



# Ceiling Cassette 18, 24, 36 and 42,000 BTU Systems

SYSTEMS 18RCLX, 24RCLX, 36RCLX, 42RCLX

## Function

These models offer the ability to send up to 50% of their capacity through two branch ducts to adjacent rooms. Slender fit feature now offered on all models decreases space required above the ceiling increasing application opportunities.

## Applications

Four-way airflow, concealed flush mount design and the ability to operate in high ceiling rooms makes these systems ideal for commercial applications such as offices, conference rooms, restaurants, night clubs and bars in retrofit and new construction. Long maximum combined piping lengths of 165 to 230 feet with 60 to 98 feet of height, depending on model, allow the outdoor unit to be remotely located up to 7 stories away and far from indoor unit. The ceiling cassettes are also used in new construction condominiums and homes taking advantage of their branch duct capability to feed adjacent rooms. These heat pumps provide up to 30% additional available heat when compared to conventional models.



**Up to 16-SEER**

## Wired Controller

- Weekly timer
- Set on-off time twice a day
- Set different on-off time by day
- Set time in 5 minute intervals
- Control up to 16 indoor units



## Standard Features

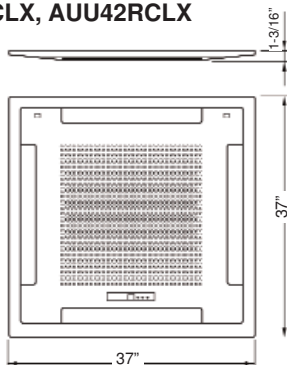
- Weekly Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Restart/Reset
- Auto Changeover
- Pump Down Operation
- Child Lock Capable
- Controls Up To 16 Systems
- Full Function Wired Remote
- Remote Controller Sensor
- Energy Saver
- Cold Prevention
- Slender Fit
- High Ceiling Mode
- Branch Duct Capable
- Low Ambient
- Auto Mode



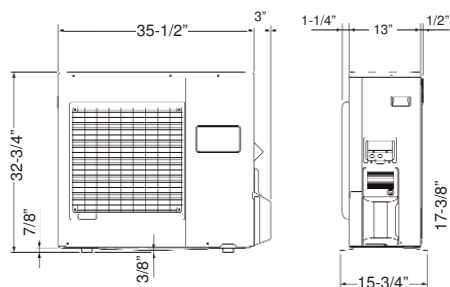
THE POSSIBILITIES ARE INFINITE

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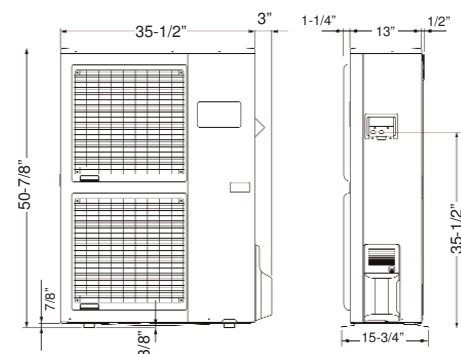
**INDOOR UNIT AUU18RCLX, AUU24RCLX, AUU36RCLX, AUU42RCLX**



