         | 12,000                         | 18,000                         | 24,000                         |
| Air Flow (Min-Max)            | CFM                                            | 188 - 324                      | 212 - 353                      | 288 - 589                      | 406 - 736                      |
| Sound Pressure Level          | dB(A)                                          | 25 - 38                        | 25 - 39                        | 25 - 40                        | 30 - 42                        |
| Dehumidification              | pt/hr                                          | 1.69                           | 2.96                           | 3.80                           | 5.28                           |
| Indoor Unit Dimension (WxHxD) | in                                             | 32-43/64 x 29-11/16 x 11-13/16 | 32-43/64 x 29-11/16 x 11-13/16 | 44-31/64 x 29-11/16 x 11-13/16 | 44-31/64 x 29-11/16 x 11-13/16 |
| Package Dimension (WxHxD)     | in                                             | 35-5/16 x 31-13/16 x 14-11/16  | 35-5/16 x 31-13/16 x 14-11/16  | 47-7/16 x 32-1/64 x 14-11/64   | 47-7/16 x 32-1/64 x 14-11/64   |
| Net Weight                    | lb                                             | 70.6                           | 70.6                           | 92.6                           | 92.6                           |
| Gross Weight                  | lb                                             | 83.8                           | 83.8                           | 106.9                          | 106.9                          |
| ELECTRICAL RATINGS            |                                                |                                |                                |                                |                                |
| Power Supply                  | 208-230 / 1Ph / 60Hz (Powered by Outdoor Unit) |                                |                                |                                |                                |
| Voltage Range                 | VAC                                            | 187 - 253                      | 187 - 253                      | 187 - 253                      | 187 - 253                      |
| MCA                           | A                                              | 10                             | 10                             | 16                             | 22                             |
| Interconnecting Wire Size     | AWG                                            | 14/4                           | 14/4                           | 14/4                           | 14/4                           |
| REFRIGERANT PIPING DATA       |                                                |                                |                                |                                |                                |
| Refrigerant Type              | -                                              | R32                            | R32                            | R32                            | R32                            |
| Connection Method             | -                                              | Flared                         | Flared                         | Flared                         | Flared                         |
| Line Set Size (Liquid - Gas)  | in                                             | 1/4 - 3/8                      | 1/4 - 3/8                      | 1/4 - 5/8                      | 1/4 - 5/8                      |
| Pre Charge Length             | ft                                             | 25                             | 25                             | 25                             | 25                             |
| Pipe Length (Min - Max)       | ft                                             | 10 - 66                        | 10 - 66                        | 10 - 131                       | 10 - 131                       |

# MULTI ZONE

## INDOOR - MINI-CONSOLES



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

### FEATURES

○ Standard

● Optional



### WARRANTY

#### 10 year

limited parts warranty

#### 10 year

limited compressor warranty

TOSOT's Mini-Console indoor units are aesthetically pleasing and the perfect size for any room. It can be mounted as low as 6 inches above the floor and has front panel access to the filter for ease of cleaning.

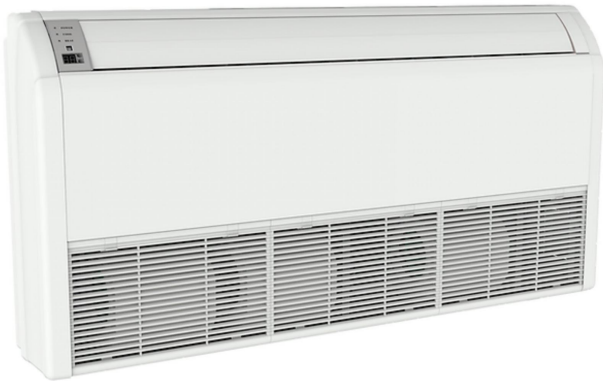
|          |             |
|----------|-------------|
| Capacity | 9k - 18k    |
| Voltage  | 208 - 230 V |

