# SANYO

# Air Conditioning
# & Heat Pump Products

SANYO

inverter

A
NEW
GENERATION
...For Tomorrow
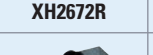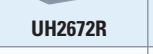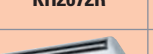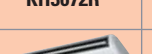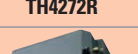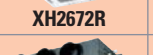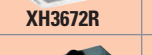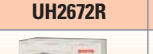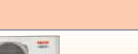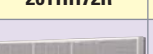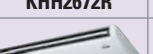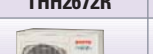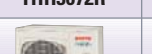
Using
R-410A Cooler On

Preliminary

# SANYO Air Conditioners & Heat Pumps

| Btu/h | 9,000 | | 12,000 | | 18,000 | | 24,000 | | 26,000 | | 30,000 | | 36,000 | | 42,000 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Type** | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient |
| **MODEL (System)** | 09KS71 | 09KLS71 | 12KS71 | 12KLS71 | 18KS72 | 18KLS72 | 24KS72 | 24KLS72 | 24KS62R 26K72R 26X72R | 24KLS62R 26T72R 26U72R | 30K72R | | 36K72R 36X72R | 36T72R 36U72R | 42T72R 42X72R | |

## AIR CONDITIONER

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Wall Mounted** | KS0971 | KS1271 | KS1872 | KS2472 | KS2462R | KH2672R | KH3072R | KH3672R | | |
| **Ceiling Suspended** | | | | | TH2672R | | | TH3672R | TH4272R | |
| **Ceiling Recessed** | | | | | XH2672R | | | XH3672R | XH4272R | |
| **Concealed Duct** | | | | | UH2672R | | | UH3672R | | |
| **Outdoor** | C0971 CL0971 | C1271 CL1271 | C1872 CL1872 | C2472 CL2472 | for KS2462R C2462R CL2462R / for KH2672R,TH2672R, XH2672R,UH2672R C2672R | C3072R | C3672R | C4272R | | |

| **MODEL (System)** | 09KHS71 | 12KHS71 | 18KHS72 | 24KHS72 | 26KH72R 26XH72R | 26TH72R 26UH72R | 30KH72R | 36KH72R 36XH72R | 36TH72R 36UH72R | 42TH72R 42XH72R |

## HEAT PUMP WITHOUT HEATER

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Wall Mounted** | KHS0971 | KHS1271 | KHS1872 | KHS2472 | KH2672R | KH3072R | KH3672R | | |
| **Ceiling Suspended** | | | | | TH2672R | | TH3672R | TH4272R | |
| **Ceiling Recessed** | | | | | XH2672R | | XH3672R | XH4272R | |
| **Concealed Duct** | | | | | UH2672R | | UH3672R | | |
| **Outdoor** | CH0971 | CH1271 | CH1872 | CH2472 | CH2672R | CH3072R | for KH3672R, TH3672R, XH3672R, UH3672R CH3672R | CH4272R | |

| **MODEL (System)** | | | | | 26KHH72R 26THH72R | | | 36THH72R | | |

## HEAT PUMP WITH HEATER

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Wall Mounted** | | | | | KHH2672R | | |
| **Ceiling Suspended** | | | | | THH2672R | | THH3672R |
| **Outdoor** | | | | | CH2672R | | CH3672R |

Single split over 26000Btu (except 24KS62R) that operates in the A/C mode down to 0°F ambient temperature.

# Model Identification

**System**
18 K H S 7 2

Cooling Capacity in BTU/h
Indoor Unit Type
- K: Wall Mounted
- T: Ceiling Suspended
- X: 4way Ceiling Recessed
- U: Conceiled Duct
- M: Muliti-Zone

Voltage: 1:115V / 2: 208/230V
Model Series No.
Wireless remote Control
Function
- H: Heat Pump
- L: Low Ambient

**Component**
K H S 18 7 2

Indoor Unit Type
- K: Wall Mounted
- T: Ceiling Suspended
- X: 4way Ceiling Recessed
- U: Conceiled Duct
- C: Outdoor unit
- M: Muliti-Zone

Voltage: 1: 115V / 2: 208/230V
Model Series No.
Cooling Capacity in BTU/h
S: Wireless remote Control
H: Heater
Function
- H: Heat Pump

**18KHS72**
Master model No. (System)

KHS1872 (Indoor unit) + CH1872 (Outdoor unit)

