

WIRED REMOTE  
CONTROLLER 7 DAY  
PROGRAMMABLE  
KSACN0601AAA &  
KSACN0701AAA

2020-05

# Wired Controller KSACN0601AAA & KSACN0701AAA

2 models **backward compatible**:

- **KSACN0601AAA** for the High Walls and Consoles size 12
- **KSACN0701AAA** for the Cassette, Ducted and Consoles sizes 18-58

Mode Customization:

- CH - Heat Pump
- CC - Cooling Only
- HH - Heating Only
- NA - No Auto Mode

Follow Me as default setting

7 day programmable

Room Temperature – Set point Temperature display

Max – Min Temperature limit customization

12 HR format (am/pm) and military time customization

Infrared receiver built-in

Backlight



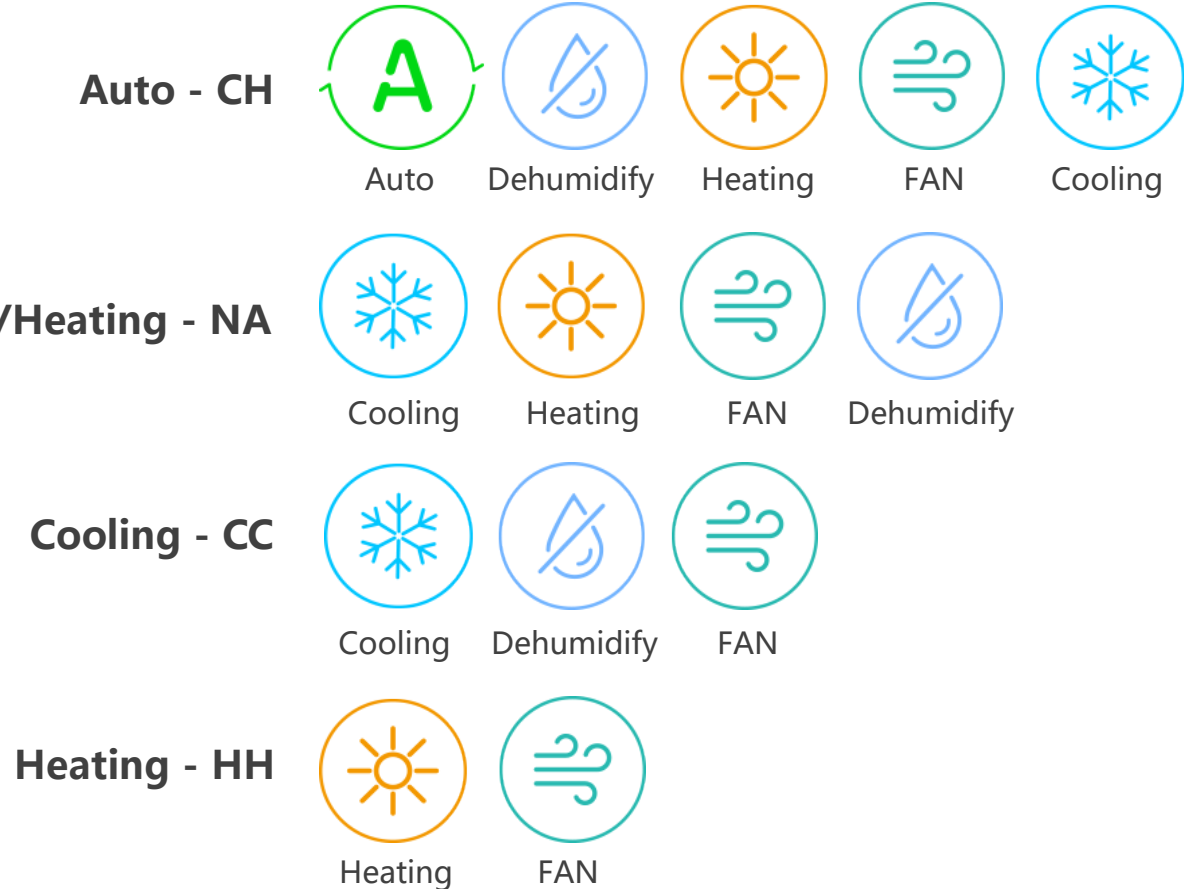
# Mode Customization

Customization of the operation modes available, locking out certain operation modes providing application flexibility

Cooling/heating without AUTO mode  
Cooling only  
Heating only

AUTO mode is default

\*AUTO mode is not recommended to be used on multi-zone systems due to mode conflict



# Temperature Setting Range

Customize the wired controller to select only an specific heat/cool temperature set point range.

