

# HITACHI

## Silent-Iconic™

4-way Cassette Design Panel

Cooling & Heating



reddot winner 2021  
best of the best



GOOD  
DESIGN  
AWARD  
2020



DESIGN  
AWARD  
2020



**A design panel in harmony  
with the space that  
responds to the needs of  
architectural designers**



White



**iF Design Award 2020  
Award Winning  
(Discipline: Product)**

About the iF Design Award

The iF Design Award has been known as one of the most prestigious international design awards for 67 years, and the iF logo is widely recognized as a symbol of excellent design. The awards are divided into seven categories such as product, packaging, communication, service design, architecture, interior, and professional concepts.



**GOOD  
DESIGN  
AWARD  
2020**  
**Good Design Award  
(Category: Equipment and  
facilities for professional use)**

About the The Good Design Award

The Good Design Award is a movement aimed at enriching our lives and society through design. Since the foundation in 1957, it has been commonly known together with the "G Mark", the symbol of winning the award.



Black (Custom Order)



reddot winner 2021  
best of the best

**Red Dot Award**  
(Best of the best)

About the Red Dot Award

The Design Innovations award, which was first awarded in 1955, was renamed the Red Dot Award: Product Design in 2000. A qualitative distinction is made between the awards "Red Dot: Best of the Best", "Red Dot" and "Honorable Mention".



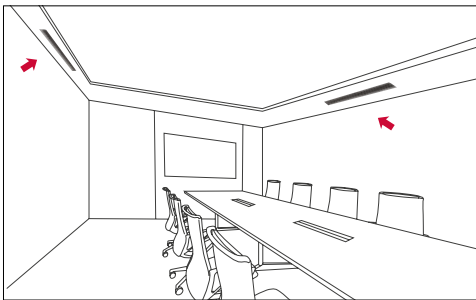
## A new selection for air conditioning.

The "Silent-Iconic" is a new option for air conditioning equipment that has a quest for a design which fits easily into the interior. As the 4-way air-outlet port is black, it gives an impression of simplicity. Moreover, the central air-inlet port has a blind shape that blends well with the surrounding space. While generating the same high performance as the traditional 4-way ceiling's, the installation work of Silent-Iconic is easier and less costly than the ceiling mounted duct type.

### [The traditional selection]

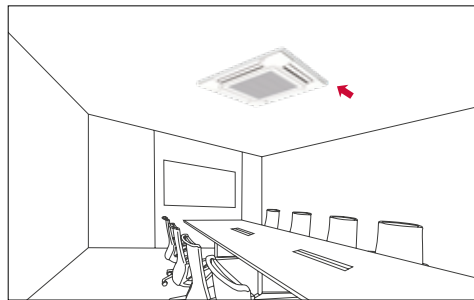
#### Ceiling Mounted Duct Type

Using this type, you can create a sense of luxury without being noticeable, but its construction costs are relatively high.



#### 4-way Cassette type

Although the installation cost can be reduced, it may be difficult to match with the surrounding space due to the large presence of the indoor unit.