**NOTE: All 7 series are R410A models**

## Flexi Multi Inverter

### AIR CONDITIONER

| Btu/h | 7,000 | | 9,000 | | 12,000 | | 18,000 | | 24,000 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient |
| Wall Mounted | KMS0772 | | KMS0972 | | KMS1272 | | KMS1872 | | KMS2472 | |

| Btu/h | 19,000 | | 24,000 | | 31,000 | |
|---|---|---|---|---|---|---|
| Type | Standard | Low Ambient | Standard | Low Ambient | Standard | Low Ambient |
| Outdoor | Up to 3 Rooms / CM1972 | CLM1972 | Up to 4 Rooms / CM2472 | CLM2472 | Up to 4 Rooms / CM3172 | CLM3172 |

### HEAT PUMP

| Btu/h | 7,000 | | 9,000 | | 12,000 | | 18,000 | | 24,000 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Wall Mounted | KMHS0772 | | KMHS0972 | | KMHS1272 | | KMHS1872 | | KMHS2472 | |

| Btu/h | 19,000 | 24,000 | 31,000 |
|---|---|---|---|
| Outdoor | Up to 3 Rooms / CMH1972 | Up to 4 Rooms / CMH2472 | Up to 4 Rooms / CMH3172 |

## STW-2 Series

| | V | Heater | 7000 | 9000 | 12000 | 15000 |
|---|---|---|---|---|---|---|
| **COOL W/ HEATER** | 230/208V | 2.55kW | STW0622C2P | STW0922C2P | STW1222C2P | |
| | | 3.45kW | STW0623C2P | STW0923C2P | STW1223C2P | STW1523C2P |
| | | 5.00kW | | STW0925C2P | STW1225C2P | STW1525C2P |
| | 265V | 3.00kW | STW0633C2 | STW0933C2 | STW1233C2 | |
| | | 4.00kW | STW0634C2 | STW0934C2 | STW1234C2 | STW1534C2 |
| | | 5.00kW | | STW0935C2 | STW1235C2 | STW1535C2 |
| **HEAT PUMP W/ HEATER** | 230/208V | 2.55kW | STW0622H2P | STW0922H2P | STW1222H2P | |
| | | 3.45kW | STW0623H2P | STW0923H2P | STW1223H2P | STW1523H2P |
| | | 5.00kW | | STW0925H2P | STW1225H2P | STW1525H2P |
| | 265V | 3.00kW | STW0633H2 | STW0933H2 | STW1233H2 | |
| | | 4.00kW | STW0634H2 | STW0934H2 | STW1234H2 | STW1534H2 |
| | | 5.00kW | | STW0935H2 | STW1235H2 | STW1535H2 |

## STB-1 Series

| | V | 8000 | 10000 | 12000 |
|---|---|---|---|---|
| **COOLING ONLY** | 115V | STB0810C1P | STB1010C1P | |
| | 230/208 | | STB1020C1P | STB1220C1P |
| **COOLING W/HEATER** | 115V | STB0811C1P | | |
| | 230/208 | | STB1023C1P | STB1123C1P |
| **HEAT PUMP W/HEATER** | 230/208 | STB0823H1P | | |