This function prevents users from selecting values outside the selected customized temperature range.

The upper value temperature range is 77°F~86°F (25°C~30°C).

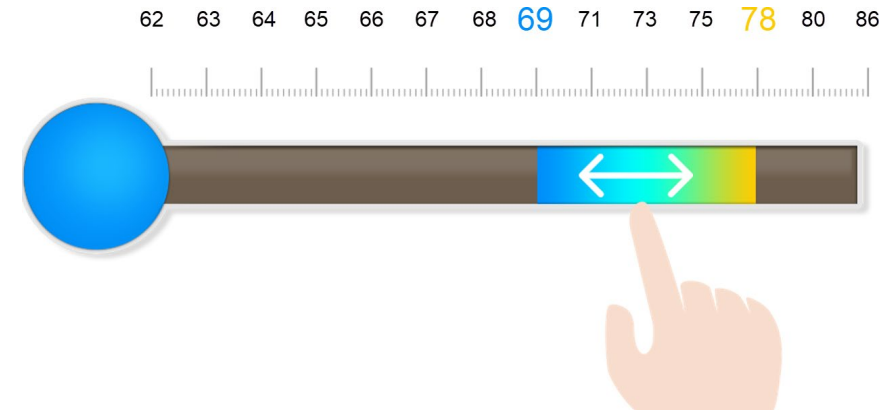
The lower value temperature range is 62°F~75°F (17°C ~24°C).

## On the wired controller:

Under **OFF** and **QUERY** mode press the **UP** or **DOWN** arrow to select **tHI** (upper value) or **tLo** (lower value)

Press **CONFIRM** to adjust the allowed upper and lower values using the **UP** or **DOWN** arrow

Press **CONFIRM** to complete



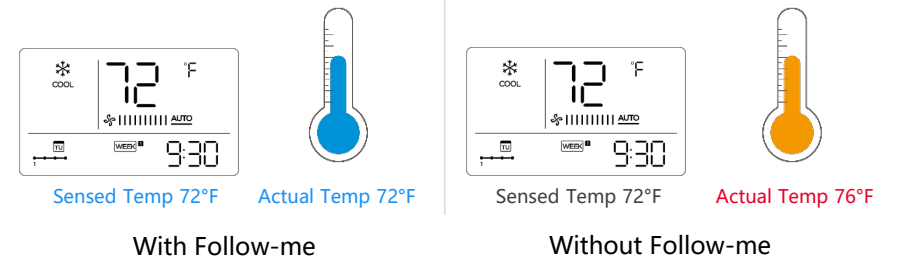
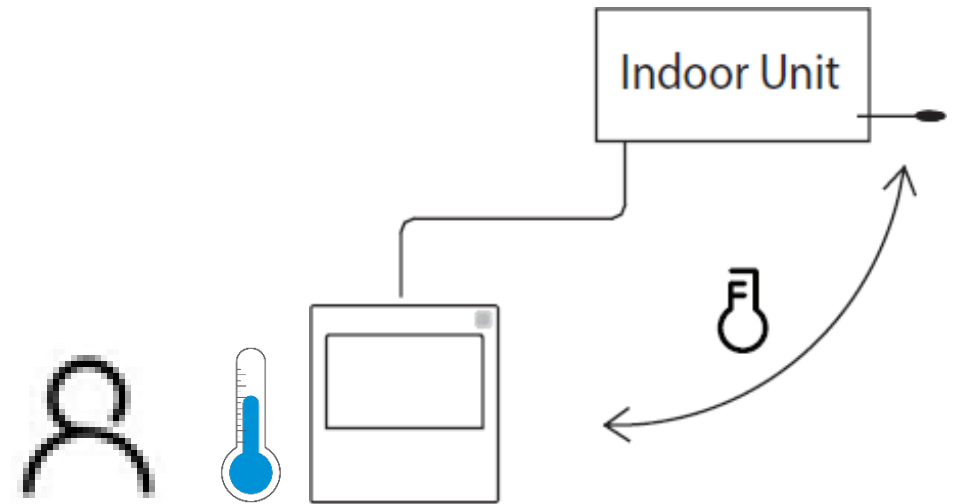
# Follow Me

Follow Me – **Factory default** sensing at the wired controller

Instead of sensing the temperature at the indoor unit return temperature sensor, when Follow Me is activated, the wired controller senses the space temperature providing better control and more comfort for the user.

