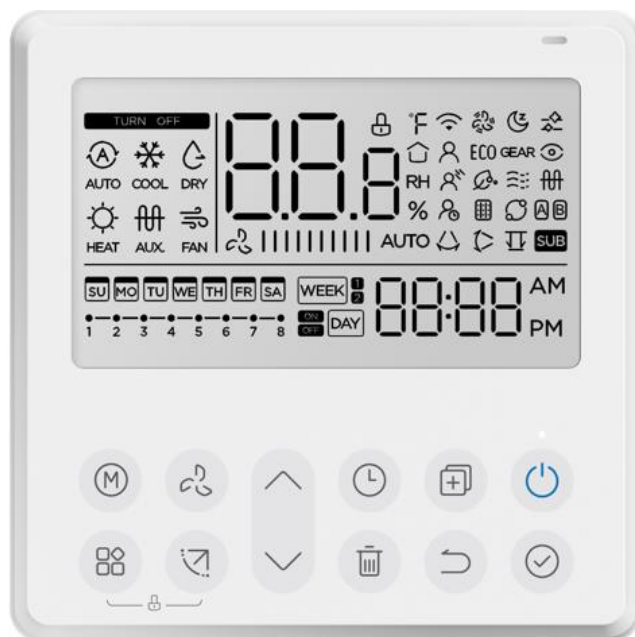# Submittal Data

Job Data: _____    Location: _____

Buyer: _____    Buyer P.O. #: _____    Carrier #: _____

Unit Number: _____    Model Number: _____

Performance Data Certified By: _____    Date: _____



**(KSACN1401AAA)**

### Parts Included
o  Installation Manual
o  Owner's Manual
o  Screws M4X25
o  Plastic Screw Bars
o  Wall Plugs
o  Battery: CR2032
o  Wired Remote Controller
o  Connection Cable 19ft (6m)

## Features
• LCD display
• Malfunction code display
• 4-way wire layout design
• Room temperature display
• Weekly Timer
• Infrared Sensor
• Wi-Fi Control Feature Display

## Function
• **Mode:** Choose Auto-Cool-Dry- Heat -Fan
• Fan speed: Auto/Low/Med/High speed
• Swing Horizontal/Vertical (some models)
• Timer ON/OFF
• Temperature setting
• Weekly timer
• Follow me
• Turbo
• 24-hour System
• 12-hour System
• Auto-restart
• Individual louver control (some models)
• Automatic airflow test
• Dual Control
• Group Control
• Child Lock
• Delay Off Display
• Turbo Feature Display
• ECO Feature Display
• Purify Feature Display
• Active Clean Display
• Filter Reminder Display
• Intelligent Eye Display
• Electric Heat Display
• Sleep Feature Display
• Rotation Display

## Accessories, Sold Separately (XYE connection only)

Additional extension cable 19 ft (6m) available through Replacement Components. Part Number: **17401204011789**

## Specifications

| | |
|---|---|
| **Input Voltage** | DC 12V |
| **Ambient Temperature** | 0~43°C(32~110°F) |
| **Ambient Humidity** | 40%RH ~ 90%RH |

## Wiring Specification (HA/HB connection: Field Supplied)

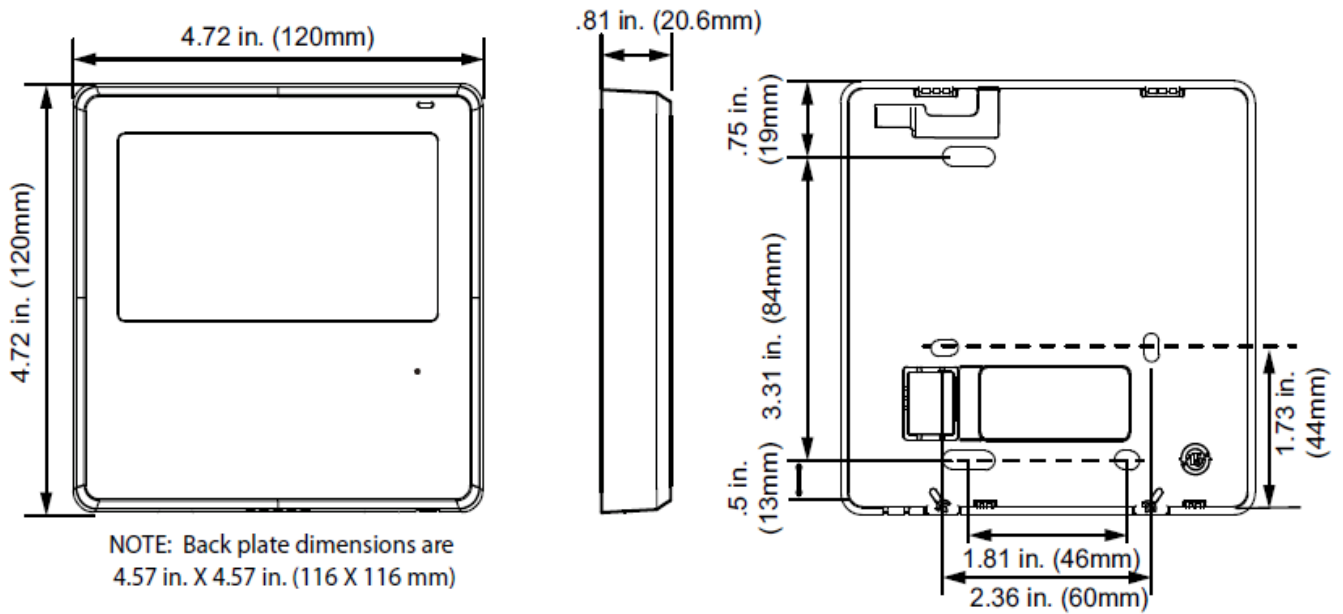| Wiring Type | Size | Maximum Length |
|---|---|---|
| Sheathed vinyl cord or cable | 16 – 18AWG (0.75 – 1.25mm2) | 66ft (20m) |