3

# MODEL FEATURE CHART

OP: Option

| Feature | AIR CONDITIONERS | | LOW-AMBIENT AIR CONDITIONERS | | | | | | | HEAT PUMPS W/O HEATER | | | | | HEAT PUMPS W/ HEATER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Wall Mounted** | 09KS71 12KS71 18KS72 24KS72 | 24KS62R | 09KLS71 12KLS71 18KLS72 24KLS72 | 24KLS62R | 26K72R | 30K72R 36K72R | | | | 09KHS71 12KHS71 18KHS72 24KHS72 | 26KH72R 30KH72R 36KH72R | | | | 26KHH72R | |
| **Ceiling Suspended** | | | | | | | 26T72R 36T72R 42T72R | | | | | 26TH72R 36TH72R 42TH42R | | | | 26THH72R 36THH72R |
| **Ceiling Recessed** | | | | | | | | 26X72R 36X72R 42X72R | | | | | 26XH72R 36XH72R 42XH72R | | | |
| **Concealed Duct** | | | | | | | | | 26U72R 36U72R | | | | | 26UH72R 36UH72R | | |
| Apatite Filter | ● | – | ● | – | – | – | – | – | – | ● | | | | | | |
| Negative Ion Generator | ● | – | ● | – | – | – | – | – | – | ● | | | | | | |
| Microprocessor-Controlled Operation | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Wireless Remote Control | ● | ● | ● | ● | OP | OP | OP | OP | OP | ● | OP | OP | OP | OP | OP | OP |
| Wired Remote Control | – | OP | – | OP | OP | OP | OP | OP | OP | – | OP | OP | OP | OP | OP | OP |
| Self-Diagnosing Function | ● | ● | ● | – | ● | ● | ● | ● | ● | – | ● | ● | ● | ● | – | – |
| Dry Mode | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| 3 Fan Speeds and Automatic Fan Operation | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Air Sweep Control | ● | ● | ● | ● | ● | ● | ● | ● | – | ● | ● | ● | ● | – | ● | ● |
| Louver Control | ● | ● | ● | ● | ● | ● | ● | ● | – | ● | ● | ● | ● | – | ● | ● |
| Automatic Heating and Cooling Changeover | – | – | – | – | – | – | – | – | – | ● | ● | ● | ● | ● | ● | ● |
| Night Setback Mode for Cooling and Heating | ● | ● | ● | ● | – | – | – | – | – | ● | – | – | – | – | – | – |
| Hot Start Heating System | – | – | – | – | – | – | – | – | – | ● | ● | ● | ● | ● | ● | ● |
| 24-Hour Clock with ON/OFF Program Timer | ● | ● | ● | ● | OP | OP | OP | OP | OP | ● | OP | OP | OP | OP | OP | OP |
| 72-Hour ON/OFF Timer | – | – | – | – | OP | OP | OP | OP | OP | – | OP | OP | OP | OP | OP | OP |
| 1-Hour OFF Timer | ● | ● | ● | ● | – | – | – | – | – | ● | – | – | – | – | – | – |
| Weekly Timer | – | – | – | – | OP | OP | OP | OP | OP | – | OP | OP | OP | OP | OP | OP |
| System Controller | – | – | – | – | OP | OP | OP | OP | OP | – | OP | OP | OP | OP | OP | OP |
| Anti-Mold Filter | ● | ● | ● | ● | ● | ● | ● | ● | – | ● | ● | ● | ● | – | ● | ● |
| Filter Sign | – | – | – | – | OP | OP | OP | OP | OP | – | OP | OP | OP | – | OP | OP |
| Automatic Restart Function after Power Failure | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fresh Air Intake | – | – | – | – | – | – | OP | OP | – | – | – | OP | OP | – | – | OP |
| Duct Extension | – | – | – | – | – | – | – | ● | ● | – | – | – | ● | ● | – | – |
| Built-In Drain Pump | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Low Ambient Operation | – | – | ● | ● | ● | ● | ● | ● | ● | – | ● | ● | ● | ● | ● | ● |
| Electric Expansion Valve | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ODP=0 Refrigerant | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

# Features

## SANYO: Your Best Choice in Ductless Split Air Conditioning Systems

Sanyo's Ductless Split Air Conditioner & Heat Pump products offer wide versatility in solving your cooling and heating requirements. The Indoor unit (evaporator) is mounted inside the room, enclosed in a handsome space saving cabinet. It is connected to the outdoor unit (condenser) via refrigerant lines & inter-unit wiring through a 3-1/2" opening in the wall. Since no ductwork is required, installation is simple, fast & efficient. There is no need to use up window space or cut large openings in existing walls, which could undermine the integrity of your structure, and even pose security risks. Since the Rotary compressor is located in the outdoor unit, compressor operating noise is virtually eliminated from the indoor. The indoor unit has been uniquely designed to provide Whisper Quiet operation while delivering comfort throughout the room (s).
In addition, rotary compressors provide efficient, powerful cooling at the lowest noise levels in the industry.

## DC INVERTER is outstanding for it's RAPID COOLING & HEATING POWER.
## As soon as the temperature is reached, it automatically adjusts current frequency temperature fluctuation. It also provides "ENERGY-SAVING" (which saves your electricity charges) as well as "QUIETER OPERATION".

### ● High Power Mode

The unit operates at maximum capacity by pressing a High Power Mode button.
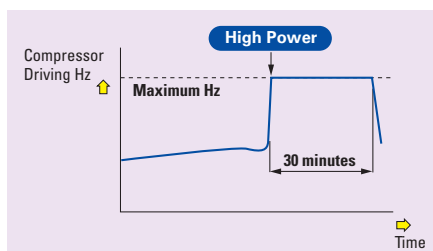
### ● Energy-Saving Operation

The DC Inverter Air Conditioner affords continuous operation, while it adjusts capacity according to the room temperature. The accurate sensing of cooling or heating loads prevents frequent changes in capacity and ensures efficient, economical operation.

### ● Quiet Operation

The DC Inverter Air Conditioner uses a twin rotary compressor. Compared to the conventional single cylinder type, the twin rotary compressor dramatically reduces vibration and noise during operation, thus ensuring quiet operation.

### ● High SEER

With the integration of inverter technology and R-410A refrigerant, our products meet the DOE of a minimum requirement of 13 SEER.

### ● R-410A

ODP (Ozone Depletion Potential) = 0 of HFC refrigerant is used.