Follow Me is activated until the user turns this mode off.

Changing modes, temperatures, auto restarting or turning off the system will keep the previous setting selected.

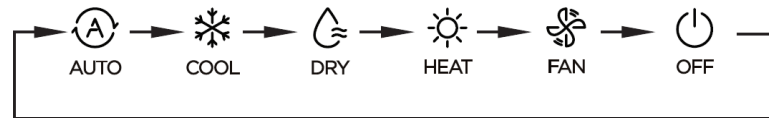


# Weekly Timer – 7 day programmable

Up to 8 scheduled events can be set on a single day.

Each event can be scheduled with:

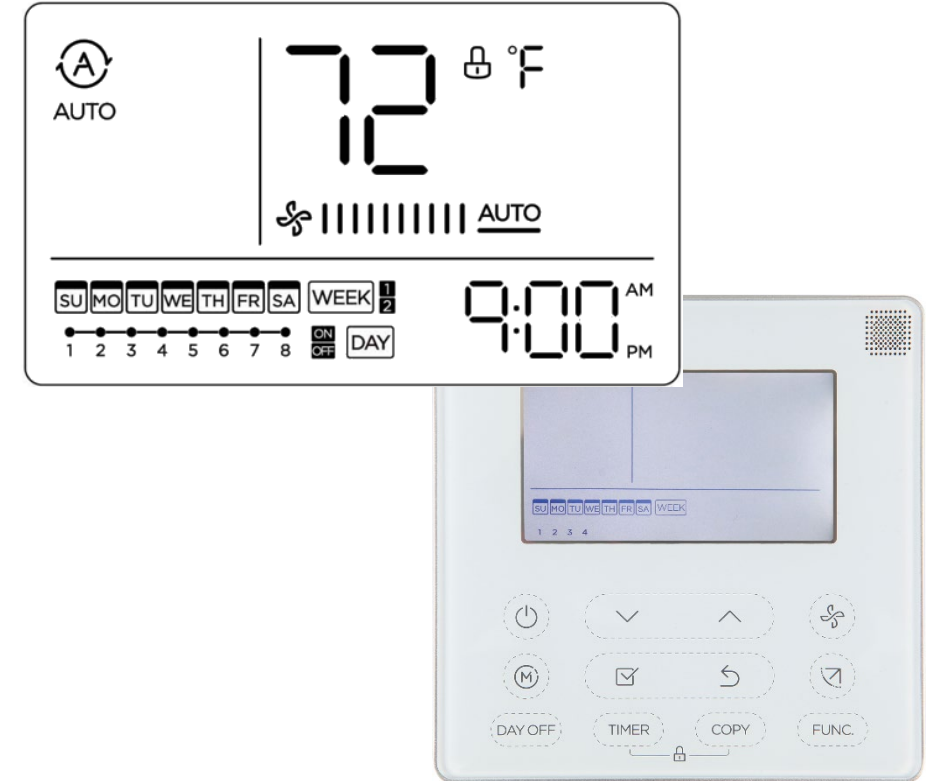
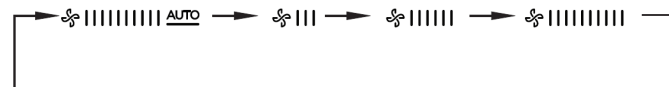
MODE



TEMPERATURE



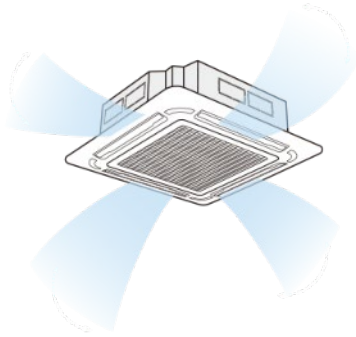
FAN speed



	Sun								Mon	.....	Fri	Sat							
Events	1	2	3	4	5	6	7	8	.....			1	2	3	4	5	6	7	8
Setting	Up to 8 different scheduled events on a day Every event can have different setting mode, temperature, fan speed, switch on/off								.....			.....							

# Control

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## Individual Louver Control

It allows individually louver control up-down or left-right for any applicable indoor unit as the cassettes or high walls providing a more comfortable experience using the wired controller.



