



40LAS-X Series

Direct Expansion Fan Coil Unit
48,000-150,000 BTU



40LAS-X Series



▲ 40LAS-X Series (Size : 004/006)



▲ 40LAS-X Series (Size : 007/009/012/015)

The New, Versatile & Energy Efficient 40LAS-X Chilled Water Fan Coil Unit.

The Carrier 40LAS-X Horizontal Type Chilled Water Fan Coil Units come in 6 sizes covering an air flow range between (1,600-5,000) CFM. These units have been engineered for domestic and commercial application. 40LAS-X Fan Coil Units produce nominal capacities ranging from (48,00-150,000) Btu/hr.

Features

- Direct Driven Forward Curved Centrifugal Fan - quiet operation.
- Carrier All Weather Cabinet - rugged and durable.
- Fire Retardant Insulation - minimises condensation & reduces sound levels.
- Filter(s) - easily serviceable.

Specifications

| Model | | Packaged Direct Expansion Fan Coil Unit | | | | | | | | | |
|--|-------------------------|--|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | Outdoor Unit | | 38RGT | | | | 38LB-SC | | | |
| | | | | 048S130 | 060S130 | 048 | 060 | 007 | 009 | 012 | 015 |
| | | Indoor Unit | | 40LAS-X | | | | | | | |
| | | 004 | 006 | 004 | 006 | 007 | 009 | 012 | 015 | | |
| Norminal Capacity | Cooling Capacity * | btu/h | | 48,000 | 60,000 | 48,000 | 60,000 | 78,000 | 98,000 | 120,000 | 150,000 |
| | Air Flowrate | cfm | | 1,600 | 2,000 | 1,600 | 2,000 | 2,600 | 3,200 | 4,000 | 5,000 |
| Power input | | kw | | 4.662 | 5.850 | 4.639 | 5.879 | 7.054 | 10.254 | 12.535 | 16.325 |
| Outdoor Unit (38RGT, 38LB Series) | | | | | | | | | | | |
| Power Supply | | V/Ph/Hz | | 380/3/50 | 380/3/50 | 380/3/50 | 380/3/50 | 380/3/50 | 380/3/50 | 380/3/50 | 380/3/50 |
| Dimension | Width | mm | | 905 | 905 | 800 | 800 | 900 | 900 | 1040 | 1050 |
| | Height | mm | | 1210 | 1210 | 690 | 690 | 845 | 845 | 1050 | 1150 |
| | Depth | mm | | 335 | 335 | 725 | 725 | 915 | 915 | 1192 | 1294 |
| Weight | Outdoor Unit | kg | | 96 | 100 | 97 | 100 | 209 | 209 | 240 | 260 |
| Pipe Connection | Liquid pipe connection | inch | | 3/8" | 3/8" | 3/8" | 3/8" | 1/2" | 1/2" | 5/8" | 5/8" |
| | Suction pipe connection | inch | | 7/8" | 7/8" | 7/8" | 7/8" | 1-1/8" | 1-1/8" | 1-1/8" | 1-3/8" |
| Indoor Unit (40LAS-X Series) | | | | | | | | | | | |
| Cooling Coil | Coil Arrangement | row / fpi | | 3/14 | 3/14 | 3/14 | 3/14 | 3/14 | 3/14 | 3/14 | 3/14 |
| | Coil Face Area | sq.ft | | 3.33 | 4.11 | 3.33 | 4.11 | 5.22 | 6.67 | 8.25 | 10.08 |
| | Coil/ Fin Material | | | Cu/Al | Cu/Al | Cu/Al | Cu/Al | Cu/Al | Cu/Al | Cu/Al | Cu/Al |
| Power Supply | | V/Ph/Hz | | 220/1/50 | 220/1/50 | 220/1/50 | 220/1/50 | 220/1/50 | 220/1/50 | 220/1/50 | 220/1/50 |
| Fan | Fan Size | inch | | 10"x10" | 10"x10" | 10"x10" | 10"x10" | 10"x10" | 10"x10" | 10"x10" | 12"x12" |
| | Fan Q'ty | | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| Motor | Motor Current (RLA) | Amp | | 2.11 | 4.05 | 2.11 | 4.05 | 2 x 2.11 | 2 x 2.11 | 2 x 4.05 | 2 x 4.03 |
| | Motor speed | rpm | | 890/780/620 | 945/890/800 | 890/780/620 | 945/890/800 | 890/780/620 | 890/780/620 | 945/890/800 | 790/730/650 |
| Air Filter | Type | Permanent split capacitor with internal thermal overload | | | | | | | | | |
| | Type | Synthetic | | | | | | | | | |
| Dimension | Size | mm | | 395 x 960 | 395 x 1138 | 395 x 960 | 395 x 1138 | 395 x 1395 | 465 x 1395 | 524 x 1578 | 524 x 1878 |
| | Width | mm | | 1040 | 1220 | 1040 | 1220 | 1480 | 1480 | 1660 | 1960 |
| | Height | mm | | 460 | 460 | 460 | 460 | 460 | 530 | 590 | 590 |
| Weight | Indoor Unit | kg | | 70 | 75 | 70 | 75 | 110 | 115 | 125 | 140 |
| | Insulation | Type | | PE Foam | | | | | | | |
| Pipe Connection | Thermal Conductivity | 0.032 w/m.K | | | | | | | | | |
| | Thickness | mm | | 10 | | | | | | | |
| | Liquid pipe connection | inch | | 3/8" | 3/8" | 3/8" | 3/8" | 1/2" | 1/2" | 5/8" | 5/8" |
| Suction pipe connection | inch | | 7/8" | 7/8" | 7/8" | 7/8" | 1-1/8" | 1-1/8" | 1-1/8" | 1-3/8" | |
| | Condensate drain dia. | inch | | 1/2"MPT | 1/2"MPT | 1/2"MPT | 1/2"MPT | 1/2"MPT | 1/2"MPT | 1/2"MPT | 1/2"MPT |

Remark : * Shown capacity based on : Ent. Air temp 80Fdb/67Fwb, Max air flowrate.
MPT = Male Pipe Threat

Compatible with ▶



◀ 38RGT (048-060)
Condensing Unit



◀ 38LB (048-015)
Condensing Unit

บริษัท แคนเรียร์ (ประเทศไทย) จำกัด

1858/63-74 อาคารทีซีไอเอฟ ทาวเวอร์
ชั้น 14,15 ถ.บางนา-ตราด กม. 4.5
บางนา กรุงเทพฯ 10260
โทร. 0-2762-9222 แฟกซ์: 0-2751-4778

Carrier (Thailand) Ltd.

1858/63-74, TCIF Tower,
14th, 15th Floor, Bangna-Trad Road, Km. 4.5,
Bangna, Bangkok 10260 Thailand
Tel. 0-2762-9222 Fax: 0-2751-4778



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