- 2-Way discharge air
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Remote & Wired controller options
- Refrigerant sensor
- Anti-corrosion Fins
- High Quality Motor

| Model                         |                                                | TM09D6CSI                   | TM12D6CSI                   | TM18D6CSI                   |
|-------------------------------|------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| SYSTEM RATINGS                |                                                |                             |                             |                             |
| Cooling Capacity              | Btu/h                                          | 9,100                       | 12,000                      | 18,000                      |
| Heating Capacity              | Btu/h                                          | 10,500                      | 12,000                      | 18,000                      |
| Air Flow (Min-Max)            | CFM                                            | 188 - 383                   | 206 - 441                   | 241 - 494                   |
| Sound Pressure Level          | dB(A)                                          | 26 - 42                     | 29 - 45                     | 32 - 47                     |
| Dehumidification              | pt/hr                                          | 1.69                        | 2.96                        | 3.80                        |
| Indoor Unit Dimension (WxHxD) | in                                             | 27-9/16 x 8-15/32 x 23-5/8  | 27-9/16 x 8-15/32 x 23-5/8  | 27-9/16 x 8-15/32 x 23-5/8  |
| Package Dimension (WxHxD)     | in                                             | 31-1/32 x 11-9/64 x 27-7/16 | 31-1/32 x 11-9/64 x 27-7/16 | 31-1/32 x 11-9/64 x 27-7/16 |
| Net Weight                    | lb                                             | 33.1                        | 33.1                        | 33.1                        |
| Gross Weight                  | lb                                             | 39.7                        | 39.7                        | 39.7                        |
| ELECTRICAL RATINGS            |                                                |                             |                             |                             |
| Power Supply                  | 208-230 / 1Ph / 60Hz (Powered by Outdoor Unit) |                             |                             |                             |
| Voltage Range                 | VAC                                            | 187 - 253                   | 187 - 253                   | 187 - 253                   |
| MCA                           | A                                              | 10                          | 10                          | 16                          |
| Interconnecting Wire Size     | AWG                                            | 14/4                        | 14/4                        | 14/4                        |
| REFRIGERANT PIPING DATA       |                                                |                             |                             |                             |
| Refrigerant Type              | -                                              | R32                         | R32                         | R32                         |
| Connection Method             | -                                              | Flared                      | Flared                      | Flared                      |
| Line Set Size (Liquid - Gas)  | in                                             | 1/4 - 3/8                   | 1/4 - 1/2                   | 1/4 - 1/2                   |
| Pre Charge Length             | ft                                             | 25                          | 25                          | 25                          |
| Pipe Length (Min - Max)       | ft                                             | 10 - 66                     | 10 - 66                     | 10 - 131                    |

# MULTI ZONE

## INDOOR - FLOOR/CEILING-CONSOLES



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

### FEATURES

○ Standard

● Optional



### WARRANTY

#### 10 year

limited parts warranty

#### 10 year

limited compressor warranty

Our universal floor/ceiling indoor units are designed to be suspended from a ceiling or mounted low on a wall. The slender and lightweight design is perfect for restaurants or hallways where wall space is limited.

|          |             |
|----------|-------------|
| Capacity | 9k - 24k    |
| Voltage  | 208 - 230 V |

- Multiple fan speeds
- Swing louver control
- Multi-Directional Air Flow
- Automatic voltage adaption
- Floor Standing or Ceiling Mount
- Refrigerant sensor
- Remote & Wired controller options
- Anti-corrosion Fins