## Power-off Memory

The wired controller can keep the system operating as previously configured even after powering it off, including temperature, fan speed, operation mode, schedule, louver position and Follow Me.



## Child Lock

This function can lock the wired controller and prevent erroneous or mischievous setting change. It will save energy consumption, especially in shops, restaurants and offices.

# External Static Pressure Adjustment

- Only for Ducted indoor units

External Static and Auto Airflow volume match can be selected directly on the wired controller.

The Auto Airflow exclusive technology automatically adjusts the static pressure of the ducted or air handler indoor units for best sense of comfort and installation convenience.



When the system is OFF, press COPY for 3 seconds to enter the query mode

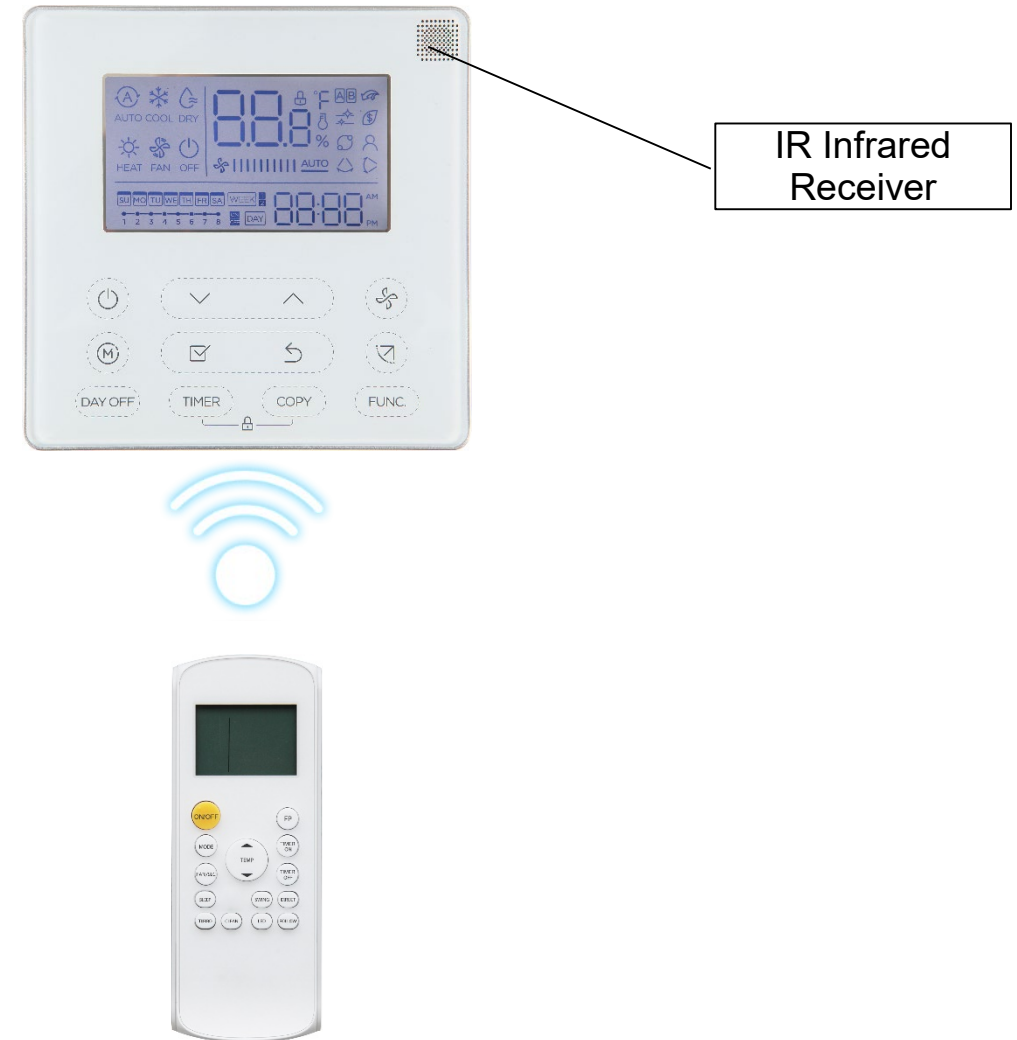
Press the UP or DOWN arrows to select SP or "AF"

During SP the user can select the static pressure from 0~4  
During "AF" the unit will automatically adjust the airflow between 3~6 minutes



# Infrared receiver built-in

With an Infrared Receiver built-in, the wired control can receive the signals from the wireless remote controller displaying the last command received.



