

**HIDE-AWAY TYPE**

**INVERTER**

**8.0 HP**



**Indoor unit**  
**CS-L72JD1R5**



**Outdoor unit**  
**CU-L72JD1R8**

## Features

- Inverter Control
- Auto Changeover
- Microcomputer Control
- Auto Restart
- Long Piping and High Elevation Piping
- Condenser Fin Guard
- Wide Operation Temperature  
Cooling operation range = -10°C ~ 46°C  
Heating operation range = -10°C ~ 24°C
- Two Thermistor Control
- Self-Diagnosis Function
- Child Lock Function
- Test Run Mode

## Specifications

| Items                      | Cooling Capacity                                     | Heating Capacity                                     | Power Source        | Current      | Power Input                                    | EER COP     | External Static Pressure | Noise Level          |                         | Dimensions                  |                             | Net Weight |         | Piping Connection |                | Pipe Length      |                      | Operation Range (Outdoor) |
|----------------------------|--|--|---------------------|--------------|--|-------------|--------------------------|----------------------|-------------------------|-----------------------------|-----------------------------|------------|---------|-------------------|----------------|------------------|----------------------|---------------------------|
|                            |  |  |                     |              |  |             |                          | Sound Pressure Level |                         | Indoor                      | Outdoor                     | Indoor     | Outdoor | Gas Side          | Liquid Side    | Min - Max Length | Elevation Difference |                           |
|                            |  |  |                     |              |  |             |                          | Indoor H/M/L         | Outdoor Cooling Heating |                             |                             |            |         |                   |                |                  |                      |                           |
| Indoor Outdoor             | kW Btu/h   | kW Btu/h   | Phase V Hz          | A            | kW   | W/W         | Pa                       | dB(A)                | dB(A)                   | mm (H) (W) (D)              | mm (H) (W) (D)              | kg         | kg      | O.D. mm (inch)    | O.D. mm (inch) | m                | m                    | °C                        |
| CS-L72JD1R5<br>CU-L72JD1R8 | 21.0<br>(12.6 - 23.5)<br>71,650<br>(42,990 - 80,180) | 23.5<br>(14.1 - 26.3)<br>80,180<br>(48,110 - 89,740) | 3φ<br>380-415<br>50 | 11.0<br>12.3 | 6.56<br>(3.50 - 7.60)<br>7.50<br>(4.00 - 9.20) | 3.2<br>3.13 | 180                      | 52/50/49<br>52/50/49 | 59<br>59                | 460<br>1562 (+115)*1<br>688 | 1509 (+96)*2<br>1280<br>690 | 90         | 250     | 22.2<br>(7/8*)    | 9.52<br>(3/8*) | 3-50             | 30                   | -10-46<br>-10-24          |

### Rating Conditions

|                         | Cooling         | Heating         |
|-------------------------|-----------------|-----------------|
| Inside air temperature  | 27°C DB/19°C WB | 20°C DB/15°C WB |
| Outside air temperature | 35°C DB/24°C WB | 7°C DB/6°C WB   |

- Wiring cable size must comply with the applicable local and national code.
- Specifications are subject to change without notice for further improvement.
- \*1 Add 115mm for power supply box.
- \*2 Add 96mm for fan cover height.

# Benefits

## Wired Remote Controller

- 24-Hour On/Off Timer in 1 hour intervals
- Sleep Timer
- Weekly Reservation
- 3-Step Fan Speed Selection
- Room Temperature Display
- Only 20mm Thick



### Wide Operation Temperature

Inverter can operate in a wide temperature range – the air conditioners can cool effectively when the outdoor temperature is 46°C and heat your room even when it is -10°C outside.

