



turn to the experts™ 



## 38ASC Series

*Air Cooled Condensing Unit*  
140,000–300,000 BTUH



# 38ASC Series



## Features & Benefits

- Dual Compressor & Dual Circuit
- Direct driven condenser fan
- High & Low pressure switches
- Small footprint
- Unload Start
- Fully Hermetic Scroll Compressor
- Shut off service valves

### Physical Data

| Description          |            | AIR COOLED CONDENSING UNIT |             |             |              |
|----------------------|------------|----------------------------|-------------|-------------|--------------|
| Model                |            | 38ASC140                   | 38ASC200    | 38ASC240    | 38ASC300     |
| Nominal Capacity*    | BTU/HR     | 140,000                    | 200,000     | 240,000     | 300,000      |
|                      | KW         | 41.0                       | 58.6        | 70.3        | 87.9         |
| Power Supply         | V/Ph/Hz    | 380/3/50                   |             |             |              |
| Operating Weight     | kg.        | 386                        | 418         | 480         | 510          |
| R-22 Pre-charged     | kg.        | 2                          | 2           | 3           | 3            |
| Operating Charged    | kg.        | 10.5                       | 12.7        | 13.6        | 16.5         |
| Refrigerant          |            | R-22                       |             |             |              |
| Compressor           |            | HERMATIC SCROLL            |             |             |              |
| Quantity...Model     |            | 2...ZR81KC                 | 2...ZR125KC | 2...ZR144KC | 2...ZR190KC  |
| Condenser Fan Type   |            | PROPELLER, DIRECT DRIVE    |             |             |              |
| Quantity...Diameter  | Inch       | 2...24                     | 2...24      | 2...28      | 2...28       |
| Nominal Air Flow     | CFM        | 15,000                     | 15,000      | 19,000      | 18,000       |
| Fan Motor            | Qty...HP   | 2...1/3                    |             | 2...1       |              |
| Power Supply         | V/Ph/Hz    | 220/1/50                   |             |             |              |
| Condenser Coil       |            | Aluminium Fin Copper Tube  |             |             |              |
| Row...Fin/Inch       |            | 1.5...15                   | 2...15      | 2...15      | 2...18       |
| Tube Type            |            | Smooth                     |             |             | Inner Groove |
| High Pressure Switch | PSIG       | CUT IN-OUT 275-365 PSI     |             |             |              |
| Low Pressure Switch  | PSIG       | CUT IN-OUT 50-35 PSI       |             |             |              |
| Pipe Connection      |            | 2 CIRCUITS                 |             |             |              |
| Liquid Valve         | Qty...Inch | 2...1/2                    |             | 2...5/8     |              |
| Suction Valve        | Qty...Inch | 2...1-1/8                  |             |             | 2...1-3/8    |
| Unit Dimension       |            |                            |             |             |              |
| Height               | mm.        | 970                        |             | 1,122       |              |
| Width                | mm.        | 1,940                      |             |             |              |
| Depth                | mm.        | 1,040                      |             |             |              |

\* RATING CONDITION: OUTDOOR AMBIENT TEMPERATURE 95°

### Electrical Data

| Unit Model | Nominal Voltage | Voltage Range |      | Compressor |         | Fan Motor |         |
|------------|-----------------|---------------|------|------------|---------|-----------|---------|
|            |                 | Min.          | Max. | RLA        | LRA     | QTY       | RLA(ea) |
| 38ASC140   | 380-3-50        | 342           | 415  | 2...12.0   | 2...101 | 2         | 1.75    |
| 38ASC200   | 380-3-50        | 342           | 415  | 2...19.2   | 2...114 | 2         | 1.75    |
| 38ASC240   | 380-3-50        | 342           | 415  | 2...22.1   | 2...125 | 2         | 5.1     |
| 38ASC300   | 380-3-50        | 342           | 415  | 2...35.0   | 2...175 | 2         | 5.1     |

RLA : Rated Load Amps.

LRA : Locked Rotor Amps.



บริษัท แคนเรีย (ประเทศไทย) จำกัด

ชั้น 14-15 อาคารเนชั่น ทาวเวอร์  
1858/63-74 ถ.บางนา-ตราด กม. 4.5  
บางนา กรุงเทพฯ 10260  
โทร. 0-2751-4777 แฟกซ์: 0-2751-4778

Carrier (Thailand) Ltd.

14-15<sup>th</sup> Fl., Nation Tower,  
1858/63-74 Bangna-Trad Road Km. 4.5, Bangna,  
Bangkok 10260 Thailand  
Tel.: 0-2751-4777 Fax: 0-2751-4778

YOUR CARRIER MAN :