\*The wireless remote controller does not have a two way communication. If the wired controller is manually changed the wireless remote will not display the last command

\*\*This feature can be disabled following the steps on the installation manual

# Display

## Operation Information Display



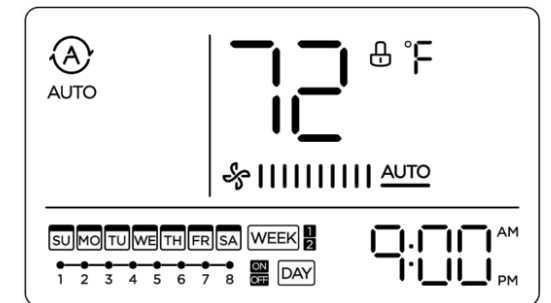
The wired controller can display room temperature, evaporator temperature, condenser temperature, ambient temperature and error codes.

## °C & °F interconversion



The wired controller allows the temperature display in Celsius and Fahrenheit and automatically recognizes the factory setting of the indoor unit.

## Time Scale Customization



12 HR format (am/pm) and military time customization for scheduling an display

# Modern Appearance

Simple & powerful panel design.  
Classic white on the front panel and gray on the sides.

- White Backlight

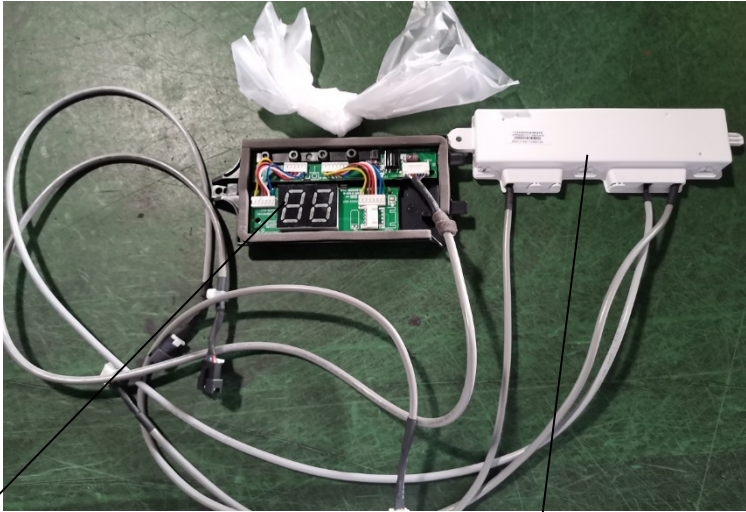
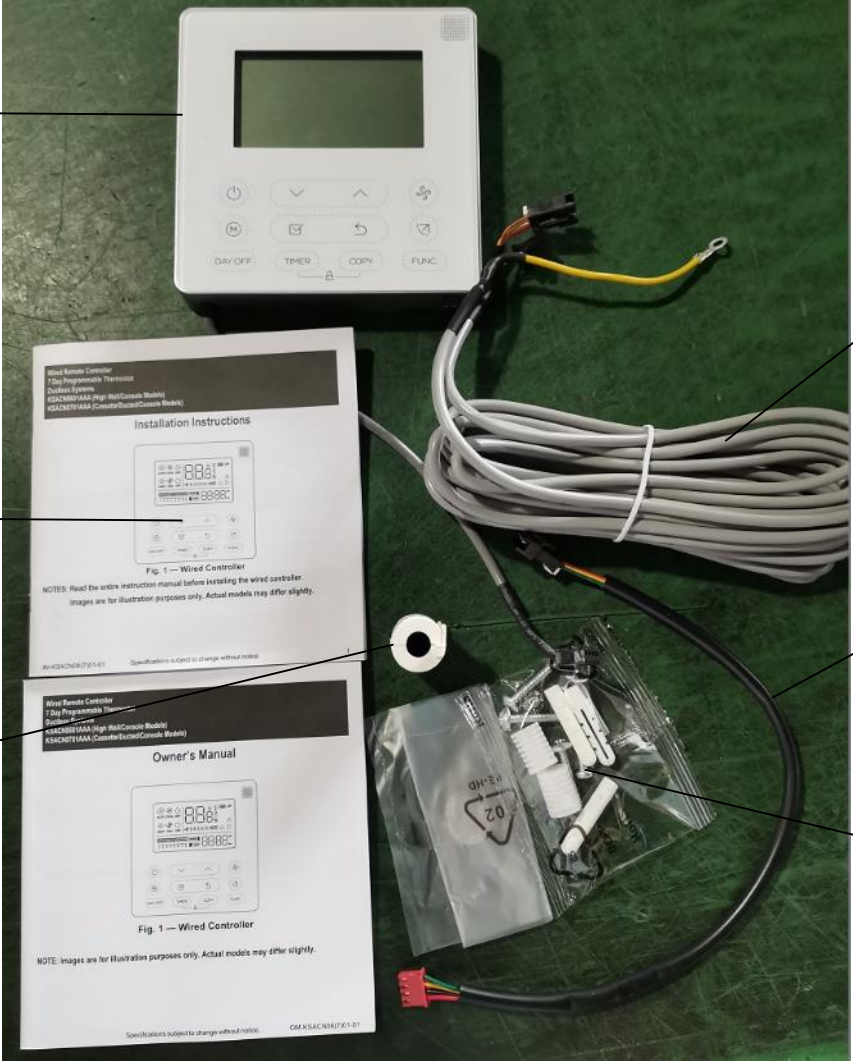
It shows the information in the dark clearly and in the day moderately for 15 seconds by once touch.

