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TECHNICAL BULLETIN

DC Ceiling Ducted Type & Mini 4-Way Cassette Type Air-Conditioner - INDOOR UNIT -

DATE: Mar.'25

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1.Summary

- 1.This Technical Bulletin introduce the new DC Ceiling Ducted Type & Mini 4-Way Cassette Type indoor unit using R410A
- 2.The details are indicated in the description.

Description

1.Applicable Models

Type	Model	SAP	Brand	Power
Indoor Unit (DC Ceiling Ducted Type)	RPIH-0.8HNDUSQ	6KHN0802204800	HITACHI	220-240V~50/60HZ
	RPIH-1.0HNDUSQ	6KHN0802806000		
	RPIH-1.3HNDUSQ	6KHN0803604900		
	RPIH-1.5HNDUSQ	6KHN0804503900		
	RPIH-2.0HNDUSQ	6KHN0805605900		
	RPIH-2.5HNDUSQ	6KHN0807105700		
	RPIH-3.0HNDUSQ	6KHN0809005400		
	RPIH-4.0HNDUSQ	6KHN0811205300		
	RPIH-5.0HNDUSQ	6KHN0814005400		
	RPIH-6.0HNDUSQ	6KHN0816005900		

Optional accessories:		
Model	SAP	Brand
PC-P1HMQ	JKHF0000008500	HITACHI
SOR-NEDSQ	JKHF3200000800	
PS-CMSK	JKHF3200000700	
PC-RLHN13QE	JKHF0200003600	

Type	Model	SAP	Brand	Power
Indoor Unit (Mini 4-Way Cassette Type)	RCIM-0.5HBUSQ	6KHN0501500900	HITACHI	220-240V~50/60HZ
	RCIM-0.8HBUSQ	6KHN0502200000		
	RCIM-1.0HBUSQ	6KHN0502802000		
	RCIM-1.3HBUSQ	6KHN0503601900		
	RCIM-1.5HBUSQ	6KHN0504501700		
	RCIM-1.8HBUSQ	6KHN0505003100		
	RCIM-2.0HBUSQ	6KHN0505602000		

2.Production Date

From the production of March 2025.

Please contact us for details.

RRECORD	DWN.	{edit}			{BGD}	{BGO}	{BGR}	{BGA}
	CHKD.	{review}						
RECORD.	APPD.	{approval}	SYM.	NO.	DATE	REVD.	CHKD.	APPD.
				REVISIONS				
NO. HH/JGY2025-008			Qingdao Hisense Hitachi Air-conditioning Systems Co.,Ltd.					

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DC Ceiling Ducted Type & Mini 4-Way Cassette Type Air-Conditioner - INDOOR UNIT-

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3. General Specifications

3.1 Specification of indoor Unit(DC Ceiling Ducted)

Model			RPIH-0.8HNDUSQ	RPIH-1.0HNDUSQ	RPIH-1.3HNDUSQ	RPIH-1.5HNDUSQ	RPIH-2.0HNDUSQ
Power supply			AC 1Φ, 220V~240V,50Hz/60Hz				
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6
		Btu/h	7500	9600	12300	15400	19100
	Heating	kW	2.5	3.2	4	4.6	6.3
		Btu/h	8500	10900	13700	17100	21600
Power Input	Cooling	kW	0.04	0.04	0.055	0.055	0.055
	Heating	kW	0.04	0.04	0.055	0.055	0.055
Operating Current	Cooling	A	0.36	0.36	0.59	0.59	0.59
	Heating	A	0.36	0.36	0.59	0.59	0.59
Sound Pressure		dB(A)	30/27/23/21/20/19	30/27/23/21/20/19	35/33/32/28/26/24	35/33/32/28/26/24	33/30/27/25/23/22
Air Flow Rate		m³/min	9/8/6.8/6.3/5.8/5.3	9/8/6.8/6.3/5.8/5.3	12/11/10/9/8/7.2	12/11/10/9/8/7.2	14.5/13/11.5/10.5/9.5/8.7
External Pressure		Pa	30(90/150)				
Outer Dimensions	Height	mm	270	270	270	270	270
	Width	mm	650+75	650+75	650+75	650+75	900+75
	Depth	mm	720	720	720	720	720
Air inlet Dimensions		mm	606×225	606×225	606×225	606×225	856×225
Air outlet Dimensions		mm	582×138	582×138	582×138	582×138	832×138
Net Weight		kg	23	23	24	24	30
Refrigerant			R410A(Nitrogen-Charged for Corrosion-Resistance)				
Piping	Piping Connection	-	Flare-nut Connection(with Flare Nuts)				
	Liquid	mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35
		inch	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)
	Gas	mm	Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø15.88
		inch	(1/2)	(1/2)	(1/2)	(1/2)	(5/8)
Condensate Drain		-	VP25(Outer Diameter Ø32mm)				

Note:

1、 The nominal cooling capacity and heating capacity are based on following conditions:

Cooling Operation Conditions

Indoor Air Inlet Temperature: 27°C DB (80°F DB)

19.0°C WB (66.2°F WB)

Outdoor Air Inlet Temperature: 35°C DB (95°F DB)

Heating Operation Conditions

Indoor Air Inlet Temperature: 20°C DB (68°F DB)

Outdoor Air Inlet Temperature: 7°C DB (45°F DB)

6°C WB (43°F WB)

Piping Length: 7.5 Meters

Piping Lift: 0 Meter

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

1.4m below the unit.

With discharge duct (2.0m) and return duct (1.0m).

The above data were measured in an anechoic chamber so that reflected sound should be taken into consideration on the job site.

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3. General Specifications

3.1 Specification of indoor Unit(DC Ceiling Ducted)

Model			RPIH-2.5HNDUSQ	RPIH-3.0HNDUSQ	RPIH-4.0HNDUSQ	RPIH-5.0HNDUSQ	RPIH-6.0HNDUSQ
Power supply			AC 1Φ, 220V~240V,50Hz/60Hz				
Capacity	Cooling	kW	7.1	9	11.2	14	16
		Btu/h	24200	30800	38000	48000	54500
	Heating	kW	8	10	12.5	16	18
		Btu/h	27400	34200	42500	54500	61500
Power Input	Cooling	kW	0.074	0.1	0.132	0.18	0.223
	Heating	kW	0.074	0.1	0.132	0.18	0.223
Operating Current	Cooling	A	0.54	0.71	0.93	1.21	2.04
	Heating	A	0.54	0.71	0.93	1.21	2.04
Sound Pressure		dB(A)	33/31/28/25/23/21	34/32/30/28/25/22	37/35/31/29/26/23	38/36/34/3129/26	41/38/35/33/30/27
Air Flow Rate		m ³ /min	20.6/19/17/15/13.8/12.5	25/23/21/19/17/15	28/25/23/21/19/17	35.5/32.5/29.5/26.5/23.5/20.5	39/35.5/31/26.5/23.5/21.8
External Pressure		Pa	50(130/200)				
Outer Dimensions	Height	mm	300	300	300	300	300
	Width	mm	1100+75	1100+75	1100+75	1400+75	1400+75
	Depth	mm	800	800	800	800	800
Air Inlet Dimensions		mm	1047×256	1047×256	1047×256	1347×256	1347×256
Air outlet Dimensions		mm	1036×195	1036×195	1036×195	1336×195	1336×195
Net Weight		kg	40	40	40	49	49
Refrigerant			R410A(Nitrogen-Charged for Corrosion-Resistance)				
Piping	Piping Connection	-	Flare-nut Connection(with Flare Nuts)				
	Liquid	mm	Ø9.53	Ø9.53	Ø9.53	Ø9.53	Ø9.53
		inch	(3/8)	(3/8)	(3/8)	(3/8)	(3/8)
	Gas	mm	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88
		inch	(5/8)	(5/8)	(5/8)	(5/8)	(5/8)
	Condensate Drain	-	VP25(Outer Diameter Ø32mm)				

