



42CLU/38RLU Series



*Direct Expansion Fan Coil Unit
Ceiling Concealed - Duct Type
12,283-60,000 BTU/H*

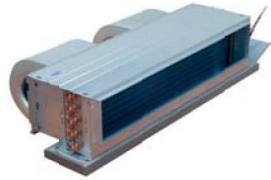


เลขที่. 2134-2553



Carrier (Thailand) Limited
www.carrier.co.th

42CLU/38RLU Series



Special Features

- Ultra-compact design-saves installation space
- High efficiency heat transfer surface
- Super quiet operation
- Low installation and maintenance cost-easy wiring, piping connections
- Installed with direct driven forward curved centrifugal fan and 4-speed high efficient motor
- Minimum power requirement for significant money saving to the owners
- Insulated drain pan
- Factory leak test
- Requires no expensive ductwork
- Ideal for new construction or renovation
- Return plenum, Cabinet available as option
- Environmental friendly with R-410A refrigerant

The Compact and Practical 42CLU Fan Coil Units

The Carrier 42CLU horizontal furred-in Fan Coils are quiet, compact and flexible. Nominal air quantity range from 400 cfm to 2,000 cfm. These units are engineered for industrial and medium static pressure.

SPECIFICATION

| Specification (รายละเอียดของเครื่อง) | | Concealed Duct Type (คอยล์เปลี่ยนซ่อนในฝ้าเพดาน) | | | | | | | | | | | | | | |
|---|---------------------------------|---|---|--------------|--------------|--------------|--------------|--------------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------|
| Model Name (ชื่อรุ่น) | Indoor (เครื่องภายใน) | 42CLU | | | | | | | | | | | | | | |
| | | 004X | 006X | 006X | 008X | 008X | 010X | 010X | 012X | 012X | 012X | 014X | 014X | 016X | 020X | |
| | Outdoor (เครื่องภายนอก) | 38RLU | | | | | | | | | | | | | | |
| | | 012R100 | 018R100 | 018S101 | 024R100 | 024S101 | 030R100 | 030S111 | 036R100 | 036S101 | 036S301 | 040S101 | 040S301 | 048S301 | 060S301 | |
| Cooling Capacity (ความสามารถในการทำความเย็น) | w. | 3,600 | 5,300 | 5,300 | 7,100 | 7,100 | 8,800 | 8,800 | 10,600 | 10,600 | 10,600 | 11,800 | 11,800 | 14,070 | 17,580 | |
| | Btu/hr. | 12,283 | 18,084 | 18,084 | 24,225 | 24,225 | 30,026 | 30,026 | 36,167 | 36,167 | 36,167 | 40,262 | 40,262 | 48,000 | 60,000 | |
| Efficiency (ค่าประสิทธิภาพ) | COP. | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 2.75 | 2.73 | |
| | EER. | 10.61 | 10.61 | 10.61 | 10.61 | 10.61 | 10.61 | 10.61 | 10.61 | 10.61 | 10.61 | 10.61 | 10.61 | 9.40 | 9.30 | |
| Power Consumption (กำลังไฟฟ้า) | w. | 1,157 | 1,704 | 1,704 | 2,282 | 2,282 | 2,830 | 2,830 | 3,412 | 3,412 | 3,412 | 3,798 | 3,798 | 5,106 | 6,452 | |
| Power Supply (ระบบไฟฟ้า) | Indoor | 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 | 220 / 1 / 50 | 220 / 1 / 50 | 220 / 1 / 50 | 220 / 1 / 50 | 220 / 1 / 50 | |
| | Outdoor | 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 | 220 / 1 / 50 | 220 / 1 / 50 | 220 / 1 / 50 | 220 / 1 / 50 | 220 / 1 / 50 | |
| Operating Current (กระแสไฟฟ้า) | Outdoor-Indoor | Amp. | 5.54 | 8.15 | 8.15 | 10.92 | 10.92 | 13.54 | 13.54 | 16.33 | 16.33 | 5.46 | 18.17 | 6.07 | 11.00 | 13.00 |
| | Indoor | Amp. | 0.51 | 0.77 | 0.77 | 0.81 | 0.81 | 1.21 | 1.21 | 1.61 | 1.61 | 1.61 | 1.70 | 1.70 | 2.35 | 2.33 |
