

# Diamante ULTRA Multi-Zones

**20~23 SEER Ultra High Efficiency**

**Heat Pump + DC Inverter in One System**

**Multi Zone (18,000 ~ 36,000 BTU/hr)**



**YN-L + WT**  
**WALL MOUNTED**  
**MULTI ZONE MINI SPLITS**

**INVERTER++**



## STANDARD FEATURES

- Available In 2, 3, 4 Zone Versions
- Ultra-High Efficiency DC Inverter++ Energy-Star Versions
- Ultra-High Full Load And Partial Load Efficiencies
- Cooling And Heating Functions Down To -4F Ambient
- Quiet And Highly Efficient Major Brand Compressor
- Heavy Gauge Zink Coated Galvanized Steel Casing
- Durable Polyester-urethane Paint
- Clean Looking Light Beige Color
- High Efficiency Variable Speed ECM Fan Motor
- Permanently Lubricated Fan Motor With Ball Bearings
- Axial Flow Fan(S) With High Air Volume
- Electronic Expansion Valves for Each Circuit
- Plastic Coated Wire Fan Guard
- Grooved Copper Tube, Hydrophilic Aluminum Fin Coil
- Whisper Quiet Operation
- Self-Training Intelligent Defrost Logic
- Flare Type Brass Service Valves with Pressure Ports
- Factory Charged for Up To 25' Line Set Per Circuit
- Standardized Cabinet Design Across Models
- Environmentally Friendly R410a Refrigerant
- Digital Backlit LED Display On Front Panel
- Designed For Standard Wall Hung Installation
- Latest Design Attractive Matte Flat Panel
- Full ABS Plastic Casing for Indoor Units
- Removable Flip Open Style Front Panel Cover
- Washable Return Air Filter Cartridges
- Anti-Discoloration Formulated Plastic Dyes
- LCD Screen Infrared Electronic Control
- Auto-Restart with Memory for Power Outages
- Timer for Preset Starting and Stopping
- Auto Changeover, Dry and Fan Only Modes
- Season Sensitive Operational Logic
- Self-Learning Time-Demand Defrost Logic
- Automatic Synchronized Discharge Louver
- Three + Auto Speed Digital EC-DC Blower Motor
- Digital Motor Speed Control System
- Whisper Quiet Indoor Motor with Ball Bearings
- High Air Flow Volume for Quick Performance
- Ultra-High Efficiency Grooved Copper Tubes
- Enhanced Louvered Hydrophilic Aluminum Fins
- Superior Efficiency Rating Under Variety of Conditions
- Dynamically Balanced Ultra Quiet Cross-Flow Blower
- Anti-Mildew Treatment on Blower Wheels
- Internal Noise and Vibration Isolation
- Large Capacity Suction Accumulators
- Flare Type Refrigerant Connections
- Standardized Cabinet Design for all Models
- Piping and Wiring Through Bottom, Sides or Rear of Unit
- Highest Grade Components for Long Life Expectancy
- Ample Availability of Spare Parts and Accessories
- Wi-Fi Access Via Free Smartphone App Included