- Touch panel

The soft lines reminds of where to tap, and the gentle tap gets a quick response.



# KIT COMPONENTS KSACN0601AAA



Wired Controller

Literature

Magnetic Ring (Optional use)

19 ft extension cable

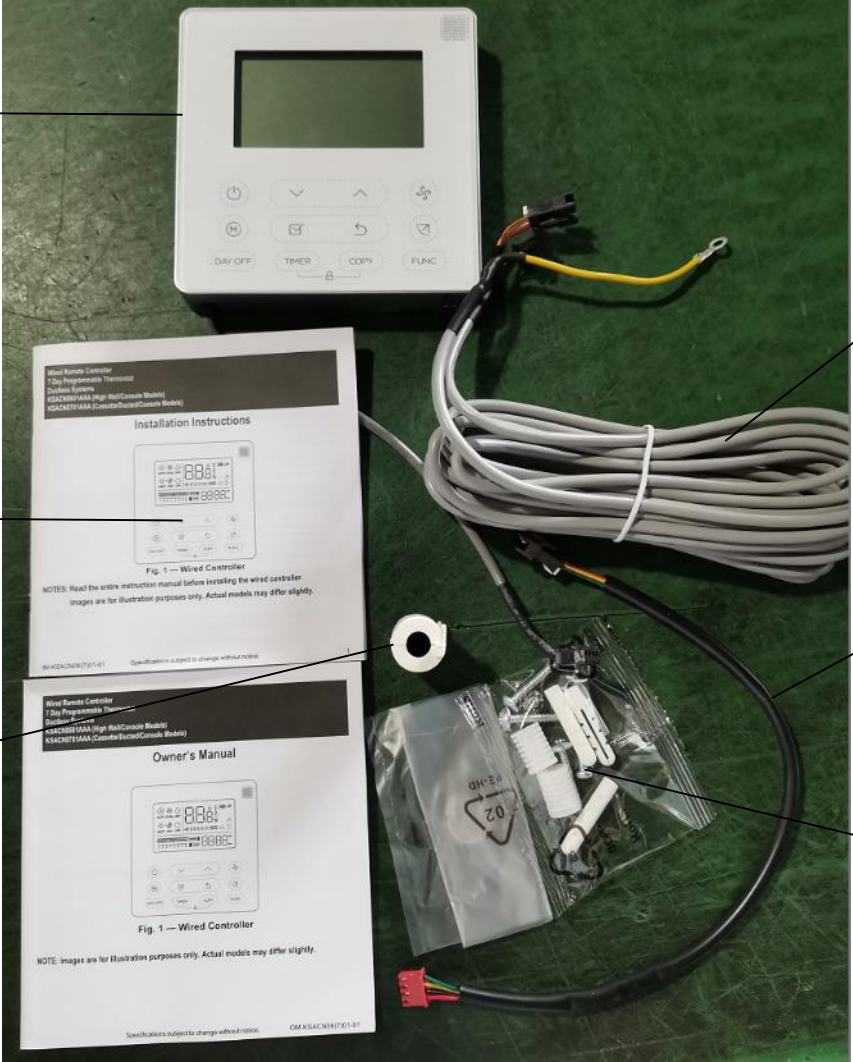
Board Adapter

Hardware

Display Board ONLY for High Walls  
40MAQ/619P\*B/ DHMPHA

Adapter Board ONLY for High Walls  
40MAQ/619P\*B/ DHMPHA

# KIT COMPONENTS KSACN0701AAA



Wired Controller

Literature

Magnetic Ring (Optional use)