### ● Rapid Cooling and Heating

Since the DC Inverter Air Conditioner has efficient rapid heating and cooling capacity produced by variable compressor rotation speed, it ensures quicker control of room temperatures than conventional air conditioners.
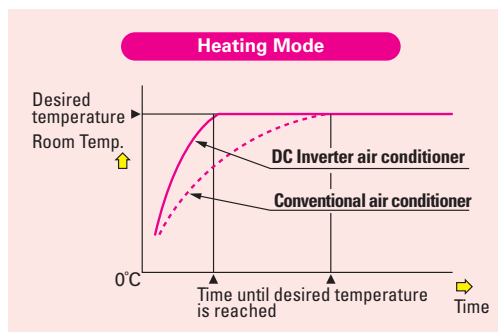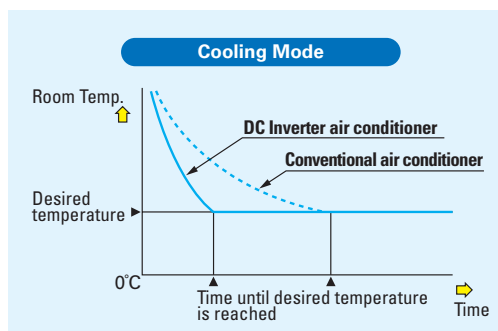
All Sanyo units are conduit connectable for more safety.

# Features

## Microprocessor-Controlled Operation
Microprocessor control ensures that the temperature and humidity levels in the room are always comfortable.

## Wireless Remote Control
Sanyo's infrared Remote Control with and easy to read LCD Display, gives the user the capability to adjust & set: temperature, sweep (louver control), fan speeds, timer, night setback and more, for complete automatic operation.

## DRY Dry Mode
By coupling compressor and fan operation, intermittent operation can be precisely controlled according to room temperature, so that air is efficiently dehumidified.

## 3 Fan Speeds and Automatic Fan Operation
Convenient microprocessor control automatically adjusts fan speed to High, Medium or Low. According to room temperature to maintain a comfortable airflow throughout the room.

## Air Sweep Control
The air sweep function moves the louver up and down in the air outlet, directing air in a "sweeping" motion around the room and providing comfort in every corner.

Flap
Cool/Dry Mode
Heat Mode
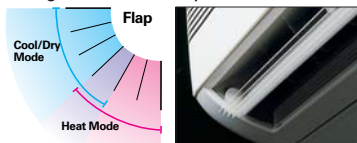
## Louver Control
Louver can be manually set to the desired angle by remote control.

## Negative Ions Generator
The abundance of negative ions is found near waterfalls and forests. The negative ions generator fills your room with negative ions throughout the year.
*Ion generating power - over 100,000 parts/cc

## Automatic Heating and Cooling Changeover
After setting the temperature and functions you desire, just relax. If the room temperature is higher than the set temperature, cooling operation begins. If the room temperature is lower than the set temperature, heating operation begins. During normal thermostat cycle operation, cooling and heating operations automatically change in accordance with set temperature, time and room temperature. (Heat Pump unit only)

## 1H Timer — 1-hour OFF Timer
When this button is pushed either while the unit is operating or while it is stopped, the unit will operate for one hour and then switch off automatically.

## 12H ON/OFF — 12-hour ON/OFF Timer
This timer can be set to automatically turn the unit on or off at any time within a 12-hour period.

## 24H PROGRAM — 24-hour Clock with ON/OFF Program Timer
The remote control unit allows you to set a wide variety of timer-based operations. Such functions include automatic ON/OFF with a timer setting, same time ON/OFF every day, ON timer, OFF timer and Combination timer.

## 72H ON/OFF — ON/OFF Timer
**Remote controller**
ON/OFF timer can be set to 0.5 hour gradations (max. 72 hours).

In Cooling and DRY Mode

Setting temperature
2°F
2°F
30 min. 30 min.
Press the NIGHT SETBACK button
Time

In Heating Mode

Setting temperature
4°F
4°F
30 min. 30 min.
Press the NIGHT SETBACK button
Time
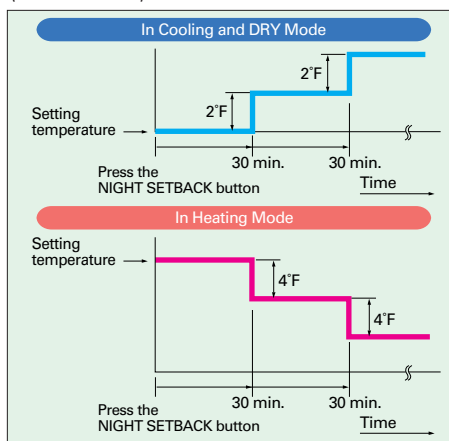
## NIGHT SET BACK — Night Setback Mode for Cooling and Heating
**Cooling and DRY Mode:** With the Night Setback Mode, the air conditioner automatically raises the setting temperature 2°F after 30 minutes, and then another 2°F after the next 30 minutes.
**Heating Mode:** With the Night Setback Mode, the setting temperature is automatically lowered 4°F after 30 minutes, and then another 4°F after the next 30 minutes. This saves energy without sacrificing comfort and is ideal for gentle cooling and heating.