Note:

1、The nominal cooling capacity and heating capacity are based on following conditions:

Cooling Operation Conditions

Indoor Air Inlet Temperature: 27°C DB (80°F DB)
19.0°C WB (66.2°F WB)

Outdoor Air Inlet Temperature: 35°C DB (95°F DB)

Heating Operation Conditions

Indoor Air Inlet Temperature: 20°C DB (68°F DB)

Outdoor Air Inlet Temperature: 7°C DB (45°F DB)
6°C WB (43°F WB)

Piping Length:7.5 Meters Piping Lift:0 Meter

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

1.4m beneath the unit.

With discharge duct (2.0m) and return duct (1.0m).

The above data were measured in an anechoic chamber so that reflected sound should be taken into consideration on the job site.

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3. General Specifications									
3.1 Specification of indoor Unit(Mini 4-Way Cassette)									
Model			RCIM-0.5HBUSQ	RCIM-0.8HBUSQ	RCIM-1.0HBUSQ	RCIM-1.3HBUSQ	RCIM-1.5HBUSQ	RCIM-1.8HBUSQ	RCIM-2.0HBUSQ
Power Supply			AC 1Φ, 220V~240V,50Hz/60Hz						
Capacity	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5	5.6
		Btu/h	5100	7500	9600	12300	15300	17000	19100
	Heating	kW	2	2.5	3.3	4.2	5	5.6	6.3
		Btu/h	6800	8500	11200	14300	17000	19000	21500
Power Input	Cooling	kW	0.014	0.014	0.014	0.016	0.022	0.03	0.04
	Heating	kW	0.014	0.014	0.014	0.016	0.022	0.03	0.04
Sound Pressure		dB(A)	30/29/28/26	30/29/28/26	32/30/28/26	34/32/29/26	38/36/31/28	42/39/36/31	45/42/38/34
Air Flow Rate		m ³ /min	7.2/6.5/6.2/5.6	7.2/6.5/6.2/5.6	7.8/7.2/6.5/5.8	8.2/7.2/6.5/5.8	9.3/8.7/7.1/6.7	11.0/9.5/8.7/7.1	12.5/10.8/9.3/8.0
Piping	Connection Type	-	Flare-nut Connection(with Flare Nuts)						
	Liquid	mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35
		inch	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)
	Gas	mm	Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø12.7
		inch	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)
	Condensate Drain	-	VP25(Outer Diameter Ø32mm)						
Net Weight		kg	14.5	14.5	14.8	14.8	15.8	15.8	
Dimensions	External Dimension (H × W × D)	mm	215×570×570						
	Packaging Dimensions (H × W × D)	mm	292×730×668						
Decoration Panel	Model		PHKM50PAQ1						
	Color		Neutral White						
	Body Dimensions (H × W × D)	mm	37 × 620 × 620						
	Packaging Dimensions (H × W × D)	mm	115 × 690 × 680						
	Net Weight		kg	2.7					
Note:									
1、The nominal cooling capacity and heating capacity are based on following conditions:									
Cooling Operation Conditions									
Indoor Air Inlet Temperature: 27°C DB (80°F DB)									
19.0°C WB (66.2°F WB)									
Outdoor Air Inlet Temperature: 35°C DB (95°F DB)									
Heating Operation Conditions									
Indoor Air Inlet Temperature: 20°C DB (68°F DB)									
Outdoor Air Inlet Temperature: 7°C DB (45°F DB)									
6°C WB (43°F WB)									
Piping Length:7.5 Meters Piping Lift:0 Meter									
2、The sound pressure level is based on following conditions.									
1.4m beneath the unit.									
With discharge duct (2.0m) and return duct (1.0m).									
The above data were measured in an anechoic chamber so that reflected sound should be taken into consideration on the job site.									
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**DC Ceiling Ducted Type & Mini 4-
Way Cassette Type Air-
Conditioner - INDOOR UNIT-**

DATE:Mar.'25

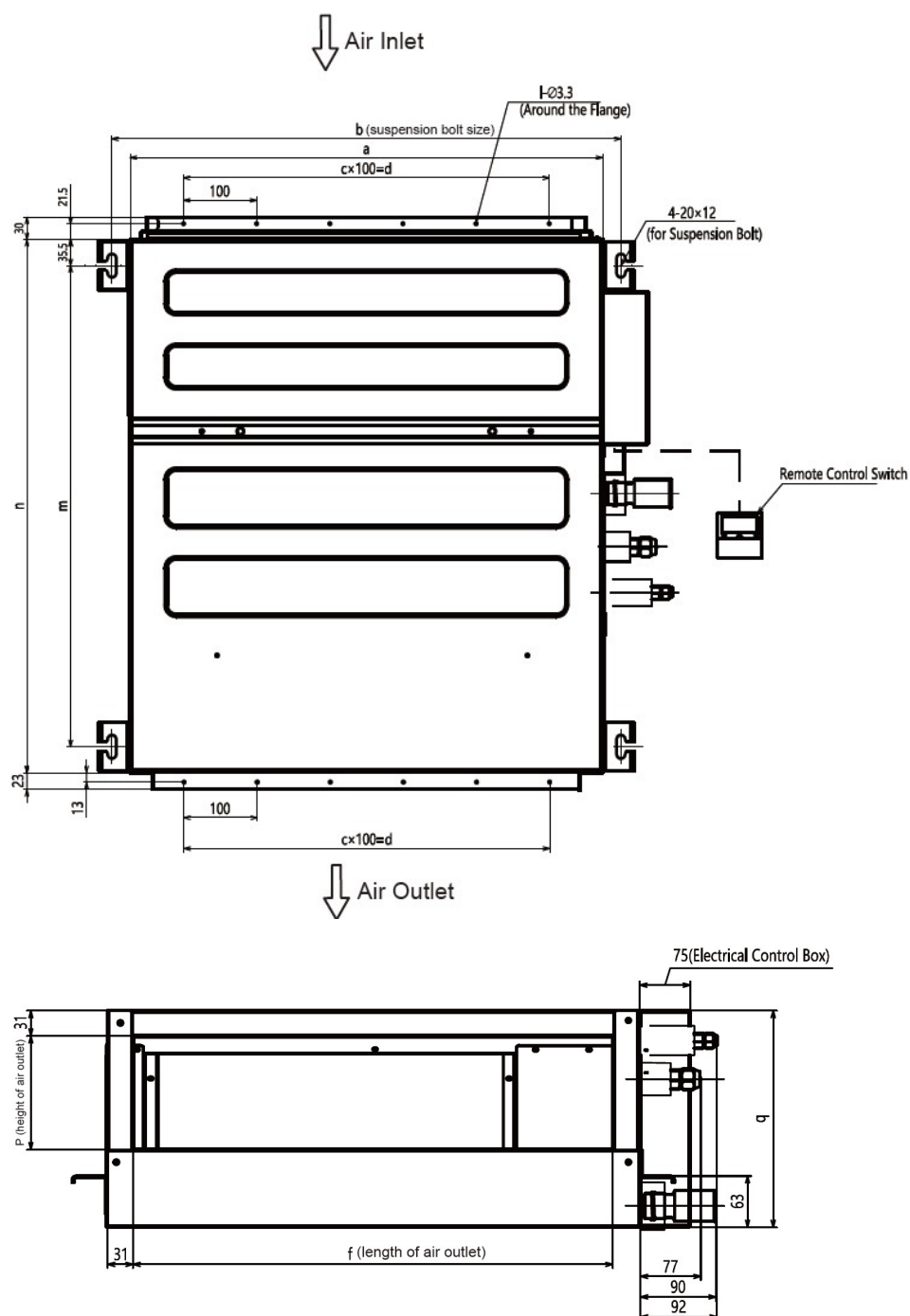
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4. Dimentional Data

