

# FIBER GLASS CONDENSING UNIT

MODEL: FG-H-CU

CAPACITY: 0.8 to 5.0 Tons

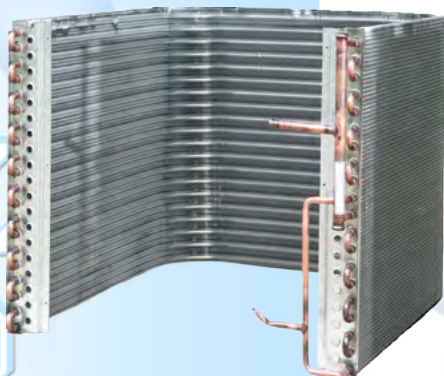
10,000 to 60,000 BtuH

2.9 to 17.5 KW

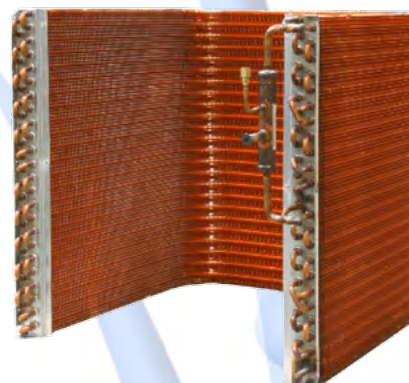


Optional  
Thermo Guard

FG-H-CU condensing unit



Optional  
Aluminium Fin



Optional  
Copper Fin

## Features/Benefits

Fiber Glass units: The casing of “FG-H-CU” condensing unit is made from finely selected quality fiberglass resists to corrosion and rust in any kind of weather conditions include marine industries, an ideal choice for marine, industries, tannery and seafood processing factories located in seashore where acidic climate erodes metallic surfaces. Available with Copper Fin and Aluminium Fin to select for the application. Fiber Glass units can also act as a Ex-proof unit by changing the motor to Ex-proof motor and Ex-proof electrical terminal box with liquid tight flexible connection between equipment and control box.

## PERFORMANCE DATA

| CONDENSING UNIT  |            |  |        |        |        |         |        |                          |        |        |
|------------------|------------|--|--------|--------|--------|---------|--------|--------------------------|--------|--------|
| MODEL: FG-CU     |            | 10   | 12     | 18     | 25     | 30      | 361    | 363                      | 50     | 60     |
| Nominal Capacity | BTUH       | 10,000   | 12,000 | 18,000 | 24,000 | 30,000  | 36,000 | 36,000                   | 50,000 | 60,000 |
|                  | Tons       | 0.83   | 1.00   | 1.50   | 2.00   | 2.50    | 3.00   | 3.00                     | 4.17   | 5.00   |
|                  | WATT       | 2,928  | 3,514  | 5,271  | 7,027  | 8,784   | 10,541 | 10,541                   | 14,641 | 17,569 |
| Compressor       | TYPE       | Rotory / Scroll / Reciprocating                    |        |        |        |         |        |                          |        |        |
| Power            | WATT       | 953  | 1,203  | 1,956  | 2,476  | 2,776   | 3,196  | 3,166                    | 4,582  | 5,402  |
| Current          | AMP        | 4.20   | 6.16   | 8.90   | 10.91  | 16.4    | 17.10  | 7.10                     | 9.79   | 10.89  |
| Power Supply     | V / P / Hz | 220V/1P/50Hz                                       |        |        |        |         |        | 380V ~ 415V / 3PH / 50Hz |        |        |
| Power Supply     | V / P / Hz | 208V/1P/60Hz                                       |        |        |        |         |        | 440V ~ 480V / 3PH / 60Hz |        |        |
| Fan              | TYPE       | Propeller Fan "Plastic"                            |        |        |        |         |        |                          |        |        |
|                  | QTY.       | 1  |        |        |        |         |        |                          | 2      |        |
| Motor            | Power      | WATT   | 33     | 57     | 117    | 117 x 2 |        |                          |        |        |
|                  | Current    | AMP  | 0.35   | 0.5    | 0.89   |         |        |                          |        |        |
| Power Supply     | V / P / Hz | 220V/1P/50Hz                                       |        |        |        |         |        | 380V/1P/50Hz             |        |        |
| Power Supply     | V / P / Hz | 208V/1P/60Hz                                       |        |        |        |         |        | 440V/1P/60Hz             |        |        |
| Coil             | TYPE       | Aluminium Louver Fin With Inner Groove Copper Tube |        |        |        |         |        |                          |        |        |
|                  |            | Copper Louver Fin With Inner Groove Copper Tube    |        |        |        |         |        |                          |        |        |
| Connection       |            |  |        |        |        |         |        |                          |        |        |
| Suction Line     | INCH (OD)  | 1/2  | 5/8    | 3/4    |        |         |        |                          |        |        |
| Liquid Line      | INCH (OD)  | 3/8  |        |        |        |         |        |                          | 1/2    |        |
| Dimension        | Width      | mm.  | 859    | 1001   |        |         |        |                          | 1011   |        |
|                  | Height     | mm.  | 581    | 632    | 835    |         |        | 1241                     |        |        |
|                  | Depth      | mm.  | 360    | 410    |        |         |        |                          |        |        |
| Weight           | KGS.       | 44   | 48     | 64     | 75     | 88      | 92     | 110                      | 120    |        |
| Refrigerant      | TYPE       | R-22 (R-407C On Request Only)                      |        |        |        |         |        |                          |        |        |

Note:  
FG-H-CU: Horizontal Fibre Glass Cabinet Condensing unit