## Automatic Restart Function after Power Failure
This feature allows the system to automatically resume operation at its preset program, after power is restored from a power failure.

## Hot Start Heating System
Right from the start, air is warm and comfortable. The Hot Start Heating System prevents any cold blasts at the beginning while the heat pump is warming up.
(Heat pump unit only)

## Air Clean Apatite Filter
Apatite or calcium phosphate is highly effective in trapping germs, mites and mite excrement, pollen, dirt and dust, and cigarette odor. The triple layered air clean apatite filter consists of antibacterial, deodorizing, and dust-collecting sections that maintain healthy, clean air in your room.

## Anti-Mold Filter
Filter is treated with anti-mold chemicals to prevent mold or bacteria from occurring.

## D.P. Built-In Drain Pump
Max. head 30 inches† from the bottom of the unit. (condensate pump is only for allowing drain line to meet minimum gravity flow requirements.)

## ELECTRIC Electric Refrigerant Control Valve
The circulation volume of the refrigerant is controlled by a pulse type electric control valve. In order to attain optimum efficiency, when the power is switched ON, the opening degree of the electric control valve is controlled between 90 and 480 steps. (Ceiling Recessed Models only.)

# Additional Features

## Filter sign — Filter Sign
Filter sign informs you when filter maintenance is necessary.
**2,500 hrs: X, T-types          150 hrs: K-type**

Su Mo Tu We Th Fr Sa
PM 2:25
82 °F

(RCS-TM80BG)

## Self-Diagnosing Function
Details of previous warnings are stored and can be verified on the liquid crystal display. This makes it easier to diagnose malfunctions, greatly reducing service labor. (Wired remote controller)

UNIT No.
Su Mo Tu We Th Fr Sa
1-1
P 10
82 °F
R.C. No.

(RCS-TM80BG)

# Additional Features

## Timer Remote Controller
### (RCS-TM80BG)

**Filter sign**

**Basic remote controller ON/OFF**
- Operation mode changeover (Cooling, Heating, Dry, Auto, Fan.)
- Temperature setting (Cooling/Dry: 64°F-86°F Heating: 61°F-86°F.)
- Air volume adjustment (HH, H, LL, Auto.)
- Air flow direction adjustment.

**Time Function**
- 24 hours real time clock.
- Day of the week indicator.

**Weekly Program Function**
- A maximum of 6 actions can be programmed for each day.

**Unoccupied Function**
- Allows the temperature of the conditioned space to be preset to a desired temperature, which will be maintained until manually changed. This feature is initiated by pressing the symbol 🏃 then setting the temperature by using the up or down arrows on the control. This provides a method of maintaining room temperature while at work or away on vacation, etc.

**Sleeping Function**
- This function controls the room temperature for comfortable sleeping.

**Max. 8 indoor units can be controlled from one remote controller.**

**Remote control by main remote controller and sub controller is possible.**
- Max. 2 remote controller (main remote controller and sub controller) can be installed for one indoor unit.

## System Controller
### (SHA-KC64UG)

**Filter sign**

- Used in combination with remote controllers, the system controller can control up to 64 groups of indoor units (max. 64 indoor units).
- Separating the 64 indoor units into 4 zones, each zone can be controlled individually.
- Up to 16 groups (indoor units) can be registered to each zone.
- Collective control and individual group (unit) control can also be performed.
- System without remote controller is also available.
- Up to 2 system controllers (1 main, 1 sub) can be installed in a system.
- Alarm and operation outputs for an external collected signal are available (potential free contact).

| Wireless Remote Controller | **Applicable Unit** | **X**-series (Ceiling Recessed Type)  **T**-series (Ceiling Suspended Type) | **For All Indoor Units**  **U**-series **X**-series **T**-series |
|---|---|---|---|

**72H ON/OFF**  **Filter sign**

**K**-series

**RCS-SH1UA**

**BUILT-IN TYPE**
- Signal receiving unit can be installed in the outer panel of indoor unit.
- Control panel can be installed in the inside indoor unit.