Model: RPIH-0.8~6.0HNDUSQ

Unit:mm



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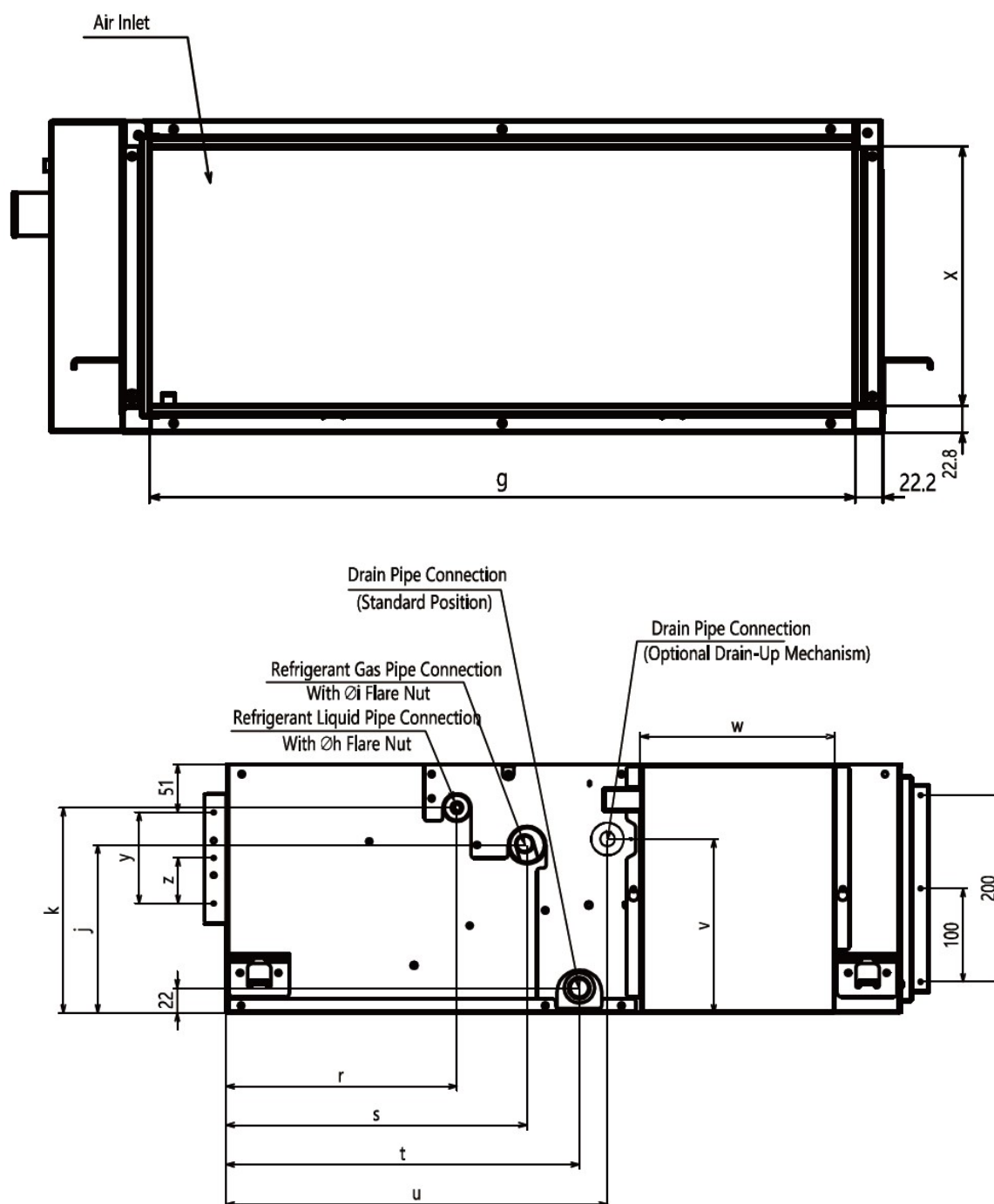
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4. Dimentional Data

Model: RPIH-0.8~6.0HNDUSQ

Unit:mm



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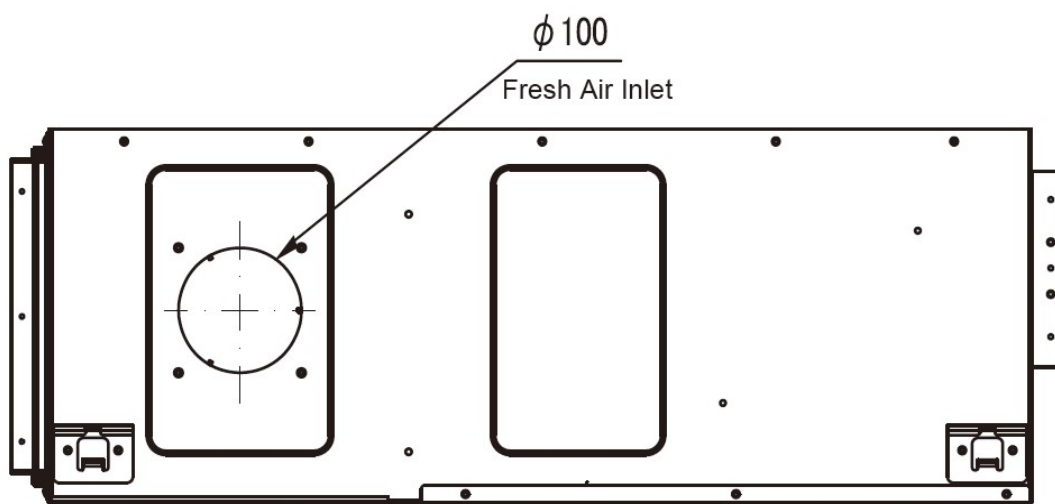
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REV.V00