| Indoor Air Circulation, Max. (ปริมาณลมหมุนเวียน) | cfm | 400 | 600 | 600 | 800 | 800 | 1,000 | 1,000 | 1,200 | 1,200 | 1,200 | 1,400 | 1,400 | 1,600 | 2,000 | |
| Dimension - Indoor unit (ขนาดของเครื่อง) | Height | mm. | 240 | 255 | 255 | 285 | 285 | 285 | 285 | 285 | 285 | 335 | 335 | 335 | 335 | |
| | Width | mm. | 905 | 905 | 905 | 905 | 905 | 1,030 | 1,030 | 1,195 | 1,195 | 1,195 | 1,195 | 1,385 | 1,385 | |
| | Depth | mm. | 505 | 505 | 505 | 515 | 515 | 530 | 530 | 530 | 530 | 530 | 575 | 575 | 575 | |
| Dimension - Outdoor unit (ขนาดของเครื่อง) | Height | mm. | 625 | 660 | 660 | 750 | 750 | 750 | 750 | 750 | 750 | 870 | 870 | 1,210 | 1,210 | |
| | Width | mm. | 855 | 905 | 905 | 905 | 905 | 905 | 905 | 905 | 905 | 905 | 905 | 905 | 905 | |
| | Depth | mm. | 285 | 335 | 335 | 335 | 335 | 335 | 335 | 335 | 335 | 335 | 335 | 335 | 335 | |
| Net Weight (น้ำหนักเครื่อง) | Indoor | kg. | 15 | 17 | 17 | 19.5 | 19.5 | 24 | 24 | 26 | 26 | 28 | 28 | 30 | 32 | |
| | Outdoor | kg. | 40 | 48 | 53 | 60 | 59 | 66 | 73 | 74 | 78 | 75 | 91 | 111 | 102 | |
| Expansion Device Type (ชนิดของอุปกรณ์ลดแรงดันสารทำความเย็น) | | Capillary Tube (Outdoor unit) | | | | | | | Capillary Tube (Indoor unit) | | | | | | | |
| Compressor Type (ชนิดคอมเพรสเซอร์) | | Rotary | Rotary | Scroll | Rotary | Scroll | Rotary | Scroll | Rotary | Scroll | Rotary | Scroll | Scroll | Scroll | Scroll | Scroll |
| Refrigerant Type (ชนิดสารทำความเย็น) | | R-410A | | | | | | | | | | | | | | |
| Connecting Pipe (ขนาดท่อที่ใช้) | Liquid (ท่อส่ง) | inch | 1/4 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | |
| | Suction (ท่อดูด) | inch | 1/2 | 5/8 | 5/8 | 5/8 | 5/8 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 7/8 | |
| | Coupler Style (ยี่ห้อ) | Type | Flare Connection Type (การเชื่อมต่อแบบบานพับ) | | | | | | | | | | | | | |
| Refrigerant Pipe Length (ความยาวของท่อ) | Standard (มาตรฐานการทดสอบ) | m. | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | |
| | Chargeless Pipe | m. | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | |
| | Refrigerant charge from factory | kg. | 1.05 | 1.40 | 1.40 | 1.75 | 1.75 | 2.10 | 2.10 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 3.05 | |
| | Minimum Pipe Length | m. | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Capacity Test Condition (สภาวะการทดสอบเครื่อง) | | Indoor : 27°C.db 19°C.wb; Outdoor : 35°C.db 24°C.wb | | | | | | | | | | | | | | |

*Based on test conditions for determination of cooling capacity, 80°F.db, 67°F.wb for temperature of air entering indoor side 95°F.db for temperature of air entering outdoor side.
หมายเหตุ: 2134-2553 : This standard cover room air conditioner of split type, having net total cooling effect not exceeding 12,000 watt.

Carrier reserves the right to make changes in specifications without prior notice.
บริษัทฯ ขอสงวนสิทธิ์ที่จะเปลี่ยนแปลงรายละเอียดข้างต้น โดยไม่ต้องแจ้งให้ทราบล่วงหน้า

บริษัท แครเรียร์ (ประเทศไทย) จำกัด

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



◀ 38RLU(012-040)
Condensing Unit



◀ 38RLU (048-060)
Condensing Unit



YOUR CARRIER MAN :