**RCS-SH80UA.WL**

**EXTERNAL TYPE**
- Separate type signal receiving unit.

**RCS-BH80UA.WL**

### Remote Controllers Functions

●: Controllable
✕: Uncontrollable

| | | | Timer Remote Controller (RCS-TM80BG) | System Controller (SHA-KC64UG) |
|---|---|---|---|---|
| **Function** | ON/OFF | | ● | ● (Collective/Individual) |
| | Operation mode switch | Heating | ● | ● (Individual) |
| | | Dry | ● | ● (Individual) |
| | | Cooling | ● | ● (Individual) |
| | | Fan | ● | ● (Individual) |
| | Temp setting | | ● | ● (Individual) |
| | Fan speed setting (Hi/Mid./Lo/Auto) | | ● | ● (Individual) |
| | Auto flap | Auto airflow direction setting | ● | ● |
| | | Arbitrary airflow direction setting | ● | ●* |
| | Sweep (Flap swing) | | ● | ●* |
| | Sensor temp. display | | ● | ✕ |
| | Self-diagnostic function | | ● | ● |
| **System** | Central control (at hand inhibited) | | ✕ | ● |
| | Group control | | ● (Up to 8 units) | ● (Up to 16 groups) |
| | Concurrent use with weekly timer | | ● | ● |
| **Setting Range** | Cooling, dry | (°F) | 65 – 86 | |
| | Heating | (°F) | 61 – 79 | |

**NOTE:**
If you use both remote controller and system controller concurrently, both controllers can be used on a last-signal priority basis.

# INVERTER Multi-System "Flexi-Multi"

## Fits with Various Sizes of Room and Life Style

The multi-system type allows a single outdoor unit to be connected to 2 to 4 indoor units.  It also solves the problem of limited installation space and does not clutter the exterior of your home.

**KMS0772 / KMS0972 / KMS1272**

**KMHS0772 / KMHS0972 / KMHS1272**

**KMS1872 / KMS2472**

**KMHS1872 / KMHS2472**

NIGHT SET BACK | AUTO | DRY | LOW AMBIENT
ELECTRIC | 24H PROGRAM | 1H Timer | R-410A

Only for CLM1972, CLM2472, CLM3172

## Indoor Unit: Wall Mounted Type

| | | | Cooling Only | | | | |
|---|---|---|---|---|---|---|---|
| **Model No.** | | | **KMS0772** | **KMS0972** | **KMS1272** | **KMS1872** | **KMS2472** |
| Power Source | | | 230V-60Hz | | | | |
| Capacity | Cooling | Btu/h | 7,500 | 9,000 | 11,900 | 17,500 | 24,200 |
| Unit Dimensions (HxWxD) | | inch | 11"-7/32" x 32"-15/32" x 7"-7/16" | | | 11"-23/32" x 41"-15/16" x 8"-19/32" | |
| Net Weight | | Lbs | 19.8 | 19.8 | 19.8 | 26.5 | 26.5 |
| Air Circulation (H/L) | Cooling | m³/h | - | - | - | - | - |
| | Heating | m³/h | - | - | - | - | - |
| Operating Sound (H/L) | Cooling | dB-A | 33 / 23 | 34 / 23 | 36 / 25 | 41 / 28 | 44 / 30 |
| | Heating | dB-A | - | | | | |
| Refrigerant | Narrow Tube | inch | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" |
| Tube Diameter | Wide Tube | inch | 3/8" | 3/8" | 3/8" | 1/2" | 5/8" |

| | | | Heat Pump | | | | |
|---|---|---|---|---|---|---|---|
| **Model No.** | | | **KMHS0772** | **KMHS0972** | **KMHS1272** | **KMHS1872** | **KMHS2472** |
| Power Source | | | 230V-60Hz | | | | |
| Capacity | Cooling | Btu/h | 7,500 | 9,000 | 11,900 | 17,500 | 24,200 |
| | Heating | Btu/h | 8,500 | 12,200 | 14,300 | 20,400 | 29,000 |
| Unit Dimensions (HxWxD) | | inch | 11"-7/32" x 32"-15/32" x 7"-7/16" | | | 11"-23/32" x 41"-15/16" x 8"-19/32" | |
| Net Weight | | Lbs | 19.8 | 19.8 | 19.8 | 26.5 | 26.5 |
| Air Circulation (H/L) | Cooling | m³/h | - | - | - | - | - |
| Operating Sound (H/L) | Cooling | dB-A | 33 / 23 | 34 / 23 | 36 / 25 | 41 / 28 | 44 / 30 |
| | Heating | dB-A | 33 / 23 | 34 / 23 | 34 / 25 | 40 / 28 | 43 / 30 |
| Refrigerant | Narrow Tube | inch | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" |
| Tube Diameter | Wide Tube | inch | 3/8" | 3/8" | 3/8" | 1/2" | 5/8" |

