



38LHU Series

Air Cooled Condensing Unit

48,000-200,000 BTUH



38LHU Series



Features

- Environment friendly with R-410A refrigerant for all range comply.
- Flexible Air Discharge Configuration - vertically (STD.) or horizontally.
- Direct Driven Condenser Fan - ensures quiet, dependable operation.
- Fully Hermetic Scroll Compressor - high efficiency, high reliability.
- High & Low Pressure Switches - ensures compressor protection.
- Shut off Service Valve - servicable units.

The Practical and Versatile 38LHU Air Cooled Condensing Units

Carrier introduces yet another innovative range of air conditioners - the **38LHU** condensing units.

A versatile, energy-efficient series that adds a new dimension to air conditioning. Elegant designed and offering cool, quiet comfort, it is ideal for your home or office. Choose from 7 size of cooling capacity, there's one for every room requirement.

Physical Data

| Description | | Air Cooled Condensing Unit | | | | | | | | |
|--------------------------|---------------------------|---------------------------------------|--|---------|---------|-----------------|----------|-----------------|-------------|--|
| Product Model | | 38LHU | 048S301 | 060S301 | 078S301 | 100S301 | 120S301 | 150S301 | 200S301 | |
| Power Supply | V/Ph/Hz | 380-415Volt / 3Phase / 50Hz. (4wires) | | | | | | | | |
| Nominal Cooling Capacity | W | 14,000 | 17,500 | 22,800 | 29,300 | 35,100 | 43,900 | 58,600 | | |
| | Btu/hr. | 48,000 | 60,000 | 78,000 | 100,000 | 120,000 | 150,000 | 200,000 | | |
| Power Consumption | W | 4,580 | 5,590 | 6,680 | 8,810 | 11,130 | 13,380 | 16,850 | | |
| Operating Current | Amp. | 9.30 | 10.80 | 12.80 | 16.70 | 21.20 | 27.50 | 31.34 | | |
| Compressor | Power Supply | V/Ph/Hz | 380/3/50 | | | | | | | |
| | Compressor Type | | Scroll | | | | | | | |
| | RLA | Amp. | 8.1 | 9.8 | 12.4 | 16.6 | 19.8 | 26.3 | 27.9 | |
| | LRA | Amp. | 74.0 | 75.0 | 101.0 | 118.0 | 153.0 | 174.0 | 219.0 | |
| | QTY | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Fan Motor | Power Supply | V/Ph/Hz | 220/1/50 | | | | 380/3/50 | | | |
| | Power Input | W | 264 | 264 | 366 | 366 | 630 | 630 | 1,270 | |
| | RLA | Amp. | 1.27 | 1.27 | 1.00 | 1.00 | 2.21 | 2.21 | 3.44 | |
| | Fan Type | | Propeller | | | | | | | |
| | QTY | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Safety Device | Hi-Pressure Switch | psig | 600 ±25 / 420 ±15 (Cut out / Cut in) - Auto Restart type | | | | | | | |
| | Low-Pressure Switch | psig | 65 ±5 / 115 ±5 (Cut out / Cut in) - Auto Restart type | | | | | | | |
| Refrigerant | Type | | R-410A | | | | | | | |
| | Pre-Charging from Factory | kg. | 3.50 | 4.20 | 0.60 | 0.60 | 1.30 | 1.30 | 1.30 | |
| Piping Connections | Liquid | inch | 3/8 (Flare) | | | 1/2 (Flare) | | 5/8 (Flare) | 7/8 (Flare) | |
| | Suction | inch | 7/8 (Flare) | | | 1 1/8 (Brazing) | | 1 3/8 (Brazing) | | |
| Dimension | Height | mm. | 690 | | 845 | | 1050 | 1150 | 1150 | |
| | Width | mm. | 800 | | 900 | | 1040 | 1050 | 1050 | |
| | Depth | mm. | 725 | | 915 | | 1080 | 1190 | 1190 | |
| Weight | kg. | 103 | 120 | 195 | 225 | 260 | 295 | 335 | | |

* RATING CONDITION: OUTDOOR AMBIENT TEMPERATURE 95°F, SATURATED SUCTION TEMPERATURE 45°F

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