## ACCESSORIES & OPTIONS



UVC Bacterial Disinfection Kit



Line Cover Kit



Line Set Flushing Kit



Mounting Brackets



Mounting Base



Surge Protection



Condensate Pump

| MODEL SERIES                                               |                                      |           | YN-L SERIES, Inverter ++ Version (21.5 to 22.0 SEER Range) Multi Zone Ductless Systems |                                                     |                                                                 |  |
|------------------------------------------------------------|--------------------------------------|-----------|----------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------|--|
| Outdoor Unit Model Number (2, 3, and 4 Circuit Multi Zone) |                                      |           | YN020GLFI22M2D                                                                         | YN030GLFI22M3D                                      | YN040GLFI22M4D                                                  |  |
| Outdoor Unit Code                                          |                                      |           | Z2U20607000143                                                                         | Z2U20607000144                                      | Z2U20607000145                                                  |  |
| Indoor Unit Model Number (Selected For Below Rating Data)  |                                      |           | WT009GLFI22HLD (2)                                                                     | WT009GLFI22HLD (3)                                  | WT009GLFI22HLD (4)                                              |  |
| Power supply                                               |                                      | V, Ph, Hz | 208/230V,1Ph,60Hz                                                                      | 208/230V,1Ph,60Hz                                   | 208/230V,1Ph,60Hz                                               |  |
| Cooling Performance                                        | 95F Rated Capacity (Min ~ Max Range) | BTU / h   | 17000 (5100~18700)                                                                     | 24000 (7200~26400)                                  | 32000 (9600~35200)                                              |  |
|                                                            | Rated Power Input                    | W         | 1,350                                                                                  | 1,860                                               | 2,600                                                           |  |
|                                                            | Rated Current                        | A         | 6.50                                                                                   | 8.80                                                | 11.80                                                           |  |
|                                                            | EER                                  | BTU / W   | 12.5                                                                                   | 12.5                                                | 12.5                                                            |  |
|                                                            | SEER                                 | BTU / W   | 22.0                                                                                   | 22.0                                                | 21.5                                                            |  |
| Heating Performance                                        | 47F Rated Capacity (Min ~ Max Range) | BTU / h   | 19600 (5880~21560)                                                                     | 26000 (7800~28600)                                  | 35000 (10500~38500)                                             |  |
|                                                            | Rated Power Input                    | W         | 1,600                                                                                  | 1,950                                               | 2,890                                                           |  |
|                                                            | Rated Current                        | A         | 7.50                                                                                   | 9.10                                                | 13.10                                                           |  |
|                                                            | COP                                  | W / W     | 3.5                                                                                    | 3.5                                                 | 3.5                                                             |  |
|                                                            | HSPF4                                | BTU / W   | 10.0                                                                                   | 10.0                                                | 10.0                                                            |  |
|                                                            | HSPF5                                | BTU / W   | 8.0                                                                                    | 8.0                                                 | 8.0                                                             |  |
|                                                            | Low Heating Capacity (@17F)          | BTU / h   | 13,700                                                                                 | 16,400                                              | 23,000                                                          |  |
| MINIMUM CIRCUIT AMPACITY (Full Set)                        |                                      | A         | 12                                                                                     | 14                                                  | 17                                                              |  |
| MAX.FUSE (Full Set)                                        |                                      | A         | 15                                                                                     | 20                                                  | 25                                                              |  |
| Outdoor Fan Motor                                          | Model                                |           | ZWK584C000002                                                                          | ZWK584C000002                                       | SIC-81FW-F1160-1                                                |  |
|                                                            | Brand                                |           | DAYANG                                                                                 | DAYANG                                              | SHIBAURA                                                        |  |
|                                                            | Speed (Hi / Md / Lo / Min)           | RPM       | 840 / 550 / 300                                                                        | 840 / 550 / 300                                     | 840 / 550 / 300                                                 |  |
| Outdoor Air Flow (H)                                       |                                      | m3 / h    | 2,990                                                                                  | 3,580                                               | 3,900                                                           |  |
| Outdoor Air Flow (H)                                       |                                      | CFM       | 1,759                                                                                  | 2106                                                | 2,294                                                           |  |
| Outdoor Noise Level (H)                                    |                                      | dB(A)     | 56.0                                                                                   | 58.0                                                | 63.0                                                            |  |
| Compressor                                                 | Model                                |           | C-6RZ146H1DJ                                                                           | C-6RZ210H1BBF                                       | ATF250D22UMT                                                    |  |
|                                                            | Type                                 |           | Twin-ROTARY                                                                            | Twin-ROTARY                                         | Twin-ROTARY                                                     |  |
|                                                            | Brand                                |           | SANYANG                                                                                | SANYANG                                             | GMCC                                                            |  |
|                                                            | Rated Current (RLA)                  | A         | 7.2                                                                                    | 9.0                                                 | 10.6                                                            |  |
