

## 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.



### 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.

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

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

<sup>\*3</sup> 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.

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

<sup>\*5</sup> Google Chrome is a trademark or registered trademark of Google Inc.

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

<sup>\*7</sup> QR code is a registered trademark of Denso Wave Incorporated.

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# HITACHI

# Silent-Iconic™

## 4-Way Cassette Design Panel



red<sup>dot</sup> winner 2021  
best of the best



## Cooling & Heating







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



**reddot winner 2021**  
best of the best

[Silent-ionic] receives Red Dot: Best of the Best for ground-breaking design quality

About the Red Dot Design Award

In order to appraise the diversity in the field of design in a professional manner, the Red Dot Design Award breaks down into the three disciplines of Red Dot Award: Product Design, Red Dot Award: Brands & Communication Design and Red Dot Award: Design Concept. With more than 18,000 entries, the Red Dot Award is one of the world's largest design competitions. In 1955, a jury convened for the first time to assess the best designs of the day. In the 1990s, Red Dot CEO Professor Dr. Peter Zec developed the name and brand of the award. Ever since, the sought-after distinction "Red Dot" has been the revered international seal of outstanding design quality. The award winners are presented in the yearbooks, museums and online. More information is available at [www.red-dot.de](http://www.red-dot.de).



White (P-GP160NAP)



Black (P-GP160KAP)



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  
(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.



# 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.

## Concept Video



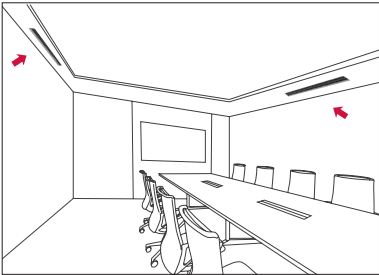
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## [The traditional selection]

### Ceiling Mounted Duct Type

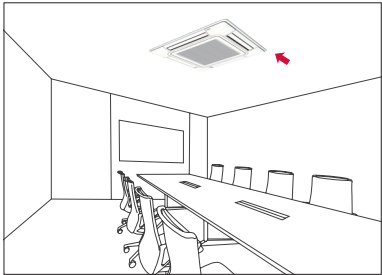
Using this type, you can create a sense of luxury without being noticeable, but its construction costs are relatively high.



### 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.

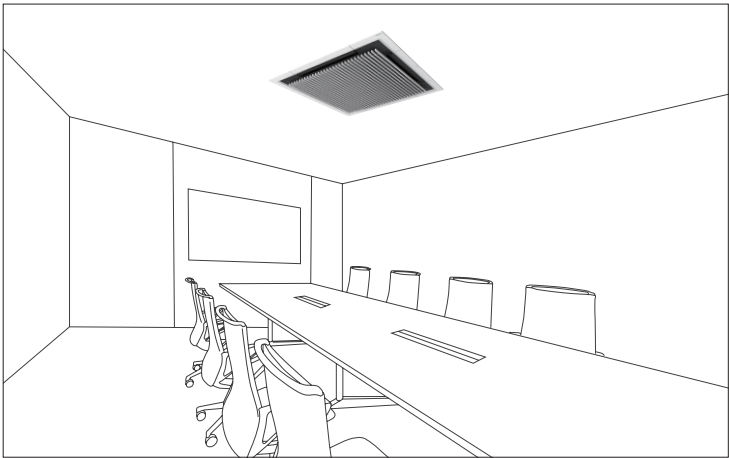
or



## [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.



## [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

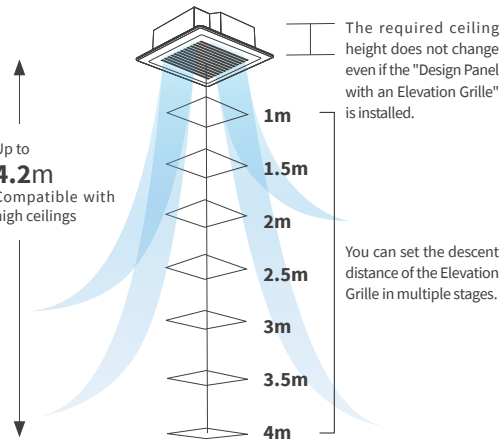


The air-outlet port with occupied presence suppression



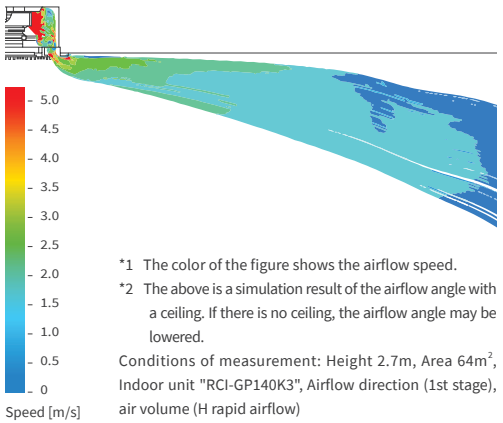
### It is easy to clean the filter

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.



MORE DETAIL!

Designer Speech Video

red dot winner 2021

best of the best

we earned THREE world-famous design awards.

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Tomohiko Sato

Hitachi, Ltd. Product Design Department, Senior Designer

The designer graduated from University in the United Kingdom and soon after, he joined a London based design studio, working across a wide variety of disciplines including furniture, interior and the public realm. Currently, he dedicates himself to air conditioning design, working as a Senior Designer in the Hitachi product design department in Hitachi, Ltd.



# Silent-Iconic™

4-Way Cassette Design Panel

## Silent - Iconic panel

Natural White		Black
Design Panel Standard	Design Panel with an Elevation Grille	Design Panel Standard
P-GP160NAP	P-GP160NAPU	P-GP160KAP
		
		

## 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] [220V/60Hz]							
Nominal Capacity	Cooling (Utopia/Set Free)	kW	2.5 / 2.8	3.6 / 4.0	5.0 / 5.6	5.6 / 6.3	7.1 / 8.0	10.0 / 11.2	12.5 / 14.0	14.0 / 16.0
	Heating (Utopia/Set Free)	kW	2.8 / 3.2	4.0 / 4.8	5.6 / 6.3	7.1 / 8.5	8.0 / 9.0	11.2 / 12.5	14.0 / 16.0	16.0 / 18.0
Sound Pressure	(Hi2/Hi/Me/Lo) Level	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
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			R32 / R410A (factory-charged corrosion-proof nitrogen)							
Indoor Fan	(Hi2/Hi/Me/Lo) Air Flow Rate	m³/min	15 / 13 / 11 / 9	21 / 17 / 14 / 11	22 / 17 / 14 / 11	27 / 23 / 18 / 14	27 / 23 / 18 / 14	37 / 31 / 24 / 20	37 / 33 / 26 / 21	37 / 35 / 28 / 22
Connections			Flare-Nut Connection (with flare Nuts)							
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	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88
Condensate Drain			VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25
Approximate Packing Volume		m³	0.26	0.26	0.26	0.26	0.31	0.31	0.31	0.31

- 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:

Outdoor Air Inlet Temperature:

Piping Length:7.5 metre

Piping Lift:0 metre

Heating Operation Conditions

Indoor Air Inlet Temperature:

Outdoor Air Inlet Temperature:

Piping Length:7.5 metre

Piping Lift:0 metre

27.0°C DB

19.0°C WB

35.0°C DB

20.0°C DB

7.0°C DB

6.0°C WB
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.



### Installation Video



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