# DC Inverter Multi-System Outdoor Unit

**Connectable from 2 to 3 Indoor Units**
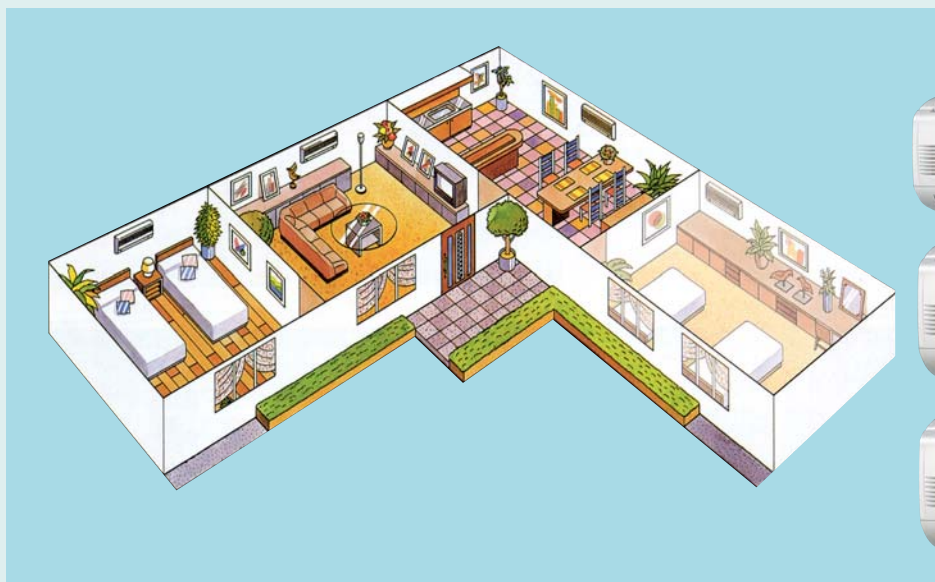


**Up to 3 Rooms**

**CM1972 / CLM1972**   **CMH1972**

| Model No. | | Oudoor Unit | CM1972 / CLM1972 | CMH1972 | |
|---|---|---|---|---|---|
| **Performance** | | | Cooling | Cooling | Heating |
| Capacity | | Btu/h | 19,700 | 19,100 | 24,800 |
| Air Flow | High | CFM | 1,700 | 1,700 | |
| Number of Connectable Indoor Units | | | 2 ~ 3 | 2 ~ 3 | |
| SEER | Cooling | | 13 | 13 | |
| HSPF | Heating | | - | 7.7 | |
| **Electrical Rating** | | | | | |
| Power Supply | | V, Phase, Hz | 230V / 208V, 1Ph, 60Hz | 230V / 208V, 1Ph, 60Hz | |
| Running Ampere | | A | 6.52 / 7.19 | 6.20 / 6.86 | 7.25 / 8.00 |
| Power Input | | W | 1,465 / 1,465 | 13.95 / 13.95 | 16.30 / 16.30 |
| **Features** | | | | | |
| Controls | | | Microprocessor | Microprocessor | |
| Fan Speeds | | | Auto (Hi, Me, Lo) | Auto (Hi, Me, Lo) | |
| Compressor | | | DC Inverter | DC Inverter | |
| Refrigerant / Amount Charged at Shipment | | g | R410A / - | R410A /- | |
| Refrigerant Control | | | Electric Expansion Valve | Electric Expansion Valve | |
| Operation Sound | Hi | dB-A | 50 | 50 | 52 |
| Refrigerant Tubing Connections | | | Flare Type | Flare Type | |
| Max. Allowable Tubing Length per Unit | | Ft | 150 | 150 | |
| Refrigerant | Narrow Tube | inch | 1/4" x 3" | 1/4" x 3" | |
| Tube Diameter | Wide Tube | inch | 3/8" x 2" / 1/2" x 1" | 3/8" x 2"  / 1/2" x 1" | |
| **Dimensions & Weight** | | | | | |
| Unit Dimensions | H x W x D | inch | 29"-1/8" x 35"-1/2" x 12"-5/8" | 29"-1/8" x 35"-1/2" x 12"-5/8" | |
| Net Weight | | Lbs | 138 | 143 | |

**IMPORTANT**
It is not possible to connect an outdoor unit to only a single indoor unit. If operated with only ONE indoor unit installed, the returning refrigerant to the compressor may cause a malfunction.