|                                                            | Refrigerant Oil / Oil Amount         | Ozs       | PVE, 15.2 Ozs                                                                          | FV68S, 20.2 Ozs                                     | POV VE74, 22.6 Ozs                                              |  |
| Outdoor Unit                                               | Net Dimensions (W*D*H)               | mm        | 845 × 380 × 699                                                                        | 900 × 360 × 805                                     | 1,005 × 400 × 910                                               |  |
|                                                            | Net Dimensions (W*D*H)               | Inches    | 33" x 14"-7/8 x 27"-1/4                                                                | 35"-1/8 x 14" x 31"-3/8                             | 39"-1/4 x 15"-5/8 x 35"-1/2                                     |  |
|                                                            | Packing Dimensions (W*D*H)           | mm        | 960 × 430 × 750                                                                        | 1,028 × 475 × 865                                   | 1,040 × 440 × 1,000                                             |  |
|                                                            | Packing Dimensions (W*D*H)           | Inches    | 37"-3/4 x 16"-7/8 x 29"-1/2                                                            | 40"-1/2 x 18"-3/4 x 34"                             | 41" x 17"-3/8 x 39"-3/8                                         |  |
|                                                            | Net / Gross Weight                   | Kg        | 44 / 47.5                                                                              | 56 / 60.5                                           | 75.5 / 84.5                                                     |  |
|                                                            | Net / Gross Weight                   | Lbs       | 96.8 / 104.5                                                                           | 123.2 / 133.1                                       | 166.1 / 185.9                                                   |  |
| Refrigerant Type                                           |                                      |           | R410A                                                                                  | R410A                                               | R410A                                                           |  |
| Expansion Device Type, Location                            |                                      |           | EXV, Outdoor                                                                           | EXV, Outdoor                                        | EXV, Outdoor                                                    |  |
| Factory Charged Weight (Optimized for 16' Line Sets)       |                                      | Ozs       | 65.3                                                                                   | 77.6                                                | 141.0                                                           |  |
| Adjustment Charge (Ea. Foot length for <10' or >25' Sets)  |                                      | Ozs/Ft.   | 0.22                                                                                   | 0.22                                                | 0.22                                                            |  |
| Design pressure                                            |                                      | PSIG      | 550 / 340                                                                              | 550 / 340                                           | 550 / 340                                                       |  |
| Refrigerant Piping                                         | Liquid Side/ Gas Side (OD)           | Inch      | 1/4" / 3/8" (2 sets)                                                                   | 1/4" / 3/8" (3 sets)<br>(3/8>1/2 Adapters Provided) | 1/4" / 3/8" (4 sets)<br>(3/8>1/2 and 3/8>5/8 Adapters Provided) |  |
|                                                            | Total Max. Refrigerant Pipe Length   | m         | 30                                                                                     | 45                                                  | 60                                                              |  |
|                                                            | Total Max. Refrigerant Pipe Length   | Ft.       | 100                                                                                    | 150                                                 | 200                                                             |  |
|                                                            | Zone Max. Refrigerant Pipe Length    | m         | 20                                                                                     | 20                                                  | 20                                                              |  |
|                                                            | Zone Max. Refrigerant Pipe Length    | Ft.       | 65                                                                                     | 65                                                  | 65                                                              |  |
|                                                            | Max. Height Difference IDU to ODU    | m         | 15                                                                                     | 15                                                  | 15                                                              |  |
|                                                            | Max. Height Difference IDU to ODU    | Ft.       | 50                                                                                     | 50                                                  | 50                                                              |  |
|                                                            | Max. Height Difference IDU to IDU    | m         | 10                                                                                     | 10                                                  | 10                                                              |  |
|                                                            | Max. Height Difference IDU to IDU    | Ft.       | 33                                                                                     | 33                                                  | 33                                                              |  |
| Condensate Drain Connection Diameter                       |                                      | mm (In)   | OD Φ 16mm (5/16")                                                                      | OD Φ 16mm (5/16")                                   | OD Φ 16mm (5/16")                                               |  |
| Interconnecting Cable Specs                                |                                      |           | AWG 16# x 4 (TC-ER)                                                                    | AWG 16# x 4 (TC-ER)                                 | AWG 16# x 4 (TC-ER)                                             |  |
| Controller Included                                        |                                      |           | /                                                                                      | /                                                   | /                                                               |  |
| Temperature Range                                          | Indoor Temperature Setting Range     | °C / °F   | 17~30 / 61~86                                                                          | 17~30 / 61~86                                       | 17~30 / 61~86                                                   |  |
|                                                            | Indoor Min Heat (Vacation Mode)      | °C / °F   | 8 / 46                                                                                 | 8 / 46                                              | 8 / 46                                                          |  |
|                                                            | Outdoor Ambient Range (Cooling)      | °C / °F   | -15 ~ +50 / +5 ~ +122                                                                  | -15 ~ +50 / +5 ~ +122                               | -15 ~ +50 / +5 ~ +122                                           |  |
|                                                            | Outdoor Ambient Range (Heating)      | °C / °F   | -20 ~ +30 / -4 ~ +86                                                                   | -20 ~ +30 / -4 ~ +86                                | -20 ~ +30 / -4 ~ +86                                            |  |
| Recommended Application Area Size (Min~Max) / Total        |                                      | m2        | 35~70                                                                                  | 55~105                                              | 70~140                                                          |  |
| on average variables for cooling operation                 |                                      | Sq.Ft     | 375~750                                                                                | 570~1,120                                           | 750~1,500                                                       |  |