19 ft extension cable

Board Adapter

Hardware



# Installation

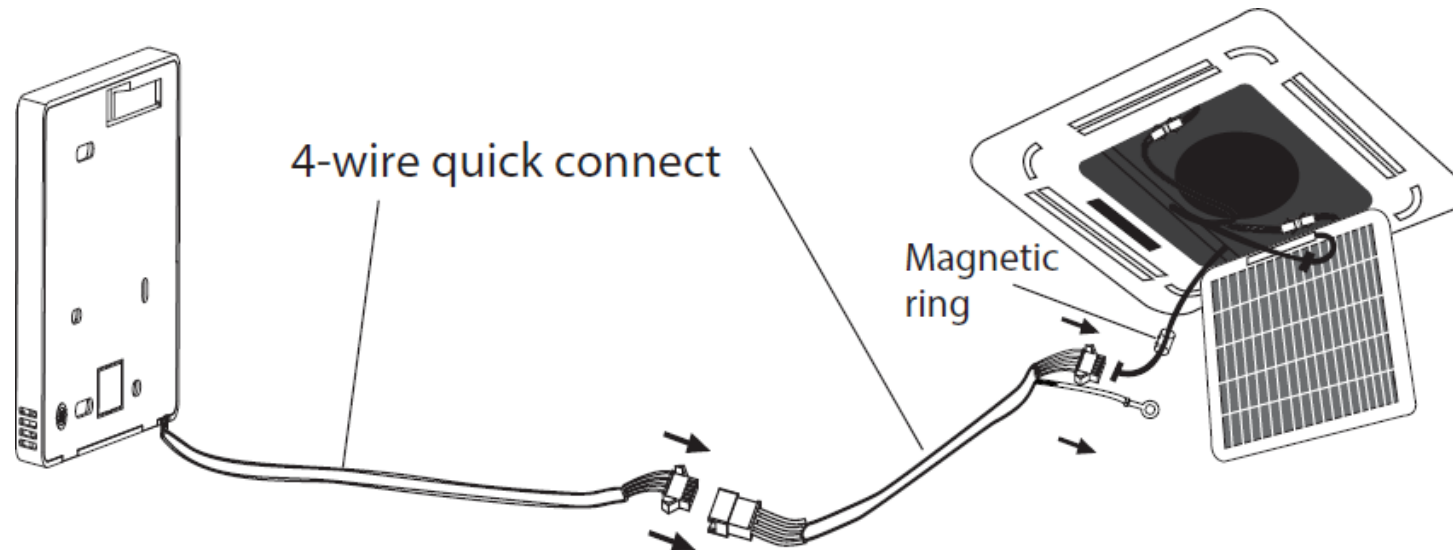
Run interconnecting cable from the wired controller to the indoor unit connecting to the PCB board using the quick connects

A magnetic ring is included with the kit, optional use, it helps reducing any high frequency “noise” from the communication wire, this is installed on the cable close to the indoor unit as shown.

Maximum wiring Length:

**KSACN0601AAA** – 66 ft (20m)

**KSACN0701AAA** - 164 ft (50m)



# Wired Controller KSACN0601AAA & KSACN0701AAA

## Advanced Mode Customization:

**Auto**

Auto Dehumidify Heating FAN Cooling

**Cooling/Heating**

Cooling Heating FAN Dehumidify

**Cooling**

Cooling Dehumidify FAN

**Heating**

Heating FAN

## Set temperature range customization

62 63 64 65 66 67 68 69 71 73 75 78 80 86

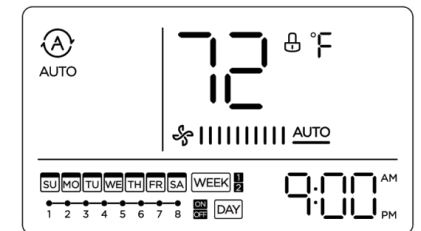
Proprietary and Confidential

## Infrared receiver built-in

12 Hour or 24 format customization



Weekly Timer – 7 day programmable  
Temperature -Modes – Days – Time



Follow Me – Factory default sensing at the wired controller