# DC Inverter Multi-System Outdoor Unit

**Connectable from 2 to 4 Indoor Units**

## Up to **4** Rooms

**CM2472 / CLM2472**     **CMH2472**

| Model No. | Oudoor Unit | | CM2472 / CLM2472 | CMH2472 | |
|---|---|---|---|---|---|
| **Performance** | | | **Cooling** | **Cooling** | **Heating** |
| Capacity | | Btu/h | 25,400 | 23,200 | 29,200 |
| Air Flow | High | CFM | 1,700 | 1,700 | |
| Number of Connectable Indoor Units | | | 2 ~ 4 | 2 ~ 4 | |
| SEER | Cooling | | 13 | 13 | |
| HSPF | Heating | | - | 7.7 | |
| **Electrical Rating** | | | | | |
| Power Supply | | V, Phase, Hz | 230V / 208V, 1Ph, 60Hz | 230V / 208V, 1Ph, 60Hz | |
| Running Ampere | | A | 10.91 / 12.05 | 8.60 / 9.50 | 9.62 / 10.63 |
| Power Input | | W | 2,455 / 2,455 | 1,935 / 1,935 | 2,165 / 2,165 |
| **Features** | | | | | |
| Controls | | | Microprocessor | Microprocessor | |
| Fan Speeds | | | Auto (Hi, Me, Lo) | Auto (Hi, Me, Lo) | |
| Compressor | | | DC Inverter | DC Inverter | |
| Refrigerant/Amount Charged at Shipment | | g | R410A/- | R410A / - | |
| Refrigerant Control | | | Electric Expansion Valve | Electric Expansion Valve | |
| Operation Sound | Hi | dB-A | 50 | 50 | 52 |
| Refrigerant Tubing Connections | | | Flare Type | Flare Type | |
| Max. Allowable Tubing Length per Unit | | Ft | 200 | 200 | |
| Refrigerant | Narrow Tube | inch | 1/4" x 4" | 1/4" x 3" | |
| Tube Diameter | Wide Tube | inch | 3/8" x 2" / 1/2" x 1" / 5/8" x 1" | 3/8" x 2" / 1/2" x 1" / 5/8" x 1" | |
| **Dimensions & Weight** | | | | | |
| Unit Dimensions | H x W x D | inch | 29"-1/8" x 35"-1/2" x 12"-5/8" | 29"-1/8" x 35"-1/2" x 12"-5/8" | |
| Net Weight | | Lbs | | | |

**IMPORTANT**
It is not possible to connect an outdoor unit to only a single indoor unit. If operated with only ONE indoor unit installed, the returning refrigerant to the compressor may cause a malfunction.

**Connectable from 2 to 4 Indoor Units**



**Up to 4 Rooms**

**CM3172 / CLM3172**          **CMH3172**

| Model No. | Oudoor Unit | CM3172 / CLM3172 | CMH3172 | |
|---|---|---|---|---|
| **Performance** | | **Cooling** | **Cooling** | **Heating** |
| Capacity | Btu/h | 30,600 | 30,600 | 32,000 |
| Air Circulation (High)        High | m³/h | 1,940 | | |
| Number of Connectable Indoor Units | | 2 ~ 4 | 2 ~ 4 | |
| SEER        Cooling | | 13 | 13 | |
| HSPF        Heating | | - | 7.7 | |
| **Electrical Rating** | | | | |
| Power Supply | V, Phase, Hz | 230V / 208V, 1Ph, 60Hz | 230V / 208V, 1Ph, 60Hz | |
| Running Ampere | A | 11.70 / 12.90 | 11.70 / 12.90 | 9.70 / 10.70 |
| Power Input | W | 2,660 / 2,660 | 2,660 / 2,660 | 2,210 / 2,210 |
| **Features** | | | | |
| Controls | | Microprocessor | Microprocessor | |
| Fan Speeds | | Auto (Hi, Me, Lo) | Auto (Hi, Me, Lo) | |
| Compressor | | DC Inverter | DC Inverter | |
| Refrigerant/Amount Charged at Shipment | g | R410A / - | R410A / - | |
| Refrigerant Control | | Electric Expansion Valve | Electric Expansion Valve | |
| Operation Sound        Hi | dB-A | 53 | 53 | 52 |
| Refrigerant Tubing Connections | | Flare Type | Flare Type | |
| Max. Allowable Tubing Length per Unit | Ft | 230 | 230 | |
| Refrigerant        Narrow Tube | inch | 1/4" x 4" | 1/4" x 3" | |
| Tube Diameter        Wide Tube | inch | 3/8" x 2" / 1/2" x 1" / 5/8" x 1" | 3/8" x 2" / 1/2" x 1" / 5/8" x 1" | |
| **Dimensions & Weight** | | | | |
| Unit Dimensions        H x W x D | inch | 35"-1/32" x 35"-1/2" x 12"-5/8" | 35"-1/32" x 35"-1/2" x 12"-5/8" | |
| Net Weight | Lbs | | | |

**IMPORTANT**
It is not possible to connect an outdoor unit to only a single indoor unit. If operated with only ONE indoor unit installed, the returning refrigerant to the compressor may cause a malfunction.