Specifications and data listed herein are subject to change without notice due to constant product and engineering improvements. Always refer to the equipment nameplate for applicable exact information. Ratings are based on laboratory tests, performed in accordance with the applicable AHRI Standards for Variable Speed Mini Split Single Zone Heat Pump Systems. - 001

| MODEL SERIES                                         |                                  |           | WT Series Wall Mount Ductless Split Indoor Units for YN-T Multi Split Systems |                           |                            |                            |
|------------------------------------------------------|----------------------------------|-----------|-------------------------------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| Indoor Unit Model Number                             |                                  |           | WT009GLFI22HLD                                                                | WT012GLFI22HLD            | WT018GLFI22HLD             | WT024GLFI22HLD             |
| Indoor Unit Code                                     |                                  |           | Z2U20102006451                                                                | Z2U20102006427            | Z2U20102006499             | Z2U20102006421             |
| Matching Multi Split Outdoor Units                   |                                  |           | 2 / 3 / 4 Zone                                                                | 2 / 3 / 4 Zone            | 3 / 4 Zone                 | 4 Zone Only                |
| Power supply                                         |                                  | V, Ph, Hz | 208/230V,1Ph,60Hz                                                             | 208/230V,1Ph,60Hz         | 208/230V,1Ph,60Hz          | 208/230V,1Ph,60Hz          |
| Cooling Performance                                  | Rated Capacity (Min ~ Max Range) | BTU / h   | 9,000                                                                         | 12,000                    | 18,000                     | 23,000                     |
|                                                      | Rated Power Input                | W         | 710                                                                           | 920                       | 1,350                      | 1,920                      |
|                                                      | Rated Current                    | A         | 3.2                                                                           | 4.1                       | 6.1                        | 8.6                        |
|                                                      | EER                              | BTU / W   | 13.0                                                                          | 13.0                      | 13.0                       | 12.5                       |
|                                                      | SEER                             | BTU / W   | 23.0                                                                          | 23.0                      | 21.5                       | 20.0                       |
| Heating Performance                                  | Rated Capacity (Min ~ Max Range) | BTU / h   | 9,500                                                                         | 12,000                    | 18,000                     | 24,000                     |
|                                                      | Rated Power Input                | W         | 730                                                                           | 910                       | 1,310                      | 2,050                      |
|                                                      | Rated Current                    | A         | 3.3                                                                           | 4.1                       | 5.9                        | 9.2                        |
|                                                      | COP                              | W / W     | 3.5                                                                           | 3.5                       | 3.5                        | 3.2                        |
|                                                      | HSPF4                            | BTU / W   | 10                                                                            | 10                        | 10                         | 10                         |
|                                                      | HSPF5                            | BTU / W   | 8                                                                             | 8                         | 8                          | 8                          |
|                                                      | Low Heating Capacity (@19F)      | BTU / h   | 8,000                                                                         | 10,000                    | 14,000                     | 18,000                     |
| MINIMUM CIRCUIT AMPACITY (Full Set)                  |                                  | A         | 9                                                                             | 11                        | 13                         | 19                         |
| MAX.FUSE (Full Set)                                  |                                  | A         | 15                                                                            | 15                        | 20                         | 30                         |
| Indoor Fan Motor                                     | Model                            |           | BLDC                                                                          | BLDC                      | BLDC                       | BLDC                       |