### Quiet Operation & Easy Servicing

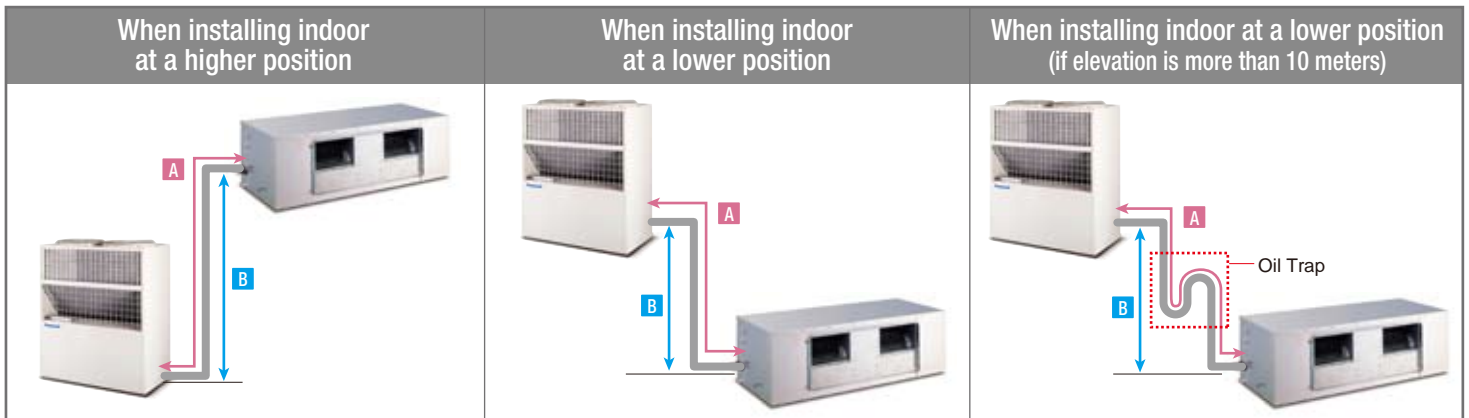
A lightweight plastic fan and housing make air conditioning operation quiet and backup servicing more convenient. The new fan housing can be easily dismantled for convenient servicing and maintenance. And the fan motor can be removed without removing the entire fan assembly.

### Self-diagnosis Function

Should a malfunction occur, the unit diagnoses the problem and shows the corresponding alphanumeric code. This allows quicker servicing.

## Piping Specification

**A** Pipe length: 3m - 50 m    **B** Elevation length: 30 m    • Additional refrigerant: 50g/m

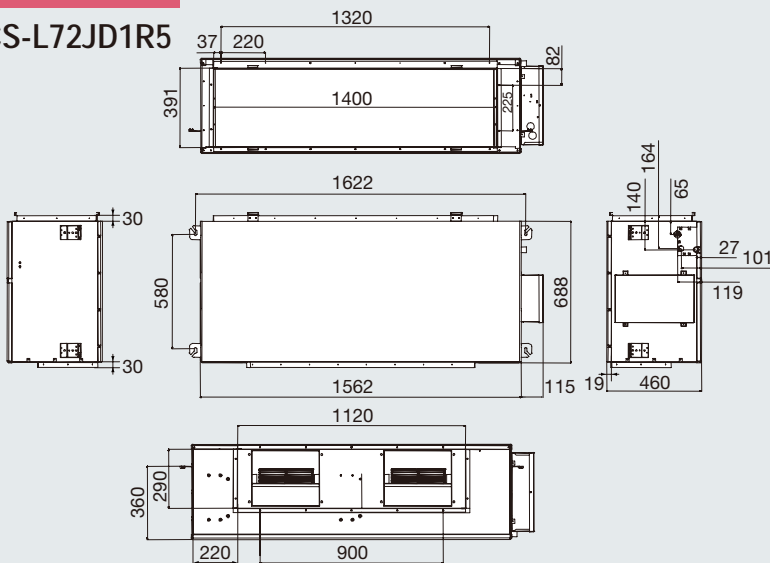


**Caution:** • Standard pipe length is 7.5 m. Refrigerant gas is pre-charged for 15m. Additional refrigerant is required when pipe length is extended more than 15 m.  
 • If the pipe length is 50 m, 1,750g of refrigerant should be added (50-15) x 50 = 1,750 g. • Improper refrigerant charge may cause in abnormal cycle. • Oil trap should be installed every 5-7 meters.

## Dimensions

### Indoor unit

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### Outdoor unit

CU-L72JD1R8