**OUTDOOR UNIT AOU18RCLX, AOU24RCLX, AOU36RCLX**



**OUTDOOR UNIT AOU42RCLX**



**Please Note:** Due to the use of inverter, system is now 208-230 single phase.

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|                                       | 18RCLX            | 24RCLX            | 36RCLX            | 42RCLX            |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|
|                                       | Heat Pump         | Heat Pump         | Heat Pump         | Heat Pump         |
| Nominal Cooling <i>BTU/h</i>          | 17,800            | 22,200            | 34,100            | 42,700            |
| Min.~Max. Cooling <i>BTU/h</i>        | 5,000~21,500      | 5,000~27,300      | 8,500~36,000      | 13,700~45,000     |
| Nominal Heating <i>BTU/h</i>          | 21,000            | 24,200            | 36,000            | 45,200            |
| Min.~Max. Heating <i>BTU/h</i>        | 5,000~25,600      | 5,000~29,000      | 9,200~42,700      | 14,300~54,600     |
| HSPF <i>BTU/hW</i>                    | 8.5               | 8.5               | 8.5               | 8.5               |
| SEER <i>BTU/hW</i>                    | 16.0              | 15.0              | 14.0              | 15.0              |
| EER <i>Clg/Htg</i>                    | 11.1 / 10.2       | 10.6 / 10.2       | 8.1 / 9.7         | 9.2 / 10.5        |
| Clg. Operating Range °F(°C)           | 0~115 (-18~46)    | 0~115 (-18~46)    | 0~115 (-18~46)    | 0~115 (-18~46)    |
| Htg. Operating Range °F(°C)           | 14~75 (-10~24)    | 14~75 (-10~24)    | 14~75 (-10~24)    | 0~75 (-18~24)     |
| Moisture Removal <i>Pt.h(l/h)</i>     | 5.3 (2.5)         | 6.4 (3.0)         | 8.5 (4.0)         | 11.6 (5.5)        |
| Voltage/Frequency/Phase               | 208-230/60/1      | 208-230/60/1      | 208-230/60/1      | 208-230/60/1      |
| Recommended Fuse Size (A)             | 20                | 20                | 30                | 30                |
| Air Circ. <i>C.F.M. (m³/h):</i> Hi    | 559 (950)         | 618 (1,050)       | 942 (1,600)       | 1,000 (1,700)     |
| Medium                                | 477 (810)         | 536 (910)         | 824 (1,400)       | 854 (1,450)       |
| Low                                   | 394 (670)         | 436 (740)         | 677 (1,150)       | 736 (1,250)       |
| Noise Level <i>dB(A):</i> Hi          | 42/40 (Clg/Htg)   | 45/43 (Clg/Htg)   | 48/48 (Clg/Htg)   | 50/50 (Clg/Htg)   |
| Medium                                | 39/38 (Clg/Htg)   | 43/39 (Clg/Htg)   | 45/45 (Clg/Htg)   | 48/48 (Clg/Htg)   |
| Low                                   | 36/36 (Clg/Htg)   | 38/35 (Clg/Htg)   | 41/41 (Clg/Htg)   | 44/44 (Clg/Htg)   |
| Outdoor Fan Speed <i>RPM</i>          | 780/780           | 850/900           | 850/900           | 850/750           |
| Outdoor Noise Level <i>dB(A)</i>      | 51/53 (Clg/Htg)   | 53/55 (Clg/Htg)   | 54/55 (Clg/Htg)   | 55/56 (Clg/Htg)   |
| Current <i>Rated/Max (A):</i> Cooling | 7.0/12.5          | 9.2/12.5          | 18.3/18.8         | 20.3/21.7         |
| Heating                               | 8.9/12.5          | 10.4/12.5         | 16.1/18.8         | 18.8/21.7         |
| Power Use <i>Rated/Max (kw):</i> Clg  | 1.61/2.88         | 2.10/2.88         | 4.22/4.35         | 4.66/4.99         |
| Heating                               | 2.05/2.88         | 2.37/2.88         | 3.70/4.35         | 4.31/4.99         |
| Fan Speeds <i>Stage</i>               | 3 + Auto          | 3 + Auto          | 3 + Auto          | 3 + Auto          |
| Air Direction: <i>Horizontal</i>      | -                 | -                 | -                 | -                 |
| Vertical                              | Automatic         | Automatic         | Automatic         | Automatic         |
| Air Filter                            | Washable          | Washable          | Washable          | Washable          |
| Front Grille                          | Removable         | Removable         | Removable         | Removable         |
| Connection Method                     | Flare             | Flare             | Flare             | Flare             |
| Combined Max. Lgth <i>Ft (m)</i>      | 165 (50) Each     | 165 (50) Each     | 165 (50) Each     | 230 (70) Each     |
| Max. Vertical Diff. <i>Ft (m)</i>     | 65/20             | 65/20             | 98/30             | 98/30             |
| Conn. Pipe Diameter <i>Inch</i>       | Suc. 1/2 Dis. 1/4 | Suc. 5/8 Dis. 3/8 | Suc. 5/8 Dis. 3/8 | Suc. 5/8 Dis. 3/8 |
| Net Weight <i>lbs. (kg)</i>           | 75 (34)           | 141 (64)          | 75 (34)           | 141 (64)          |
| Dimensions: Height <i>Inch</i>        | 9-3/4             | 32-3/4            | 9-3/4             | 32-3/4            |
| <i>mm</i>                             | 246               | 830               | 246               | 830               |
| Width <i>Inch</i>                     | 32-3/4            | 35-1/2            | 32-3/4            | 35-1/2            |
| <i>mm</i>                             | 830               | 900               | 830               | 900               |
| Depth <i>Inch</i>                     | 32-3/4            | 13                | 32-3/4            | 13                |
| <i>mm</i>                             | 830               | 330               | 830               | 330               |
| Refrigerant                           | R410A             | R410A             | R410A             | R410A             |
|                                       | Indoor AUU18RCLX  | Outdoor AOU18RCLX | Indoor AUU24RCLX  | Outdoor AOU24RCLX |
|                                       | Indoor AUU36RCLX  | Outdoor AOU36RCLX | Indoor AUU42RCLX  | Outdoor AOU42RCLX |

Note: Figures are based on 230 Volts.

**FOR MORE INFORMATION:**

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