|                                                      | Brand                            |           | Weilling                                                                      | Weilling                  | Broad-Ocean                | Broad-Ocean                |
|                                                      | Speed (Hi / Md / Lo / Min)       | RPM       | 1,250 / 1,050 / 850 / 750                                                     | 1,250 / 1,050 / 850 / 750 | 1,130 / 990 / 850 / 750    | 1,130 / 990 / 850 / 750    |
| Indoor Air Flow (Hi / Md / Lo)                       |                                  | m3 / h    | 650 / 550 / 450                                                               | 800 / 650 / 500           | 1,250 / 1,050 / 900        | 1,250 / 1,050 / 900        |
| Indoor Air Flow (Hi / Md / Lo)                       |                                  | CFM       | 382 / 324 / 265                                                               | 471 / 382 / 294           | 735 / 618 / 529            | 735 / 618 / 529            |
| Indoor Noise Level (Hi / Md / Lo / MUTE)             |                                  | dB(A)     | 39 / 34 / 29 / 27                                                             | 39 / 34 / 29 / 27         | 45 / 40 / 35 / 31          | 45 / 40 / 35 / 31          |
| Indoor Unit                                          | Net Dimensions (W*D*H)           | mm        | 820 × 195 × 306                                                               | 920 × 195 × 306           | 1,100 × 222 × 333          | 1,100 × 222 × 333          |
|                                                      | Net Dimensions (W*D*H)           | Inches    | 32"-1/4 × 7"-5/8 × 12"                                                        | 36"-1/4 × 7"-5/8 × 12"    | 43"-3/8 × 8"-3/4 × 13"-1/8 | 43"-3/8 × 8"-3/4 × 13"-1/8 |
|                                                      | Packing Dimensions (W*D*H)       | mm        | 890 × 265 × 380                                                               | 990 × 265 × 380           | 1,165 × 295 × 405          | 1,165 × 295 × 405          |
|                                                      | Packing Dimensions (W*D*H)       | Inches    | 35" × 10"-3/8 × 15"                                                           | 39" × 10"-3/8 × 15"       | 45"-7/8 × 11"-5/8 × 16"    | 45"-7/8 × 11"-5/8 × 16"    |
|                                                      | Net / Gross Weight               | Kg        | 9.0 / 11.0                                                                    | 10.5 / 12.0               | 14.0 / 16.0                | 14.0 / 16.0                |
|                                                      | Net / Gross Weight               | Lbs       | 19.8 / 24.3                                                                   | 23.1 / 26.5               | 30.9 / 35.3                | 30.9 / 35.3                |
| Adjustment Charge (Ea. Foot length for <10' or >25') |                                  | Ozs/Ft.   | 0.22 Ozs                                                                      | 0.22 Ozs                  | 0.22 Ozs                   | 0.22 Ozs                   |
| Design pressure                                      |                                  | PSIG      | 550                                                                           | 550                       | 550                        | 550                        |
| Refrigerant Piping Liquid Side/ Gas Side (OD)        |                                  | Inch      | 1/4" / 3/8"                                                                   | 1/4" / 3/8"               | 1/4" / 1/2"                | 1/4" / 5/8"                |
| Condensate Drain Connection Diameter                 |                                  | mm (In)   | OD Φ 16mm (5/8")                                                              | OD Φ 16mm (5/8")          | OD Φ 16mm (5/8")           | OD Φ 16mm (5/8")           |
| Interconnecting Cable Specks                         |                                  |           | AWG 16# x 4 (TC-ER)                                                           | AWG 16# x 4 (TC-ER)       | AWG 16# x 4 (TC-ER)        | AWG 16# x 4 (TC-ER)        |
| Controller Included                                  |                                  |           | LCD Wireless Remote                                                           | LCD Wireless Remote       | LCD Wireless Remote        | LCD Wireless Remote        |
| Temperature Ranges                                   | Indoor Temperature Setting Range | °C / °F   | 17 ~ 30 / 63 ~ 86                                                             | 17 ~ 30 / 63 ~ 86         | 17 ~ 30 / 63 ~ 86          | 17 ~ 30 / 63 ~ 86          |
|                                                      | Indoor Min Heat (Vacation Mode)  | °C / °F   | 8 / 46                                                                        | 8 / 46                    | 8 / 46                     | 8 / 46                     |
|                                                      | Outdoor Ambient Range (Cooling)  | °C / °F   | -15 ~ +50 / 5 ~ 122                                                           | -15 ~ +50 / 5 ~ 122       | -15 ~ +50 / 5 ~ 122        | -15 ~ +50 / 5 ~ 122        |
|                                                      | Outdoor Ambient Range (Heating)  | °C / °F   | -25 ~ +30 / -13 ~ +86                                                         | -25 ~ +30 / -13 ~ +86     | -25 ~ +30 / -13 ~ +86      | -25 ~ +30 / -13 ~ +86      |
| Recommended Application Area Size (Min~Max)          |                                  | m2        | 15~30                                                                         | 20~40                     | 30~60                      | 40~80                      |
| Based on average variables for cooling operation     |                                  | Sq.Ft     | 160~325                                                                       | 215~430                   | 325~650                    | 430~860                    |