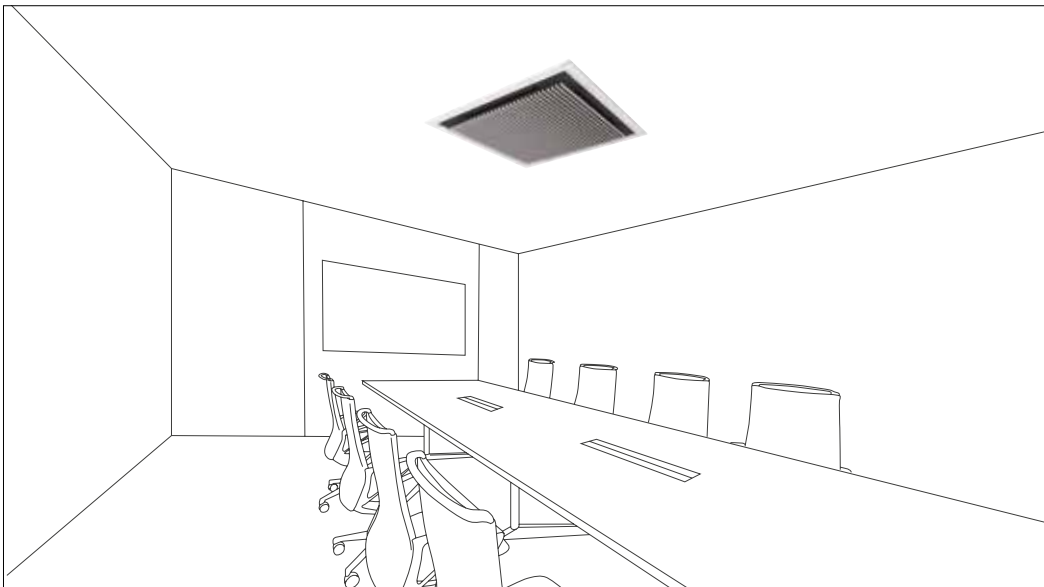
or



### [A new option]

#### For the "Silent-Iconic"

Designed to match the interior, in harmony with the space.  
Compared with the ceiling-duct-type, the installation cost can be reduced.



#### Web AR

In AR (Augmented Reality), you can see the image of "4-way Cassette" and "Silent-Iconic" installed in the actual space. Please refer to the "About Web AR" section on the back cover for further details.



4-way Ceiling Air Conditioner



Silent-Iconic White



Silent-Iconic Black





## [Features]

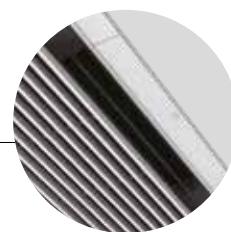


The design is well-matched to the space

It is designed to harmonize with the space by creating the central part to be a blind shaped air-inlet port and reducing its occupied presence by darkening the air-outlet port.



Blind shaped  
air-inlet port

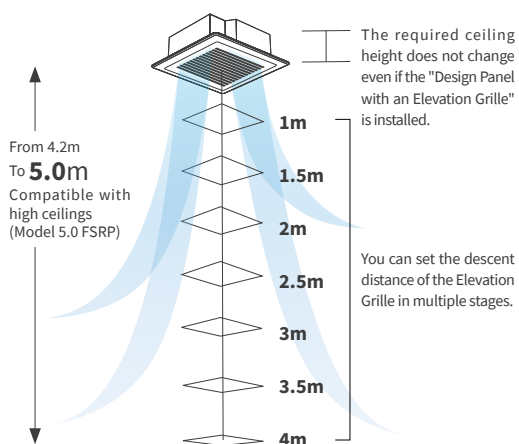


The air-outlet port  
with occupied  
presence suppression



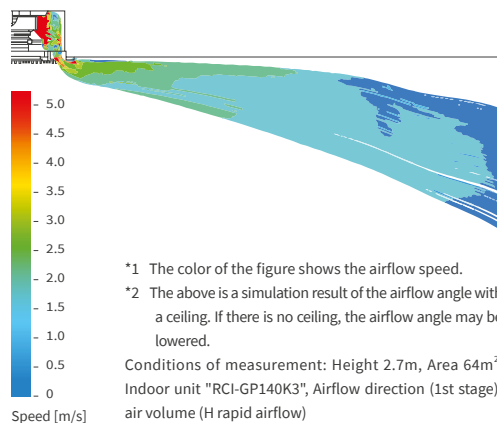
It is easy to clean the filter

It is easy to clean the filter by using the "Design Panel with an Elevation Grille". The lifting distance is up to 4m, and it can be installed for high ceilings.



Offer the comfort since airflow is unlikely to hit people directly

The design panel also features Hitachi "4-way Cassette" prominent function which prevents direct airflow from hitting people.



It is easy to install panels

By creating sliding corners, you can find it easier to fasten the panel with screws.



Designed to be more in harmony with the ceiling surface

By creating a small space between the panels and the ceiling, you can feel a "lighter" visual effect and harmonization with the ceiling surface is further enhanced.