4. Dimentional Data

Model: RPIH-0.8~6.0HNDUSQ

Unit:mm



Dimension Model	a	b	c	d	f	g	h	i	j	k	l	m
RPIH-0.8~1.5	650	700	5	500	584	601.6	6.35	12.7	182	222	18	650
RPIH-2.0	900	946	8	800	834	851.6	6.35	15.88	182	222	24	650
RPIH-2.5~4.0	1100	1150	10	1000	1038	1055.6	9.53	15.88	150	190	28	727
RPIH-5.0~6.0	1400	1450	13	1300	1338	1353.6	9.53	15.88	150	190	34	727

Dimension Model	n	p	q	r	s	t	u	v	w	x	y	z
RPIH-0.8~1.5	720	140	270	246	321	377	402	188	206.8	223	97.6	48.8
RPIH-2.0	720	140	270	246	321	377	402	188	206.8	223	97.6	48.8
RPIH-2.5~4.0	800	197	300	270	345	401	431	185	231	251	155	77.5
RPIH-5.0~6.0	800	197	300	270	345	401	431	185	231	251	155	77.5

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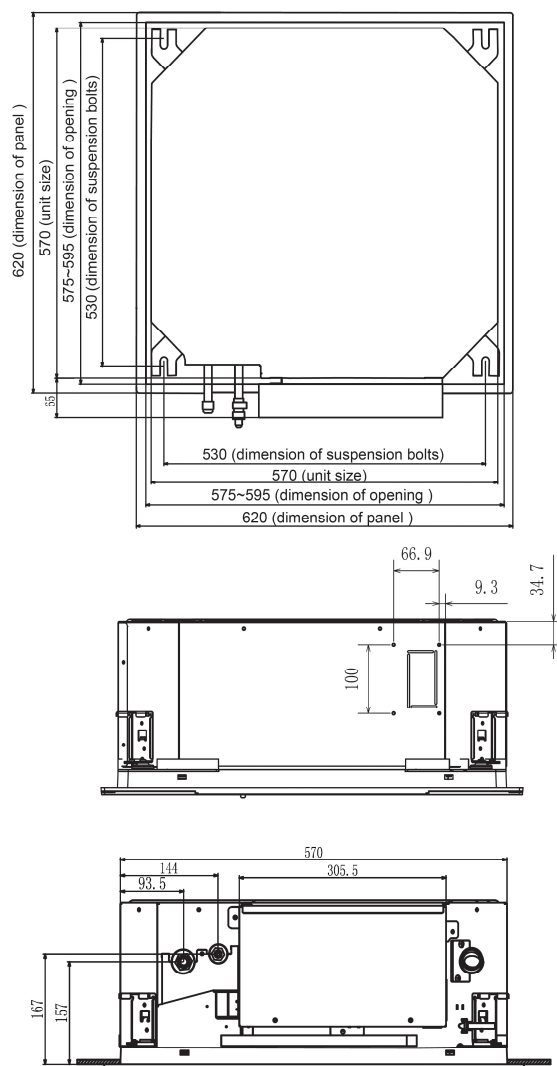
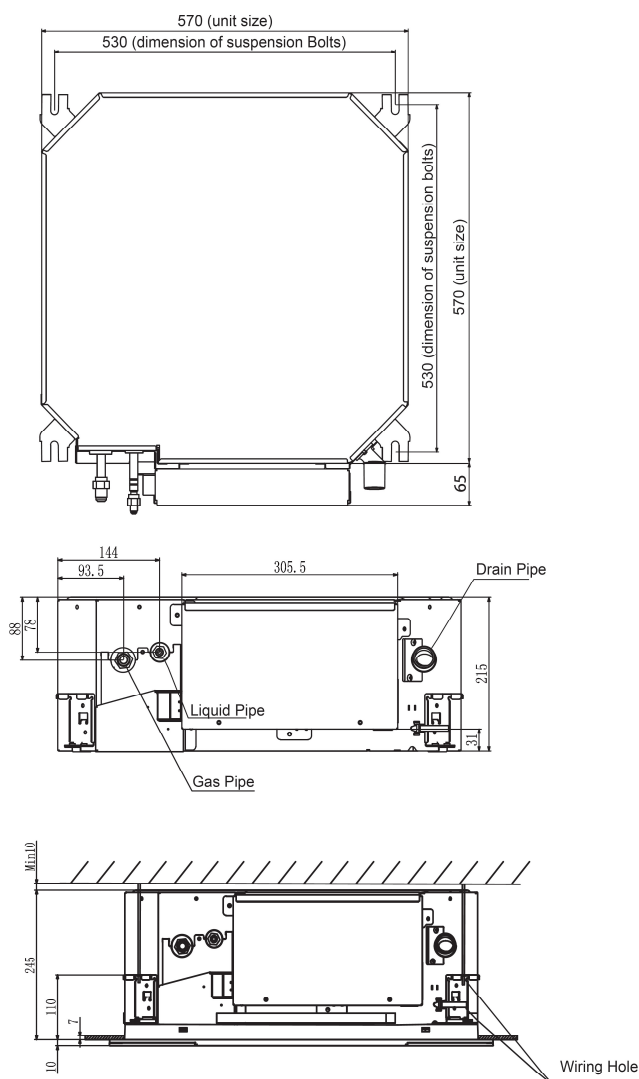
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4. Dimentional Data

Model: RCIM-0.5~2.0HBUSQ

Unit:mm



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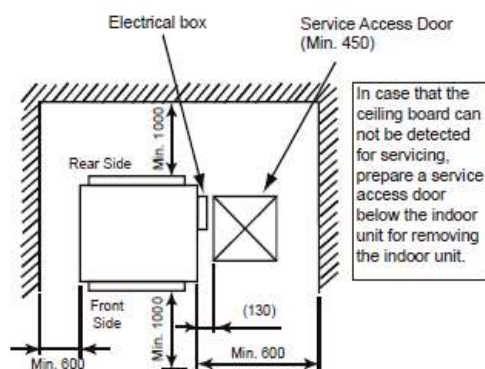
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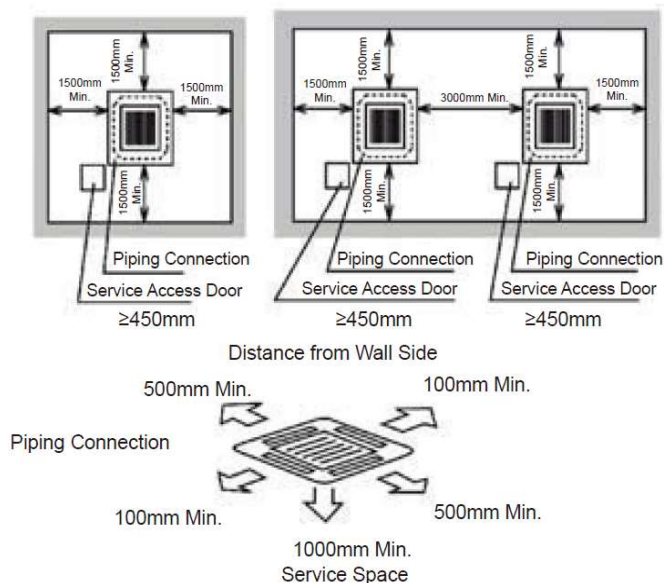
5. Installation and Maintenance

