



Models / Modelos  
TDCU1PH\_

Top Discharge  
Condensing Unit

FIXED SPEED  
10 SEER

## SPECIFICATIONS / ESPECIFICACIONES

| Model                  |                                                      | TDCU1PH24              | TDCU1PH36              | TDCU1PH48              | TDCU1PH60              |
|------------------------|------------------------------------------------------|------------------------|------------------------|------------------------|------------------------|
| Power supply           | V,HZ,Ph                                              | 220V-1Ph-60Hz          | 220V-1Ph-60Hz          | 220V-1Ph-60Hz          | 220V-1Ph-60Hz          |
| Max. input consumption | W                                                    | 2620                   | 2960                   | 5936                   | 7250                   |
| Max. current           | A                                                    | 13.2                   | 19.8                   | 29.3                   | 43.1                   |
| Compressor             | Model                                                | PA240M2A-3MTU2         | ASH264RN-C8DU          | ABT042KTA              | ABT054KAA              |
|                        | Type                                                 | Rotary                 | Rotary                 | scroll                 | scroll                 |
|                        | Brand                                                | GMCC                   | HIGHLY                 | LG                     | LG                     |
|                        | Qty                                                  | 1                      | 1                      | 1                      | 1                      |
|                        | Capacity                                             | W                      | 7220                   | 9515                   | 12368                  |
|                        | Input                                                | W                      | 2475                   | 2605                   | 3980                   |
|                        | Rated current(RLA)                                   | A                      | 11.75                  | 11.44                  | 17.46                  |
|                        | Thermal protector                                    | Inner                  | Inner                  | Inner                  | Inner                  |
|                        | Capacitor                                            | uF                     | 55                     | 40                     | 70                     |
|                        | Refrigerant oil                                      | ml                     | 440                    | 600                    | 1360                   |
|                        | Refrigerant                                          | R410a                  | R410a                  | R410a                  | R410a                  |
| Outdoor fan motor      | Model                                                | YDK-160-6P2            | YDK-160-6P2            | YDK-230-6P2            | YDK-230-6P2            |
|                        | Brand                                                | Weiling                | Weiling                | Weiling                | Weiling                |
|                        | Input                                                | W                      | 356.00                 | 510.00                 | 510.00                 |
|                        | Capacitor                                            | uF                     | 6uF/450V               | 6uF/450V               | 12uF/450V              |
|                        | Speed                                                | r/min                  | 1100                   | 1100                   | 1095                   |
| Outdoor coil           | Number of rows                                       | 1                      | 1                      | 1                      | 1                      |
|                        | Fin spacing                                          | mm                     | 1.4                    | 1.4                    | 1.4                    |
|                        | Fin type                                             | Unhydrophilic aluminum | Unhydrophilic aluminum | Unhydrophilic aluminum | Unhydrophilic aluminum |
|                        | Coil length x height x width                         | mm                     | 1486x558x13.37         | 1486x558x13.37         | 2148x798x13.37         |
|                        | Number of circuits                                   |                        | 2                      | 2                      | 5                      |
|                        | Tube O.D and type                                    | mm                     | 7.00                   | 7.00                   | 7.00                   |
| Outdoor noise level    |                                                      | dB(A)                  | 65                     | 65                     | 65                     |
| Dimension              | Body (WxDxH)                                         | mm                     | 554x554x633            | 554x554x633            | 740x740x835            |
|                        | Packing (WxDxH)                                      | mm                     | 575x575x660            | 575x575x660            | 760x760x875            |
| Net/Gross weight       |                                                      | kg                     | 46/49                  | 46.5/49.5              | 81.5/86.5              |
| Refrigerant charge     |                                                      | g                      | R410A/1200             | R410A/1400             | R410A/1900             |
| Throttle type          |                                                      |                        | Indoor Piston          | Indoor Piston          | Indoor Piston          |
| Refrigerant piping     | Liquid side/ Gas side                                | mm                     | Φ9.52/Φ15.88           | Φ9.52/Φ19.05           | Φ9.52/Φ19.05           |
|                        | Max. refrigerant pipe length                         | m                      | 20                     | 20                     | 20                     |
|                        | Max. difference between outdoor unit and indoor unit | m                      | 10                     | 10                     | 10                     |
| Ambient temp           |                                                      |                        | 16~43                  | 16~43                  | 16~43                  |