# Silent-Iconic™

## 4-way Cassette Design Panel

### Silent - Iconic panel

#### Natural White

##### Design Panel Standard

P-GP160NAP\*EU



##### Design Panel with an Elevation Grille

P-GP160NAPU\*EU



#### Black

##### Design Panel Standard

P-GP160KAP\*EU



### Applicable Indoor Unit

#### 4-way Cassette Type

			RCI-1.0FSR	RCI-1.5FSR	RCI-2.0FSR	RCI-2.5FSR	RCI-3.0FSR	RCI-4.0FSR	RCI-5.0FSR	RCI-6.0FSR
Indoor Unit Power Supply			AC 1Φ, [220-240V/50Hz]							
Nominal Capacity (VRF)	Cooling	kW	2.8	4.0	5.6	7.1	8.0	11.2	14.0	16.0
	Heating	kW	3.2	4.8	6.3	8.5	9.0	12.5	16.0	18.0
Sound Pressure Level	(Hi2/Hi/Me/Lo)	dB(A)	33/30/28/27	35/31/30/27	37/32/30/27	42/36/32/28	42/36/32/28	48/43/39/33	48/45/40/35	48/46/41/37
Sound Power Level	(Hi)	dB(A)	52	53	55	56	57	64	64	65
Outer Dimension	(H×W×D)	mm	248×840×840	248×840×840	248×840×840	248×840×840	298×840×840	298×840×840	298×840×840	298×840×840
Net Weight		kg	20	21	21	22	26	26	26	26
Refrigerant			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Indoor Fan Air Flow Rate	(Hi2/Hi/Me/Lo)	m³/h	900/780/660/540	1,260/1,020/840/660	1,320/1,020/840/660	1,620/1,380/1,080/840	1,620/1,380/1,080/840	2,220/1,440/1,860/1,200	2,260/1,980/1,560/1,260	2,220/2,120/1,680/1,320
Refrigerant Piping Diameter	Liquid Line	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas Line	mm	Φ12.7	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88
Condensate Drain			VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25

Indoor units are compatible with all current VRF and PAC Outdoor units.

#### NOTES:

1. The cooling and heating capacities above show the maximum capacities when the outdoor and indoor temperature are under the following conditions.

Cooling Operation Conditions

Indoor Air Inlet Temperature:

27.0°C DB

19.0°C WB

35.0°C DB

Outdoor Air Inlet Temperature:

Piping Length: 7.5 metre

Piping Lift: 0 metre

Heating Operation Conditions

Indoor Air Inlet Temperature:

20.0°C DB

Outdoor Air Inlet Temperature:

7.0°C DB

6.0°C WB

Piping Length: 7.5 metre

Piping Lift: 0 metre

2. The sound pressure level is based on following conditions.

1.5 metre Beneath the unit.

The data in the table above was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

3. Both [sound pressure level] and [indoor fan air flow rate] in the table are measured with standard decorative panel (P-n23NA2)) together, not with Design Panel Silent-Iconic™.

Please contact your local Hitachi Cooling & Heating specialist for more details.



## About Web AR

In AR (Augmented Reality), you can see the image of "4-way Cassette Air Conditioner" and "Silent-Iconic" installed in the actual space.



4-way Cassette  
Air Conditioner



Silent-Iconic  
White



Silent-Iconic  
Black



### Operating environment

[Device]

iPhone<sup>\*1</sup>

iPhone 11 Pro / iPhone 11 Pro Max / iPhone 11 / iPhone XS / iPhone XS Max / iPhone XR /  
iPhone X / iPhone 8 Plus / iPhone 8 / iPhone 7 Plus / iPhone 7 / iPhone 6s Plus / iPhone 6s / iPhone SE

iPad<sup>\*2</sup>

iPad Pro (all models) / iPad (6th generation) / iPad (5th generation)

[OS]

iOS<sup>\*3</sup> 12.1 or later

[Browser]

Safari<sup>\*4</sup> / Google Chrome<sup>\*5</sup> / Firefox<sup>\*6</sup>

### Instructions for use



1. Scan the QR code<sup>\*7</sup> and open the web page  
Display the web page with a QR code, URL, etc.



2. Tap the icon

Tap the icon displayed at the bottom right of the 3D Viewer. If the icon is not displayed, please unhide it in Safari or check the OS version.



3. AR mode is activated

Hold out the camera toward the ceiling and get it to detect the environment by moving it in a circular motion. You may not be able to scan a single-colored ceiling so scan a place where objects such as downlights or ceiling ventilation fans are installed.



4. Adjustment of placement location

You can shift then move it with a single finger, and rotate or zoom it out/zoom it in with two fingers to adjust the size that fits the space. There is also a capture button, so you can take and share the pictures you have placed.

\*1 iPhone is a trademark of Apple Inc., registered in the United States and other countries.

\*2 iPad is a trademark of Apple Inc., registered in the United States and other countries.

\*3 iOS is the Operating System name of Apple Inc. iOS is a registered trademark or trademark of Cisco Systems, Inc. or its affiliates in the United States and other countries and is used under license.

\*4 Safari is a trademark of Apple Inc., registered in the United States and other countries.

\*5 Google Chrome is a trademark or registered trademark of Google Inc.

\*6 Firefox is a trademark or registered trademark of the United States Mozilla Foundation in the United States and other countries.

\*7 QR code is a registered trademark of Denso Wave Incorporated.

## Johnson Controls - Hitachi Air Conditioning

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