## COMPATIBILITY
This wired controller is compatible with R454b & R410a
R454b models shown below

| Indoor Type | Model | Tier | Connections |
|---|---|---|---|
| High Wall | 45MPHAQ | High | XYE |
| High Wall | 45MAHAQ | Mid | XYE |
| High Wall (Light Commercial) | 45MAHAQ | Mid | XYE |
| 1- Way Cassette | 45MCCAQ | Mid | HA/HB |
| 4 – Way Cassette | 45MBCAQ | Mid | HA/HB |
| 4 – Way Cassette (Light Commercial) | 45MBCAQ | Mid | HA/HB |
| Floor Console | 45MBFAQ | Mid | XYE |
| High Wall | 45MHHAQ | Entry | XYE |
| High Wall | D5MVHAQ | Value | XYE |
| High Wall - Cooling Only | 45MHHAC | Entry | XYE |
| Low Static Ducted | 45MBDAQ | Mid | HA/HB |
| High Static Ducted | 45MBDAQ | Mid | HA/HB |
| Celling and Floor Console | 45MCFAQ | Mid | HA/HB |
| Celling and Floor Console (Light Commercial) | 45MCFAQ | Mid | HA/HB |
| Air Handler | 45MBAAQ | Mid | HA/HB |
| Air Handler | 45MUAAQ | Mid | HA/HB |
| Air Handler | 45MUHAQ | High | HA/HB |

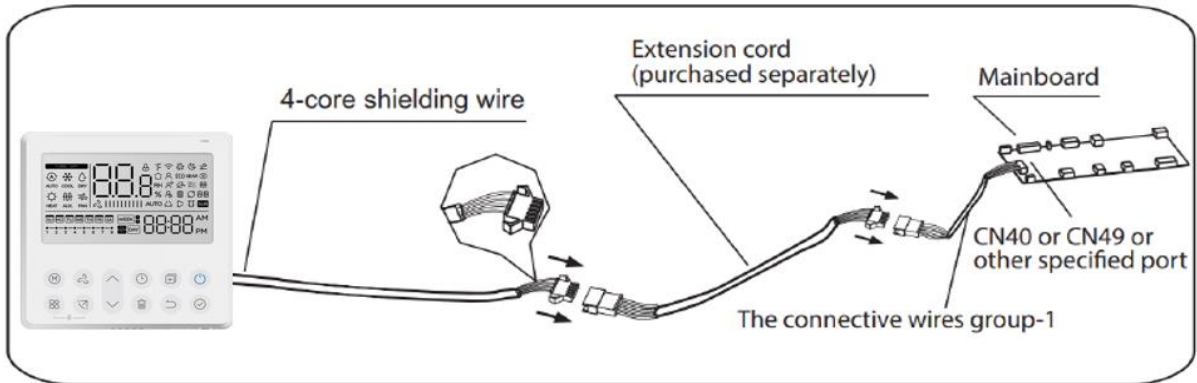**NOTE: This controller will not work with R410a High Wall or R410a Floor Console**

Copyright 2025 CAC/BDP ● Atlanta, GA 30339          Catalog No: SUB-KSACN1401AAA-01CBP                                        Edition Date: 04/2025

Manufacturer reserves the right to change, at any time, specifications, and designs without notice and without obligations.                    Replaces: NEW

2

# Construction View



4.72 in. (120mm)

.81 in. (20.6mm)

4.72 in. (120mm)