| Model                         |                                                | TM09D6FLI                     | TM12D6FLI                     | TM18D6FLI                     | TM24D6FLI                     |
|-------------------------------|------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| SYSTEM RATINGS                |                                                |                               |                               |                               |                               |
| Cooling Capacity              | Btu/h                                          | 9,100                         | 12,000                        | 18,000                        | 22,000                        |
| Heating Capacity              | Btu/h                                          | 10,500                        | 12,000                        | 18,000                        | 24,000                        |
| Air Flow (Min-Max)            | CFM                                            | 247 - 412                     | 247 - 412                     | 241 - 400                     | 424 - 559                     |
| Sound Pressure Level          | dB(A)                                          | 26 - 38                       | 26 - 38                       | 26 - 38                       | 26 - 38                       |
| Dehumidification              | pt/hr                                          | 1.69                          | 2.96                          | 3.80                          | 5.28                          |
| Indoor Unit Dimension (WxHxD) | in                                             | 34-1/4 x 9-1/4 x 26-3/16      | 34-1/4 x 9-1/4 x 26-3/16      | 34-1/4 x 9-1/4 x 26-3/16      | 47-1/4 x 9-1/4 x 26-3/16      |
| Package Dimension (WxHxD)     | in                                             | 40-11/16 x 30-5/16 x 11-13/16 | 40-11/16 x 30-5/16 x 11-13/16 | 40-11/16 x 30-5/16 x 11-13/16 | 53-11/16 x 30-5/16 x 11-13/16 |
| Net Weight                    | lb                                             | 55.1                          | 55.1                          | 56.2                          | 72.8                          |
| Gross Weight                  | lb                                             | 66.2                          | 66.2                          | 67.3                          | 88.2                          |
| ELECTRICAL RATINGS            |                                                |                               |                               |                               |                               |
| Power Supply                  | 208-230 / 1Ph / 60Hz (Powered by Outdoor Unit) |                               |                               |                               |                               |
| Voltage Range                 | VAC                                            | 187 - 253                     | 187 - 253                     | 187 - 253                     | 187 - 253                     |
| MCA                           | A                                              | 10                            | 10                            | 16                            | 22                            |
| Interconnecting Wire Size     | AWG                                            | 14/4                          | 14/4                          | 14/4                          | 14/4                          |
| REFRIGERANT PIPING DATA       |                                                |                               |                               |                               |                               |
| Refrigerant Type              | -                                              | R32                           | R32                           | R32                           | R32                           |
| Connection Method             | -                                              | Flared                        | Flared                        | Flared                        | Flared                        |
| Line Set Size (Liquid - Gas)  | in                                             | 1/4 - 3/8                     | 1/4 - 1/2                     | 1/4 - 1/2                     | 1/4 - 5/8                     |
| Pre Charge Length             | ft                                             | 25                            | 25                            | 25                            | 25                            |
| Pipe Length (Min - Max)       | ft                                             | 10 - 66                       | 10 - 66                       | 10 - 131                      | 10 - 131                      |

# MULTI ZONE

## INDOOR - WALL-MOUNTED INDOOR



Timer



Auto Clean



Automatic Operation



LED Display



Intelligent Defrosting



Compact Design



Clock Display



Turbo Button



Comfortable Sleep Mode



Cold Air Prevention



Self-Diagnosis



Auto Restart



Lock



-4°F Cooling



I Feel



Healthy Filters

### FEATURES

○ Standard   ● Optional



### WARRANTY

#### 10 year

limited parts warranty

#### 10 year

limited compressor warranty

- Wi-Fi Built-In
- 9K BTU - 24K BTU
- Multi-fan Speeds
- Auto-Clean Function
- I-Feel Function
- Dehumidification
- Self-diagnose

|          |             |
|----------|-------------|
| Capacity | 9k - 24k    |
| Voltage  | 208 - 230 V |

| Model                         |        | TWH09AT19D6DI                  | TWH12AT19D6DI                  | TWH18AT19D6DI                  | TWH24AT19D6DI               |
|-------------------------------|--------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Fan Type                      | -      | Cross-flow                     | Cross-flow                     | Cross-flow                     | Cross-flow                  |
| Air Flow Volume               | CFM    | 159 - 353                      | 182 - 424                      | 282 - 618                      | 412 - 677                   |
| Dehumidifying Volume          | Pint/D | 1.69                           | 2.96                           | 3.80                           | 5.28                        |
| Sound Pressure Level          | dB(A)  | 24 - 41                        | 27 - 47                        | 34 - 53                        | 36 - 51                     |
| Indoor Unit Dimension (WxHxD) | in     | 32-7/8 × 10-53/64 × 7-7/8      | 32-7/8 × 10-53/64 × 7-7/8      | 37-1/8 × 13-7/64 × 9-11/16     | 42-7/16 × 13-7/64 × 9-11/16 |
| Package Dimension (WxHxD)     | in     | 35-15/64 × 13-37/64 × 10-43/64 | 35-15/64 × 13-37/64 × 10-43/64 | 39-13/32 × 15-15/16 × 12-43/64 | 40-5/8 × 29-1/64 × 17-61/64 |
| Net Weight                    | lb     | 19.8                           | 19.8                           | 28.7                           | 33.1                        |
| Gross Weight                  | lb     | 24.3                           | 24.3                           | 34.2                           | 39.7                        |
| Line Set Size (Liquid - Gas)  | in     | 1/4 - 3/8                      | 1/4 - 3/8                      | 1/4 - 1/2                      | 1/4 - 5/8                   |
| Pipe Length (Min - Max)       | ft     | 10 - 66                        | 10 - 66                        | 10 - 82                        | 10 - 131                    |
| Max Pipe Elevation            | ft     | 40                             | 40                             | 33                             | 82                          |

