



# PACKAGE UNITS – Cooling Only

## CTPU Series

**220/3/60**  
**7.5 to 30 Tons**



### Reliable scroll compressor

**Copeland**.. More reliable.  
**No complex internal** suction and discharge valves for quieter operation and higher reliability.  
**Compact**, light-weight, and fewer moving parts design.

### Multi-protection design

**Multiply measures** to ensure units operate normally and reliably:  
**System current protection**, High/low pressure protection, Temperature sensor protection, etc.  
**Three-phase protector** can be customized.

### Durable construction

**Pre-painted exterior** cabinet panels pass 500 hours Salt Spray Test for durability.  
**Weather-resistant construction** with capped steams and sloped top panels.  
**G90 galvanized** heavy gauge plate conforming to **ASTM-A-653**.

| MODEL                             |                  | CTPU-C-090-C-MM-1    | CTPU-C-120-C-MM-1    | CTPU-C-180-C-MM-1     | CTPU-C-240-C-MM-1     | CTPU-C-300-C-MM-1       | CTPU-C-360-C-MM-1     |                    |
|-----------------------------------|------------------|----------------------|----------------------|-----------------------|-----------------------|-------------------------|-----------------------|--------------------|
| Nominal Ton (*)                   |                  | 7.5                  | 10                   | 15                    | 20                    | 25                      | 30                    |                    |
| Voltage                           |                  | 220/3/60             |                      |                       |                       |                         |                       |                    |
| Cooling                           | Capacity (1)     | Btu/h                | 89,000               | 120,000               | 180,000               | 240,000                 | 300,000               | 360,000            |
|                                   |                  | w                    | 26,100               | 35,200                | 52,800                | 70,300                  | 87,900                | 105,500            |
|                                   | Input (1)        | w                    | 7,800                | 10,700                | 16,200                | 21,900                  | 27,800                | 36,000             |
|                                   |                  | EER (1)              | Btu/hW               | 11.4                  | 11.2                  | 11.1                    | 11.0                  | 10.8               |
| Airflow                           | Indoor side      | CFM                  | 2,700                | 4,120                 | 6,450                 | 8,580                   | 11,138                | 11,000             |
| External static pressure          | Pa               | Default: 80; 0 - 250 | Default: 90; 0 - 250 | Default: 110; 0 - 300 | Default: 120; 0 - 375 | Default: 250; 125 - 450 | Default: 270; 0 - 400 |                    |
| Max. power input                  | w                | 11,300               | 17,500               | 25,000                | 36,000                | 45,000                  | 45,800                |                    |
| Max. current                      | A                | 42.4                 | 57.4                 | 88.3                  | 124.6                 | 150.0                   | 148.0                 |                    |
| Compressor                        | Type/ Quantity   | Scroll / 1           |                      |                       | Scroll / 2            |                         |                       |                    |
|                                   | Brand            | Copeland             |                      |                       |                       |                         |                       |                    |
| Indoor fan                        | Type/ Drive type | Centrifugal / Direct |                      | Centrifugal / Belt    |                       |                         |                       |                    |
| Outdoor fan                       |                  | Axial / Direct       |                      |                       |                       |                         |                       |                    |
| Centralized controller (Optional) |                  | Yes                  |                      |                       |                       |                         |                       |                    |
| Sound pressure level              | dB(A)            | 75.6                 | 75.7                 | 76.8                  | 78.3                  | 79.2                    | 79.6                  |                    |
| Ambient temperature               |                  | 10°C - 52°C          |                      |                       |                       |                         |                       |                    |
| Dimension                         | Net (WxHxD)      | mm                   | 1,475x840x 1,130     | 1,483x1,231x 1,138    | 1,965x1,230x 1,130    | 1,670x1,247x2,192       | 2,320x1,245x2,220     | 2,220x 1,245x2,320 |
|                                   | Packing (WxHxD)  | mm                   | 1,495x870x 1,150     | 1,500x1,255x 1,155    | 1,995x1,255x 1,160    | 1,695x1,284x2,212       | 2,330x1,275x2,230     | 2,230x1,275x2,330  |
| Weight                            | Net / Gross      | kg                   | 235/240              | 325/335               | 470/485               | 670/700                 | 895/925               | 940/970            |

- Notes:
- Cooling capacity test condition (1): Outdoor ambient temperature: 35°C, indoor temperature 26.°C DB/19.4°C WB;
  - Units are suitable for operation to ±20% of nominal CFM;
  - Sound values are measured in a semi-anechoic room, at a position 1 mts. in front of the unit and (1 rnetter + height of unit)/ 2 above the floor.
  - Specifications are subject to change without prior notice for product improvement.
  - (\*)Nominal Ton only for reference.
  - Cooling capacity as per specifications.