|                                                                                                                                                                                                                                            | YN-T MULTI SPLIT SYSTEM INDOOR UNIT COMBINATION OPTIONS TABLE |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outdoor Unit MODEL NUMBER                                                                                                                                                                                                                  | YN020GLFI22M2D                                                | Y030GLFI22M3D                                                                                                                             | YN040GLFI22M4D                                                                                                                                        |                                                                                                                                                         |
| Number of Zones Available                                                                                                                                                                                                                  | 2                                                             | 3                                                                                                                                         | 4                                                                                                                                                     |                                                                                                                                                         |
| Two Zones Utilized                                                                                                                                                                                                                         | 9000 + 9000<br>9000 + 12000<br>12000 + 12000                  | 9000 + 12000<br>9000 + 18000<br>12000 + 12000<br>12000 + 18000<br>18000 + 18000                                                           | 9000 + 24000<br>12000 + 24000<br>18000 + 24000                                                                                                        | 12000 + 18000<br>18000 + 18000<br>24000 + 24000                                                                                                         |
|                                                                                                                                                                                                                                            |                                                               | 9000 + 9000 + 9000<br>9000 + 9000 + 12000<br>9000 + 9000 + 18000<br>9000 + 12000 + 12000<br>9000 + 12000 + 18000<br>12000 + 12000 + 12000 | 9000 + 9000 + 12000<br>9000 + 9000 + 24000<br>9000 + 12000 + 18000<br>12000 + 12000 + 18000                                                           | 9000 + 9000 + 18000<br>9000 + 12000 + 12000<br>9000 + 12000 + 24000<br>12000 + 12000 + 24000                                                            |
|                                                                                                                                                                                                                                            |                                                               |                                                                                                                                           | 9000 + 9000 + 9000 + 9000<br>9000 + 9000 + 9000 + 18000<br>9000 + 9000 + 12000 + 12000<br>9000 + 9000 + 12000 + 12000<br>9000 + 12000 + 12000 + 12000 | 9000 + 9000 + 9000 + 12000<br>9000 + 9000 + 9000 + 24000<br>9000 + 9000 + 12000 + 18000<br>9000 + 9000 + 12000 + 18000<br>12000 + 12000 + 12000 + 12000 |
| WT009, WT012                                                                                                                                                                                                                               |                                                               |                                                                                                                                           | WT009, WT012, WT018                                                                                                                                   |                                                                                                                                                         |
| WT009, WT012, WT018                                                                                                                                                                                                                        |                                                               |                                                                                                                                           | WT009, WT012, WT018, WT024                                                                                                                            |                                                                                                                                                         |
| Different models of all available matching indoor units can be combined together in any order to create a multi zone split system, up to a quantity of the number of available circuits.                                                   |                                                               |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |
| Not all available circuits need to be utilized with an attached indoor unit. 66% or higher of the total capacity utilization is recommended.                                                                                               |                                                               |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |
| Every indoor unit attached to a multi zone system will operate at a random, self regulated capacity, based on the actual demand it measures from the zone it is serving (Between 30% to 100% of its rated capacity) or turn OFF as needed. |                                                               |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |
| Outdoor unit will also self regulate its total output capacity, based on the total demand it reads from all of the simultaneously running indoor units at any given moment, up to its maximum rating capacity.                             |                                                               |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |
| With multi split systems, the total demand from the outdoor unit, will seldomly exceed 75% of the total available capacity of the combined indoor unit group due to load fluctuations of each indoor unit.                                 |                                                               |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |
| Therefore, total attached indoor unit capacity can be selected up to 133% of the supporting outdoor unit's rated capacity.                                                                                                                 |                                                               |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |
| Although very seldom, if the total demand from the combined group of indoor units' exceeds the rated capacity of the outdoor unit, the capacity of the each indoor unit will be annotated accordingly.                                     |                                                               |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |
| For high demand applications, max loading limits may need to be reduced up to 20% to avoid underperformance risks during some extreme conditions.                                                                                          |                                                               |                                                                                                                                           |                                                                                                                                                       |                                                                                                                                                         |