# CENTRAL HEAT PUM

DUCTED

P SYSTEMS

# CENTRAL DUCTED SYSTEMS

UP TO 19.0 SEER2



## WARRANTY

**10 year**

limited parts warranty

**10 year**

limited compressor warranty



## UNIX CENTRAL SERIES

TUD36-32AH2EDU / TU36-32WEDU & TUD60-32AH2EDU / TU60-32WEDU

|          |             |
|----------|-------------|
| Capacity | 36k, 60k    |
| Voltage  | 208 / 230 V |
| HSPF     | 9.0 / 9.5   |
| EER2     | 11.4 / 11.5 |
| SEER2    | 16.0 / 16.5 |

- Up to 17.0 SEER2 / 11.7 EER2 / 9.5 HSPF2
- Cooling Range: 5°F - 129°F
- Heating Range: -22°F - 75°F
- Maximum Line Length: 164 ft.
- Auto Clean
- Dehumidification
- I-Feel functionality
- Self-diagnosis
- Multiple fan speeds
- Automatic voltage adaptation
- Low voltage start-up
- Swing louver control
- New R32 Refrigerant

## UNIX NOVA CENTRAL SERIES

TU36-32AH2GDU / TU36-32GDU & TU60-32AH2GDU / TU60-32GDU

|          |             |
|----------|-------------|
| Capacity | 36k, 60k    |
| Voltage  | 208 - 230 V |
| HSPF     | 8.3 - 9.0   |
| EER2     | 11.7        |
| SEER2    | 19.0 / 16.5 |

- Up to 19.0 SEER2 / 11.9 EER2 / 9.5 HSPF2
- Cooling Range: 5°F - 118°F
- Heating Range: 5°F - 75°F
- Sound levels down to 56 dB(A) on outdoor unit
- Maximum Line Length: 98 ft.
- RS485 Communication and Universal 24V Control
- Multi-Position Air Handler
- All FLEXX ODU's have golden fin and all IDU's have blue fin
- Golden Fin Equipment - 1500 Hrs Salt Spray tested
- New R32 Refrigerant