5.1 Installation Space

Model: RPIH-0.8~6.0HNDUSQ

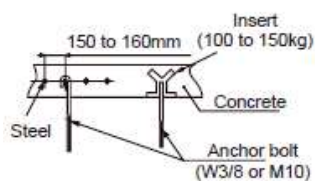


Model: RCIM-0.5~2.0HBUSQ

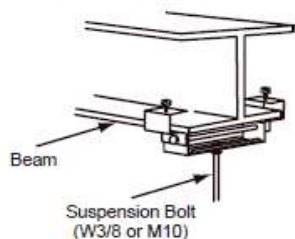


5.2 Mounting the Suspension Bolts

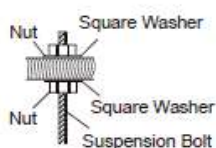
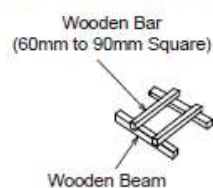
• For Concrete Slab



• For Steel Beam



• For Wooden Beam Suspension



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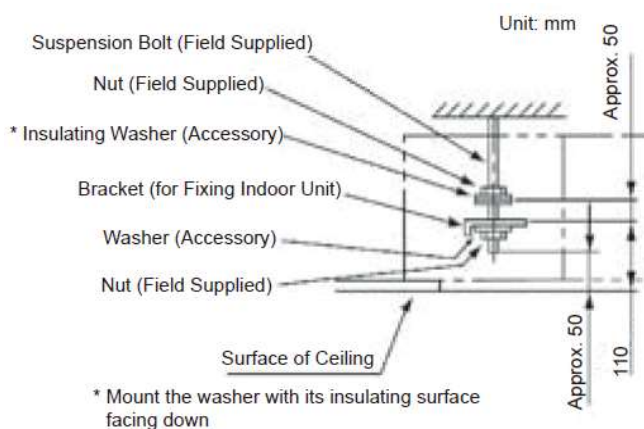
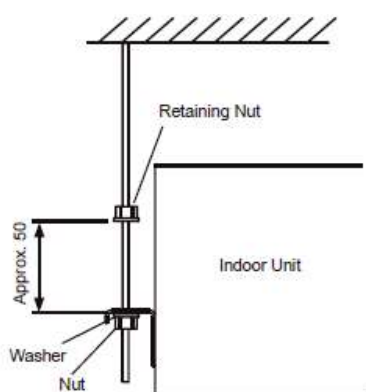
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5. Installation and Maintenance

5.3 Suspension Bolts and Nuts

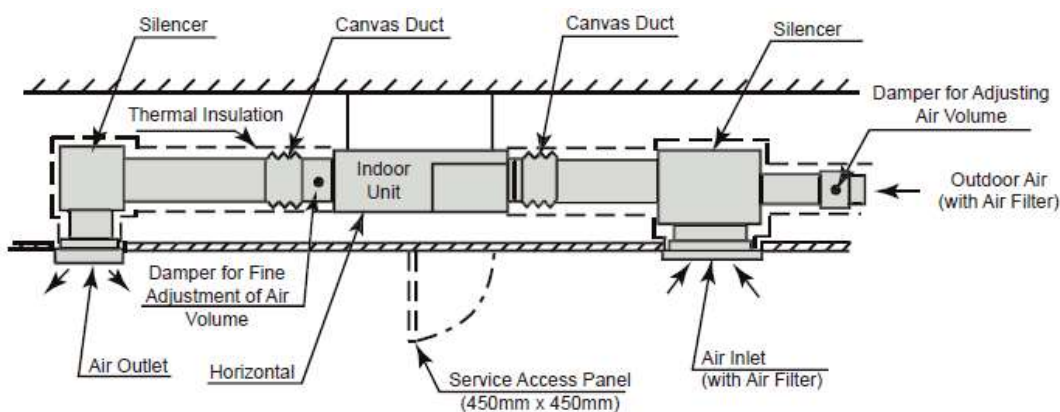
Model: RPIH-0.8~6.0HNDUSQ

Model: RCIM-0.5~2.0HBUSQ



5.4 Air Duct Connection

Model: RPIH-0.8~6.0HNDUSQ



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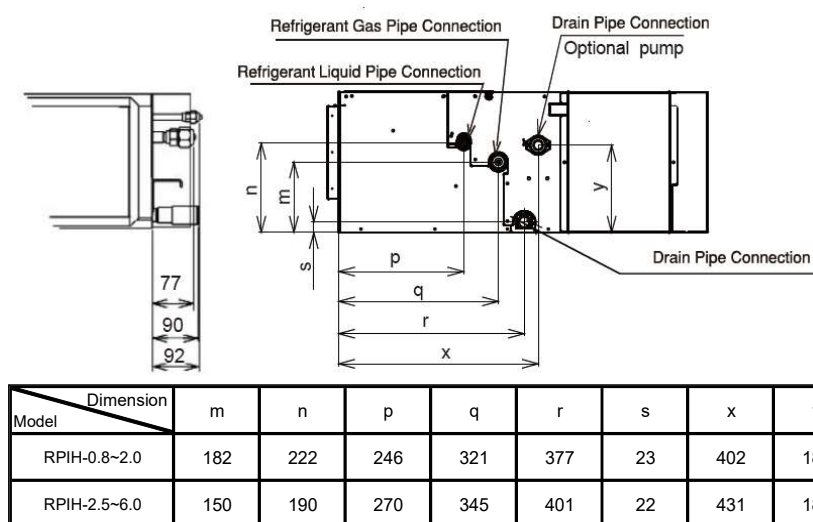
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6.Refrigerant Pipe Connection

Model: RPIH-0.8~6.0HNDUSQ

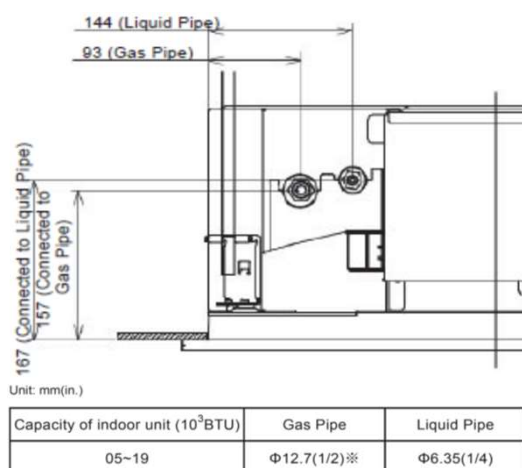
Unit:mm



mm (in.)		
Model	Gas piping	Liquid pipe
0.8 ~ 1.5	φ12.7 (1/2)	φ6.35 (1/4)
2.0	φ15.88 (5/8)	φ6.35 (1/4)
2.5 ~ 6.0	φ15.88 (5/8)	φ9.53 (3/8)

Model: RCIM-0.5~2.0HBUSQ

Unit:mm



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7.Electrical Wiring Connection

General Check

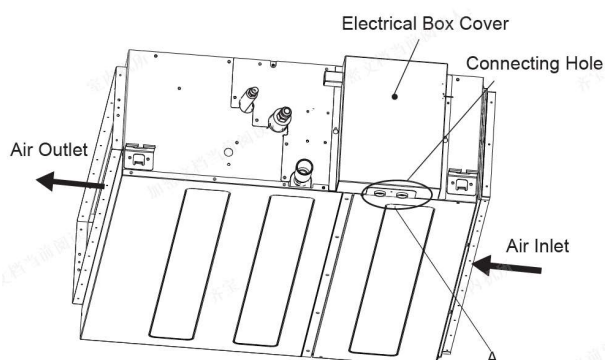
- (1) Make sure that the field-selected electrical components (main power switches, circuit breakers, wires, conduit connectors and wire terminals) have been properly selected according to the electrical data given in "Technical Catalog". Make sure that the components comply with National Electrical Code (NEC).
- (2) Check to ensure that the power supply voltage is within $\pm 10\%$ of the rated voltage.
- (3) Check the capacity of the electrical wires. If the power source capacity is too low, the system cannot be started due to the voltage drop.
- (4) Check to ensure that the ground wire is connected.
- (5) Power Source Main Switch
Install a multi-pole main switch with a space of 3.5mm or more between each phase.

