



38ASU Series

Air Cooled Condensing Unit

150,000–300,000 BTUH



38ASU Series



Features & Benefits

- Environment friendly with R-410A refrigerant for all range comply.
- Fully Hermetic Scroll Compressor with high efficiency and reliability.
- Dual Compressor & Dual Circuit
- Direct driven condenser fan
- High & Low pressure switches
- Small footprint
- Shut off service valves

Physical data

| Description | | Air Cooled Condensing Unit | | | | |
|---------------------------------|---------------------------|-----------------------------------|--|-----------------------|-----------------------|-----------------------|
| Product Model | 38ASU | 150S301 | 200S301 | 240S301 | 300S301 | |
| Power Supply | V/Ph/Hz | 380Volt / 3Phase / 50Hz. (4wires) | | | | |
| Nominal Cooling Capacity | W | 45,700 | 58,600 | 70,300 | 87,900 | |
| | Btu/hr. | 156,000 | 200,000 | 240,000 | 300,000 | |
| Power Consumption | W | 13,590 | 17,840 | 22,260 | 26,760 | |
| Operating Current | Amp. | 25.70 | 33.50 | 42.30 | 55.00 | |
| Compressor | Power Supply | V/Ph/Hz | 380/3/50 | | | |
| | Compressor Type | | Scroll | | | |
| | LRA | Amp. | 101.0 | 118.0 | 153.0 | 174.0 |
| | QTY | | 2 | 2 | 2 | 2 |
| Fan Motor | Power Supply | V/Ph/Hz | 380/3/50 | | | |
| | Power Input | W | 366 | 366 | 630 | 630 |
| | RLA | Amp. | 1.00 | 1.00 | 2.21 | 2.21 |
| | Fan Type | | Propeller | | | |
| | QTY | | 2 | 2 | 2 | 2 |
| | P-Fan Diameter | inch | 24 | 24 | 28 | 28 |
| Drive Type | | Direct | | | | |
| 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. | 1.00 x 2 | 1.00 x 2 | 1.50 x 2 | 2.00 x 2 |
| Piping Connections (2 Circuits) | Liquid | Q'ty.....inch | 2.....1/2 (Flare) | 2.....1/2 (Flare) | 2.....1/2 (Flare) | 2.....5/8 (Flare) |
| | Suction | Q'ty.....inch | 2.....7/8 (Flare) | 2.....1-1/8 (Brazing) | 2.....1-1/8 (Brazing) | 2.....1-1/8 (Brazing) |
| Dimension | Height | mm. | 970 | 970 | 1,122 | 1,122 |
| | Width | mm. | 1,940 | 1,940 | 1,940 | 1,940 |
| | Depth | mm. | 1,040 | 1,040 | 1,040 | 1,040 |
| Weight | kg. | 390 | 450 | 480 | 510 | |

*RATING CONDITION: OUTDOOR AMBIENT TEMPERATURE 95°

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