|                               |       | UNIX Central Series           |                               | UNIX Nova Central Series      |                               |
|-------------------------------|-------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Model                         |       | TUD36-32AH2EDU<br>TU36-32WEDU | TUD60-32AH2EDU<br>TU60-32WEDU | TU36-32AH2GDU<br>TU36-32GDU   | TU60-32AH2GDU<br>TU60-32GDU   |
| SYSTEM RATINGS                |       |                               |                               |                               |                               |
| Cooling Rated Capacity @95°F  | Btu/h | 34,000                        | 54,000                        | 34,000                        | 54,000                        |
| Cooling Capacity Range        | Btu/h | 18,000 - 37,000               | 35,000 - 55,000               | 17,000 - 37,400               | 27,000 - 59,000               |
| Heating Rated Capacity @95°F  | Btu/h | 34,000                        | 54,000                        | /                             | /                             |
| Heating Rated Capacity @47°F  | Btu/h | /                             | /                             | 34,000                        | 54,000                        |
| Heating Rated Capacity @17°F  | Btu/h | 27,000                        | 38,000                        | 21,000                        | 37,000                        |
| Heating Rated Capacity @5°F   | Btu/h | 32,000                        | 45,000                        | 20,000                        | 36,000                        |
| Heating Capacity Range        | Btu/h | /                             | /                             | 17,000 - 38,000               | 27,000 - 59,000               |
| SEER2                         | -     | 16.5                          | 16.0                          | 19.0                          | 16.5                          |
| EER2                          | -     | 11.4                          | 11.5                          | 11.7                          | 11.7                          |
| HSPF2                         | -     | 9.5                           | 9.0                           | 8.3                           | 9.0                           |
| COP @5°F                      | -     | 1.8                           | 1.8                           | 2.0                           | 2.0                           |
| COP @47°F                     | -     | 3.3                           | 3.3                           | 3.47                          | 3.4                           |
| Cooling Range                 | °F    | 5 - 129                       | 5 - 129                       | 5 - 118                       | 5 - 118                       |
| Cooling Range                 | °F    | -22 - 75                      | -22 - 75                      | 5 - 75                        | 5 - 75                        |
| REFRIGERANT PIPING DATA       |       |                               |                               |                               |                               |
| Refrigerant Type              | -     | R32                           | R32                           | R32                           | R32                           |
| Connection Method             | -     | Flared                        | Flared                        | Flared                        | Flared                        |
| Line Set Size (Liquid - Gas)  | in    | 3/8 - 3/4                     | 3/8 - 3/4                     | 3/8 - 3/4                     | 3/8 - 3/4                     |
| Pre Charge Length             | ft    | 25                            | 25                            | 25                            | 25                            |
| Pipe Length (Min - Max)       | ft    | 10 - 164                      | 10 - 98                       | 10 - 98                       | 10 - 98                       |
| Max. Pipe Elevation           | ft    | 98                            | 49                            | 49                            | 49                            |
| Indoor Model                  |       | TUD36-32AH2EDU                | TUD60-32AH2EDU                | TU36-32AH2GDU                 | TU60-32AH2GDU                 |
| Power Supply                  |       | 208-230 / 1Ph / 60Hz          |                               |                               |                               |
| Control Voltage               | VAC   | 24                            | 24                            | 24                            | 24                            |
| Air Flow                      | CFM   | 1,000                         | 1,500                         | 1050                          | 1500                          |
| Sound Pressure Level          | dB(A) | 51                            | 53                            | 51                            | 54                            |
| Dehumidification              | pt/hr | /                             | /                             | 6.02                          | 9.56                          |
| MCA                           | A     | 5.3                           | 7.7                           | 5.3                           | 7.7                           |
| MOCP                          | A     | 15                            | 15                            | 15                            | 15                            |
| Indoor Unit Dimension (WxHxD) | in    | 21-1/4 × 21-1/4 × 48-3/16     | 24-13/16 × 21-1/4 × 52        | 34-1/4 × 9-1/4 × 26-3/16      | 47-1/4 × 9-1/4 × 26-3/16      |
| Package Dimension (WxHxD)     | in    | 23-3/4 × 26 × 50-3/8          | 27-1/4 × 26 × 54-3/16         | 40-11/16 × 30-5/16 × 11-13/16 | 53-11/16 × 30-5/16 × 11-13/16 |
| Net Weight                    | lb    | 163.1                         | 199.5                         | 163.1                         | 199.5                         |
| Gross Weight                  | lb    | 178.6                         | 218.3                         | 178.6                         | 218.0                         |

| Outdoor Model                 |                      | TU36-32WEDU                  | TU60-32WEDU                 | TU36-32GDU            | TU60-32GDU                  |
|-------------------------------|----------------------|------------------------------|-----------------------------|-----------------------|-----------------------------|
| Power Supply                  | 208-230 / 1Ph / 60Hz |                              |                             |                       |                             |
| Control Voltage               | VAC                  | 24                           | 24                          | 24                    | 24                          |
| Sound Pressure Level          | dB(A)                | 60                           | 63                          | 60                    | 63                          |
| MCA                           | A                    | 21                           | 40                          | 27.7                  | 39.9                        |
| MOCP                          | A                    | 25                           | 45                          | 30                    | 45                          |
| Indoor Unit Dimension (WxHxD) | in                   | 39 × 37-13/16 × 14-9/16      | 35-7/16 × 49-5/8 × 13-3/8   | 36-1/4×14-9/16×29-3/8 | 35-7/16 × 13-3/8 × 49-5/8   |
| Package Dimension (WxHxD)     | in                   | 45-3/8 × 43-11/16 × 18-13/16 | 40-11/16 × 55-3/16 × 17-3/8 | 42-1/2 × 19 × 31-1/2  | 40-11/16 × 17-3/8 × 55-3/16 |
| Net Weight                    | lb                   | 187.4                        | 241.4                       | 124.6                 | 214                         |
| Gross Weight                  | lb                   | 211.6                        | 263.3                       | 133.4                 | 236                         |