Electrical Wiring Connection

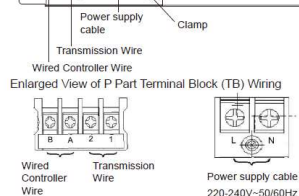
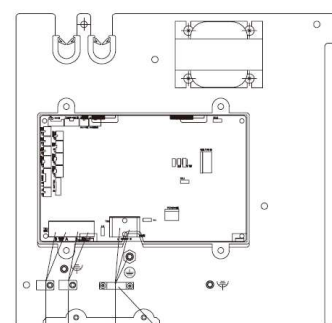
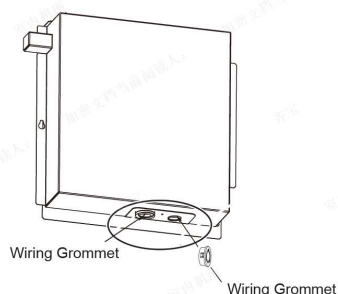
The electrical wiring connection for the indoor unit is shown in figure below.

- (1) Connect transmission wiring between the indoor unit and outdoor unit to the terminal board 1 and 2 in electrical box through the connection hole on electrical box.
- (2) Connect the power supply cable to the terminal board L and N in the electrical box, connect the earth wire to the earthing for power supply cable.
- (3) Connect the transmission wiring between the indoor unit and the wired controller to the terminal board A and B in electrical box.
- (4) Tightly clamp the wires with wire tie in the electrical box.
- (5) Upon completion of wiring connection, seal the wire interface with sealing material to keep condensate water and insects off.

Model: RPIH-0.8~6.0HNDUSQ



Enlarged View of A Part



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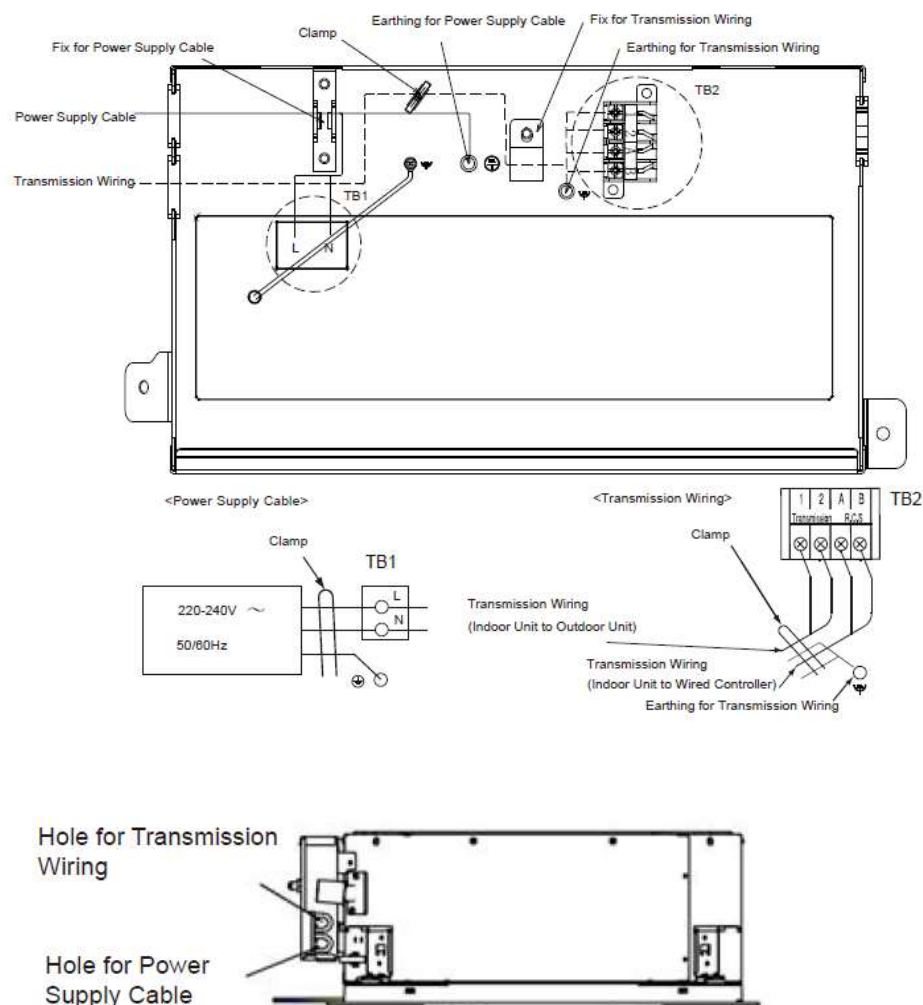
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7. Electrical Wiring Connection