NOTE: Back plate dimensions are
4.57 in. X 4.57 in. (116 X 116 mm)

.75 in. (19mm)

3.31 in. (84mm)

.5 in. (13mm)

1.73 in. (44mm)

1.81 in. (46mm)

2.36 in. (60mm)

## Wiring Configuration

**Option A** connects to (12V) XYE or CN connection on the Indoor Main Control Board

**Option A
XYE**



4-core shielding wire

Extension cord
(purchased separately)

Mainboard

CN40 or CN49 or
other specified port

The connective wires group-1

**Option B** connects to (12V) HA/HB terminals on the Indoor Main Control Board

**Option B
HA/HB**



Indoor Unit

**HA | AB**

Wired Controller

Catalog No: SUB-KSACN1401AAA-01CBP

Edition Date: 04/2025

Replaces: NEW
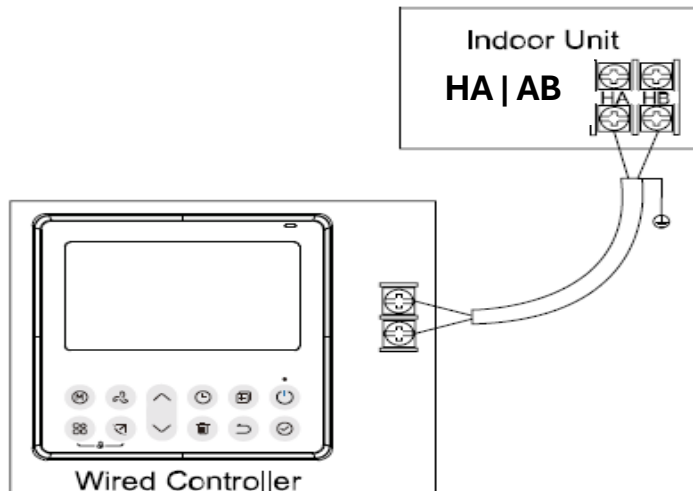
# Controller Group Control

The main/secondary wired controller can be used to enable two wired controllers to control one unit, and the wired controllers connect to the unit HA/HB port through the HA/HB port on the controller. There is no polarity between HA and HB.

**NOTE: Wired controller with Wireless function does not have this function.**
**NOTE: Only applicable to light commercial units and units that have HA/HB connections**
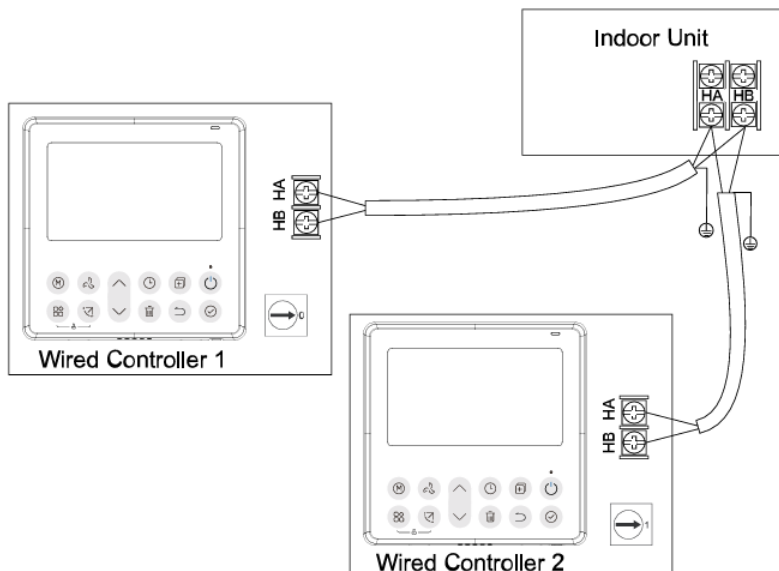


## Controller Group Control: Query Mode

To enter QUERY Mode, power off the indoor unit with the controller. Press "COPY" for 3 seconds , first display P:00, if connected to an indoor unit, display P:00,
if connected to multiple indoor units, press "∧ "or "∨ "
to display P:01, P:02, and then press "Confirm" to enter the query indoor unit Tn(T1~T4) temperature and fan fault(CF), press "∧ "or "∨ "to select.

## Controller Group Control: Two Wire Controller Address Settings

In Query Mode use " ∧"or "∨ "to select Adr, the temperature zone will display -- or A, B. Where -- refers to the code setting of the wirecontroller.

Press "Confirm" into setting state, press" ∧"or "∨ "to select , then press "Confirm" to complete it.

Adr

-- : The code setting ⊖ of the wire controller shall prevail.

Adr : The wire controller address setting.

**\*For more information refer to the installation and owner's manual\***