VERY MULTI  
SERIES

# MULTI ZONE VERY MULTI SERIES

## VERY MULTI SERIES CONDENSER



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



I Feel



Polymeric Air Filters



Golden Fin



Wired Controller



FEATURES   ○ Standard   ● Optional



### Warranty

**10 year**  
limited parts warranty

**10 year**  
limited compressor warranty

|          |               |
|----------|---------------|
| Capacity | 48k / 60k     |
| Voltage  | 230V          |
| HSPF     | 10.8          |
| SEER     | 22            |
| Zones    | Up to 9 zones |

- High efficiency, up to 22 Seer2 / 10.8 HSPF2
- Heat and cool up to 9 zones with one outdoor unit
- Ultra long piping - up to 394ft
- Ideal for residential and commercial spaces

|                                                    | GMV-V48WL/C-T(U) - Ultra Heat GMV6 Mini                     | GMV-V60WL/C-T(U) - Ultra Heat GMV6 Mini |
|----------------------------------------------------|-------------------------------------------------------------|-----------------------------------------|
|                                                    | GENERAL FEATURES                                            |                                         |
|                                                    | - Up to 9 indoor units with each outdoor unit               |                                         |
|                                                    | - Ultra-long piping: up to 934 ft. (Each indoor to outdoor) |                                         |
|                                                    | - DC inverter-driven technology                             |                                         |
|                                                    | - CAN-BUS communication network technology                  |                                         |
|                                                    | - Smart temperature control                                 |                                         |
|                                                    | System Ratings                                              |                                         |
| Cooling Capacity (BTU/H)                           | 48,000 BTU/H                                                | 60,000 BTU/H                            |
| Cooling Capacity (W)                               | 14,100 W                                                    | 17,600 W                                |
| Heating Capacity (BTU/H)                           | 48,000 BTU/H                                                | 60,000 BTU/H                            |
| Heating Capacity (W)                               | 14,100 W                                                    | 17,600 W                                |
| Minimum Circuit Ampacity                           | 38.8 A                                                      | 38.8 A                                  |
| Maximum Overcurrent Protection                     | 40 A                                                        | 40 A                                    |
| Power Supply                                       | 208/230V ~60Hz                                              | 208/230V ~60Hz                          |
| Air Volume (m³/h)                                  | 6,600 m3/h                                                  | 6,600 m3/h                              |
| Air Volume (CFM)                                   | 3,885 CFM                                                   | 3,885 CFM                               |
| Air Volume (CFM)                                   | 52 dB(A)                                                    | 55 dB(A)                                |
| Compressor Type                                    | Inverter Rotary                                             | Inverter Rotary                         |
| Compressor Quantity                                | 1 N                                                         | 1 N                                     |
| Refrigerant Oil Model                              | FW68L(FW68DA)                                               | FW68L(FW68DA)                           |
| Refrigerant Type                                   | R410A                                                       | R410A                                   |
| Refrigerant Charge (kg)                            | 4.0 kg                                                      | 4.4 kg                                  |
| Refrigerant Charge (lbs)                           | 8.8 lbs                                                     | 9.7 lbs                                 |
| Max. Number of Connectable IDUs                    | 8 units                                                     | 9 units                                 |
| Gas Pipe (mm)                                      | Φ15.9 mm                                                    | Φ19.05 mm                               |
| Gas Pipe (inches)                                  | Φ5/8 inches                                                 | Φ3/4 inches                             |
| Liquid Pipe (mm)                                   | Φ9.52 mm                                                    | Φ9.52 mm                                |
| Liquid Pipe (inches)                               | Φ3/8 inches                                                 | Φ3/8 inches                             |
| Outline Dimensions (W × D × H) (mm)                | 900 × 340 × 1345                                            | 900 × 340 × 1345                        |
| Outline Dimensions (W × D × H) (inches)            | 35-3/8 × 13-3/8 × 53                                        | 35-3/8 × 13-3/8 × 53                    |
| Packing Dimensions (W × D × H) (mm)                | 993 × 453 × 1500                                            | 993 × 453 × 1500                        |
| Packing Dimensions (W × D × H) (inches)            | 39-1/4 × 18 × 59-1/16                                       | 39-1/4 × 18 × 59-1/16                   |
| Net Weight/Gross Weight (kg)                       | 113/124 kg                                                  | 113/124 kg                              |
| Net Weight/Gross Weight (lbs)                      | 250/270 lbs                                                 | 250/270 lbs                             |
| Operating Temperature Range<br>- Cooling (Outdoor) | -5°C ~ 48°C / 23°F ~ 118°F                                  | -5°C ~ 48°C / 23°F ~ 118°F              |
| Operating Temperature Range<br>- Heating (Outdoor) | -20°C ~ 27°C / -4°F ~ 81°F                                  | -20°C ~ 27°C / -4°F ~ 81°F              |
| EER                                                | 11 / 11.5                                                   | 10.5 / 11                               |
| SEER                                               | 19.5 / 22                                                   | 19.5 / 21                               |
| HSPF                                               | 10.6 / 10.8                                                 | 10.5 / 11                               |
| Max. Equivalent Connection Pipe Length             | 394 ft                                                      | 394 ft                                  |