Model: RCIM-0.5~2.0HBSQ



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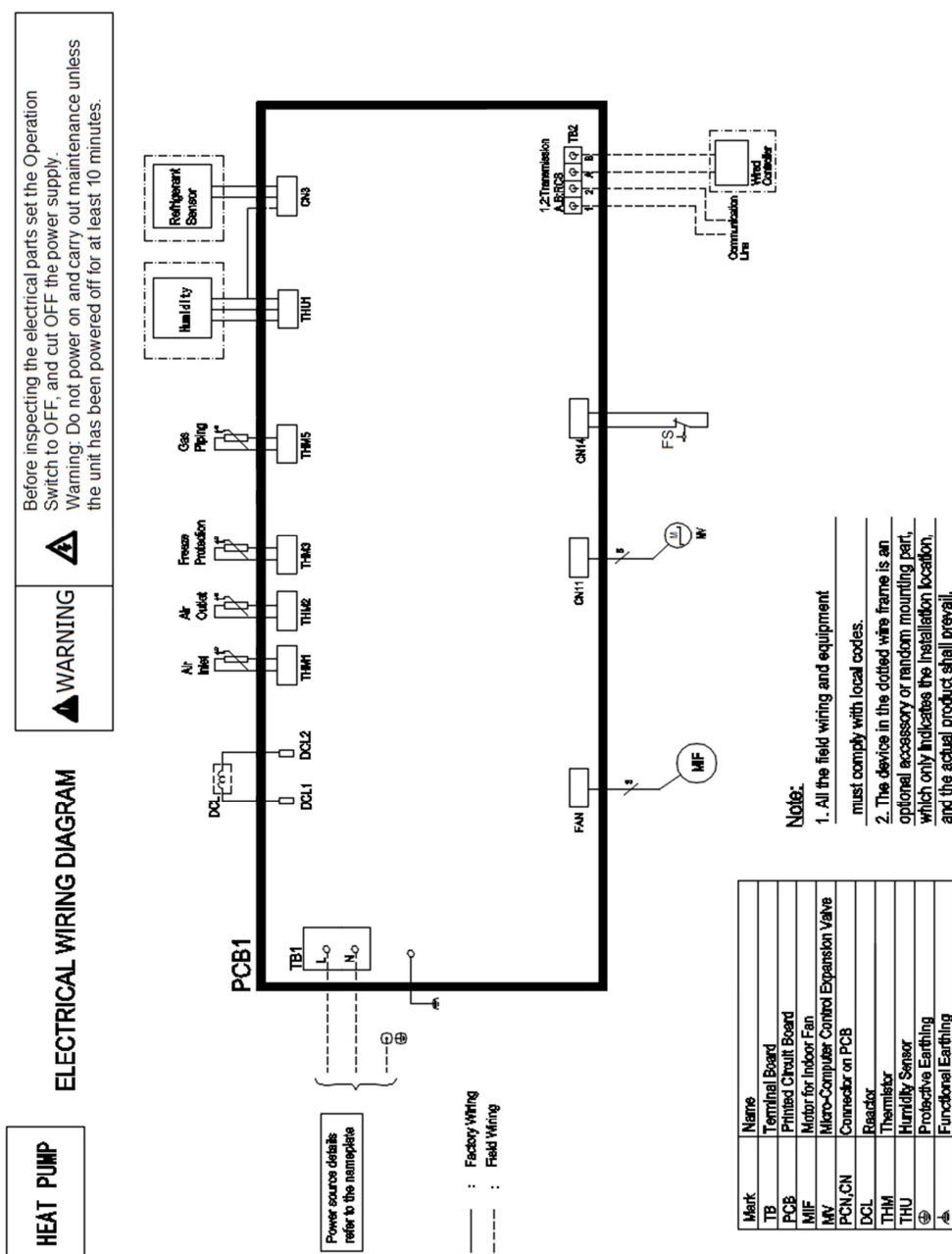
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8. Electrical Wiring Diagram

Model: RPIH-0.8~6.0HNDUSQ



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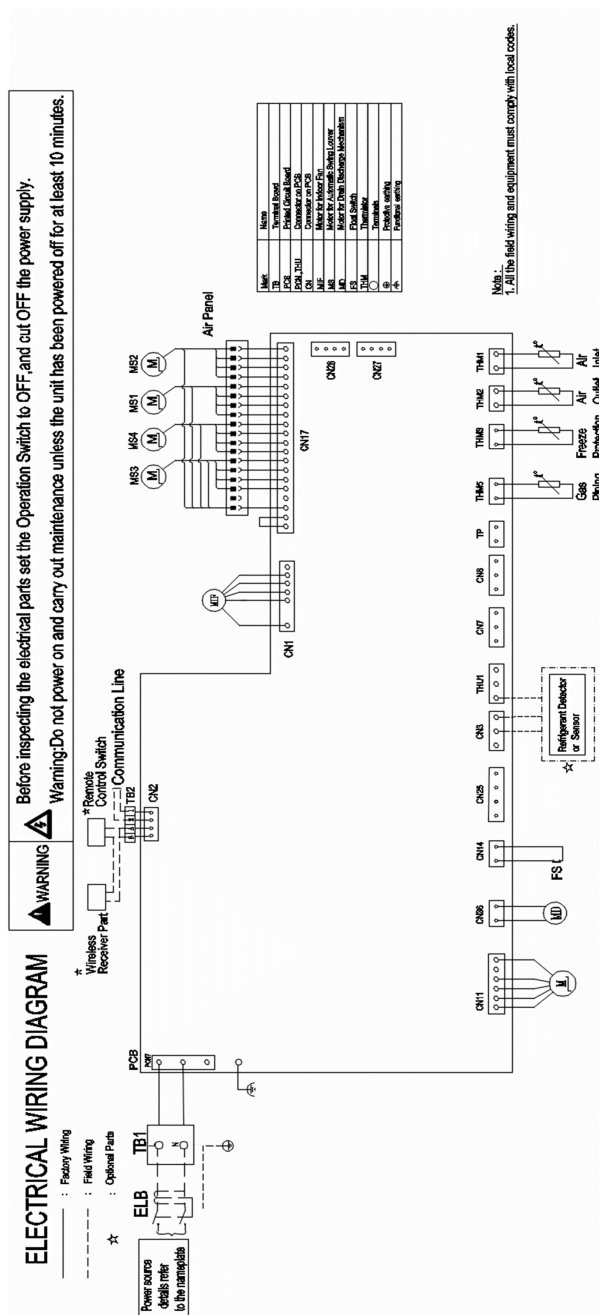
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8. Electrical Wiring Diagram

Model: RCIM-0.5~2.0HBUSQ



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9.Product Features

1) High static pressure

The external static pressure of RPIH-0.8~6.0HNDUSQ is up to 150/200Pa, and 3 levels static pressure are available. Static pressure auto-identification function is reserved.

2) DC fan motor

The ceiling ducted type and mini 4-way cassette type both use DC fan motor, low power consumption.

3) Return air filter and Fresh air intake

Standard with a removable return air .

Fresh air intake is reserved .

4) Self-cleaning function.

Featured with self-cleaning technology, the evaporator can be self-cleaned automatically just with the tap of a button in the controller, which is convenient and saves the cost of manual cleaning, while ensuring the air blown from the air conditioner is clean and healthy.

5) ECO function

The indoor unit automatically adjusts the set temperature and air volume, the outdoor unit limits the compressor frequency, and the fan speed is automatic, thus achieving the effect of energy saving.

6) Quiet function

The indoor unit and outdoor unit can simultaneously reduce the air volume, limit the compressor frequency, and achieve internal and external silence.

7) Sleep function

With just one click, users can enter a comfortable environment suitable for sleeping.

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10.Function List

When paired with different wired/wireless controllers, the indoor unit may have limited compatibility with certain functions. A detailed list of functions is provided below:

Model: RPIH-0.8~6.0HNDUSQ

No.	Category	Functions	DC Ducted Type Unit	Wired Controller				Wireless Controller+Receiver Kit
				PC-P1HMQ	HCWA10NEGQ	PC-ARC	PC-ARFG2	PC-LH8QE+PC-RLH11
1	Mode of Operation	Cool	√	√	√	√	√	√
2		Heat	√	√	√	√	√	√
3		Fan	√	√	√	√	√	√
4		Dry	√	√	√	√	√	√
5		Auto dry	√	√	x	x	x	x
6		Auto cool/Heat	√	√	√	√	√	√
7	Temp/Humidity Setting	Humidity setting range 35-90%	√	√	x	x	x	x
8		Humidity setting accuracy 1%	√	√	x	x	x	x
9		Temp setting 0.5°C	√	√	√	√	√	√
10	Air Flow	Ultra-High	√	√	√	√	√	√
11		High	√	√	√	√	√	√
12		Medium	√	√	√	√	√	√
13		Low	√	√	√	√	√	√
14		Ultra-low	√	√	√	√	√	√
15		Breeze	√	√	√	√	√	√
16		Auto*1	√	√	x	x	x	√
17	Additional Functions	Indoor fan speed increase	√	√	√	√	√	√
18		ECO	√	√	x	x	x	x
19		Quiet	√	√	x	x	x	x
20		Sleep	√	√	x	√	x	x
21		Self-cleaning	√	√	x	x	x	x
22		Filter reset	√	√	x	√	√	√