# MULTI ZONE VERY MULTI SERIES

## Very Multi Series Indoor - Wall Mounted



- 

Timer
- 

High Efficiency
- 

Comprehensive Protection
- 

Easier Maintainability
- 

Intelligent Defrosting
- 

Compact Design
- 

Inner Groove Copper
- 

Turbo Button
- 

Wide Operation Range
- 

Self-Diagnosis
- 

Memory Function
- 

Lock
- 

Low Voltage Range
- 

Wide Voltage Range
- 

Weekly Timer

**FEATURES**   ☐ Standard   ☒ Optional



### Warranty

- 10 year**  
limited parts warranty
- 10 year**  
limited compressor warranty

|          |                      |
|----------|----------------------|
| Capacity | 9k / 12k / 18k / 24k |
| Voltage  | 230V                 |

|                                      | GMV-ND09G/B4B-T(U)                 | GMV-ND12G/B4B-T(U)                 | GMV-ND18G/B4B-T(U)                 | GMV-ND24G/B4B-T(U)                 |
|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
|                                      |                                    | PERFORMANCE                        |                                    |                                    |
| Rated Cooling Capacity               | 9.5 kBtu/h                         | 12.0 kBtu/h                        | 18.0 kBtu/h                        | 24.0 kBtu/h                        |
| Rated Heating Capacity               | 10.5 kBtu/h                        | 13.5 kBtu/h                        | 20.0 kBtu/h                        | 25.5 kBtu/h                        |
| Sound Pressure Level (H/M/L)         | 35/33/30 dB(A)                     | 38/35/31 dB(A)                     | 43/41/37 dB(A)                     | 44/41/37 dB(A)                     |
|                                      |                                    | FAN                                |                                    |                                    |
| Type x Quantity                      | Cross-flow x 1                     | Cross-flow x 1                     | Cross-flow x 1                     | Cross-flow x 1                     |
| Air Flow Volume (H/M/L)              | 294/259/177 CFM                    | 371/271/188 CFM                    | 647/500/383 CFM                    | 706/500/383 CFM                    |
| Fan Motor Running Current            | 0.1 A                              | 0.12 A                             | 0.24 A                             | 0.31 A                             |
| Fan Motor Power Input                | 20 W                               | 25 W                               | 50 W                               | 65 W                               |
|                                      |                                    | Electrical Data                    |                                    |                                    |
| Power Supply                         | 208/230 Voltage, 1 Phase, 60 Hertz | 208/230 Voltage, 1 Phase, 60 Hertz | 208/230 Voltage, 1 Phase, 60 Hertz | 208/230 Voltage, 1 Phase, 60 Hertz |
| Minimum Circuit Amps (MCA)           | 1 A                                | 1 A                                | 1 A                                | 1 A                                |
| Maximum Overcurrent Protection (MOP) | 15 A                               | 15 A                               | 15 A                               | 15 A                               |
|                                      |                                    | Refrigerant Piping                 |                                    |                                    |
| Connection Pipe (Gas)                | 3/8 inches                         | 1/2 inches                         | 5/8 inches                         | 5/8 inches                         |
| Connection Pipe (Liquid)             | 1/4 inches                         | 1/4 inches                         | 3/8 inches                         | 3/8 inches                         |
| Connection Method                    | Flare Connection                   | Flare Connection                   | Flare Connection                   | Flare Connection                   |
| Refrigerant                          | R410A                              | R410A                              | R410A                              | R410A                              |
|                                      |                                    | Dimension/Weight                   |                                    |                                    |
| Dimensions (H x W x D) (inches)      | 33-1/4 x 8-1/4 x 11-3/8            | 33-1/4 x 8-1/4 x 11-3/8            | 42-7/16 x 12-13/16 x 9-11/16       | 42-7/16 x 12-13/16 x 9-11/16       |
| Net Weight                           | 23.5 lbs                           | 23.5 lbs                           | 35.5 lbs                           | 35.5 lbs                           |
|                                      |                                    | Other                              |                                    |                                    |
| Minimum Circuit Amps (MCA)           | ETL                                | ETL                                | ETL                                | ETL                                |

# MULTI ZONE VERY MULTI SERIES

## Very Multi Series Indoor - Cassette



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

### FEATURES

☐ Standard    ☒ Optional



### Warranty

**10 year**  
limited parts warranty

**10 year**  
limited compressor warranty

|          |                |
|----------|----------------|
| Capacity | 9k / 12k / 18k |
| voltage  | 230V           |

|                                      | GMV-ND09TD/A-T(U)                     | GMV-ND12TD/A-T(U)                     |
|--------------------------------------|---------------------------------------|---------------------------------------|
| PERFORMANCE                          |                                       |                                       |
| Rated Cooling Capacity               | 9.5 kBtu/h                            | 12.0 kBtu/h                           |
| Rated Heating Capacity               | 10.5 kBtu/h                           | 13.5 kBtu/h                           |
| Sound Pressure Level (H/M/L)         | 28- 36 dB(A)                          | 28 - 36 dB(A)                         |
| FAN                                  |                                       |                                       |
| Type x Quantity                      | Cross-flow x 1                        | Cross-flow x 1                        |
| Air Flow Volume (H/M/L)              | 235 - 324 CFM                         | 247 - 353 CFM                         |
| Multi Fan Speed                      | 3 Speeds                              | 3 Speeds                              |
| Electrical Data                      |                                       |                                       |
| Power Supply                         | 208/230 Voltage, 1 Phase,<br>60 Hertz | 208/230 Voltage, 1 Phase,<br>60 Hertz |
| Minimum Circuit Amps (MCA)           | 1 A                                   | 1 A                                   |
| Maximum Overcurrent Protection (MOP) | 15 A                                  | 15 A                                  |
| Refrigerant Piping                   |                                       |                                       |
| Connection Pipe (Gas)                | 3/8 inches                            | 1/2 inches                            |
| Connection Pipe (Liquid)             | 1/4 inches                            | 1/4 inches                            |
| Connection Method                    | Flare Connection                      | Flare Connection                      |
| Refrigerant                          | R410A                                 | R410A                                 |
| Dimension/Weight                     |                                       |                                       |
| Dimensions (W x H x D) (inches)      | 38-7/8 x 7 x 15-3/16                  | 38-7/8 x 7 x 15-3/16                  |
| Net Weight                           | 44 lbs                                | 44 lbs                                |
| Cassette Grill                       |                                       |                                       |
| Dimensions (W x H x D) (inches)      | 47-1/4 x 2-3/16 x 18-1/8              | 47-1/4 x 2-3/16 x 18-1/8              |

# **PRODUCT WARRANTY**

10 YEARS WARRANTY ON  
PARTS & COMPRESSOR



# THANK YOU!



ISO 9001 Quality System Certificate



ISO 14001 Environment Management System Certificate



ISO 18001 Occupation Healthy Safety System Certificate



Canadian CSA Certificate



German TÜV Certificate



3C Certificate



European Communities CE Certificate



American UL Certificate



Russian Safety Certificate



EQM



SASO Certificate



Mexico NOM Safety Certificate



German GS Certificate



European EMC Certificate



Argentina Safe Certificate



China EMC Certificate



Hongkong Energy-saving Certificate



Hongkong Safety Certificate



Australian SAA Safe Certificate



Australia SAA Certificate



CQC Certificate



America ETL Certificate



Canadian ETL Certificate



Thailand TIS Certificate

# TOSOT

## CONTACT INFO

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