Model: RCIM-0.5~2.0HBUSQ

No.	Category	Functions	Mini 4-Way Cassette Type Unit	Wired Controller				Wireless Controller+Receiver Kit
				PC-P1HMQ	HCWA10NEGQ	PC-ARC	PC-ARFG2	PC-LH8QE+PC-RLH13QE
1	Mode of Operation	Cool	√	√	√	√	√	√
2		Heat	√	√	√	√	√	√
3		Fan	√	√	√	√	√	√
4		Dry	√	√	√	√	√	√
5		Auto dry	√	√	x	x	x	x
6		Auto cool/Heat	√	√	√	√	√	√
7	Temp/Humidity Setting	Humidity setting range 35-90%	√	√	x	x	x	x
8		Humidity setting accuracy 1%	√	√	x	x	x	x
9		Temp setting 0.5°C	√	√	√	√	√	√
10	Air Flow	Ultra-High	√	√	√	√	√	√
11		Medium	√	√	√	√	√	√
12		Low	√	√	√	√	√	√
13		Breeze	√	√	√	√	√	√
14		Auto*1	√	√	x	x	x	√
15		Indoor fan speed increase	√	√	√	√	√	√
16		Louver	√	√	√	√	√	√
17	Louver Setting	Individual louver control	√	√	x	x	x	x
18		Louver angle setting	√	√	√	√	√	√
19		Upwind and downwind (Unified regulation)	√	√	√	√	√	√
20		Upwind and downwind (4 louvers individually adjusted)	√	√	x	x	x	x
21	Additional Functions	ECO	√	√	x	x	x	x
22		Quiet	√	√	x	x	x	x
23		Sleep	√	√	x	√	x	x
24		Self-cleaning	√	√	x	x	x	x
25		Wind free	√	√	x	x	x	x
26		Filter reset	√	√	x	√	√	√
27	Motion Sensor	Direct blow	√	√	x	x	x	x
28		Avoid direct blow	√	√	x	x	x	x
29		ECO mode based on vacancy judgement	√	√	x	x	x	x

Note:

- *1) The wired controllers HCWA10NEGQ, PC-ARC and PC-ARFG2 do not support the auto fan mode while the central controller does such as CPC-H1KB64Q, CCS-160R1DQ. When setting auto fan mode from the central controller, the wired controller will be centrally controlled., and the central control will automatically release after 6 minutes.
- Only the PC-P1HMQ wired controller supports the Auto dry, Humidity setting, Auto fan mode, 4 Louvers Individually adjusted, ECO, Quiet, Wind free, Self-cleaning functions and Motion sensor.

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11.Optional Part List

Series	Model	DC Ceiling Ducted Type	Mini 4-Way Cassette Type
Bacnet Adapter	CPC-H1KB16Q	•	•
	CPC-H1KB64Q	•	•
Modbus Adapter	CPC-H2M4CQ	•	•
Mini Modbus Adapter	CPC-H2M5CQ	•	•
E-Master	CCS-H160H2C3YMQ	•	•
T-Master	CCS-160R1DQ	•	•
Wired Controller	HCWA10NEGQ	•	•
	PC-P1HMQ	•	•
Wireless Controller	PC-LH8QE	•	•
	PC-LH8QE1	•	•
Receiver Kit	PC-RLH11	•	—
	PC-RLHN13QE	—	•
Panel	PHKM50PAQ1	—	•
Filter	KW-PP7Q#E	•(RPIH-0.8~1.5HNDUSQ)	—
	KW-PP8Q#E	•(RPIH-2.0HNDUSQ)	—
	KW-PP9Q#E	•(RPIH-2.5~4.0HNDUSQ)	—
	KW-PP10Q#E	•(RPIH-5.0~6.0HNDUSQ)	—
Drain Pump	DUPI-131Q#E	•(RPIH-0.8~2.0HNDUSQ)	—
	DUPI-361Q#E	•(RPIH-2.5~6.0HNDUSQ)	—
Motion Sensor	SOR-NEDSQ	•	—
	PS-CMSK	—	•
AirPure Kit	JK-LZAQ	•	—

Standard: √; Optional: •; Unavailable: X; Unrelated: —

Note:

1、 When the Wired Controller PC-P1HMQ and Bacnet Adapter CPC-H1KB16Q/CPC-H1KB64Q are used together with the indoor unit series RPIZ-0.8~2.5HNDTS1Q or RPIZ-22~71CT, the Wired Controller may be centrally controlled. Please avoid using the Wired Controller PC-P1HMQ and Bacnet Adapter CPC-H1KB16Q/CPC-H1KB64Q simultaneously.

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12. Compatible Outdoor Units

Series	Category	Model
Tier-1 Heat Pump	Commercial	RAS-8.0HNBBMQ
		RAS-10HNBBMQ
		RAS-12HNBBMQ
		RAS-14HNBBMQ
		RAS-16HNBBMQ
		RAS-18HNBBMQ
		RAS-20HNBBMQ
Tier-1 T3 Heat Pump	Commercial	RAS-22HNBBMQ
		RAS-10JNBBTQ
		RAS-12JNBBTQ
		RAS-14JNBBTQ
		RAS-16JNBBTQ
		RAS-18JNBBTQ
		RAS-8.0JNBBTQ
Tier-2 Heat Recovery	Commercial	RAS-8.0RNBCLQ
		RAS-10RNBCLQ
		RAS-12RNBCLQ
		RAS-14RNBCLQ
		RAS-16RNBCLQ
		RAS-18RNBCLQ
		RAS-20RNBCLQ
Tier-2 Heat Pump	Commercial	RAS-22RNBCLQ
		RAS-24RNBCLQ
		RAS-8.0HNBCM
		RAS-10HNBCM
		RAS-12HNBCM
		RAS-14HNBCM
		RAS-16HNBCM
Tier-2 Heat Pump	Commercial	RAS-18HNBCM
		RAS-20HNBCM
		RAS-22HNBCM
		RAS-24HNBCM
		RAS-8.0HNBCM2
		RAS-10HNBCM2
		RAS-12HNBCM2
Tier-2 Heat Pump	Commercial	RAS-14HNBCM2
		RAS-16HNBCM2
		RAS-18HNBCM2
		RAS-20HNBCM2
		RAS-22HNBCM2
		RAS-24HNBCM2
Tier-2 Cooling Only	Commercial	RAS-10CNBCM
		RAS-12CNBCM
		RAS-14CNBCM
		RAS-16CNBCM
		RAS-18CNBCM
		RAS-20CNBCM
		RAS-22CNBCM
Tier-2 Cooling Only	Commercial	RAS-24CNBCM
		RAS-8.0CNBCM
		RAS-8CNBSM5Q
		RAS-10CNBSM5Q
		RAS-12CNBSM5Q
		RAS-14CNBSM5Q
		RAS-16CNBSM5Q
Tier-2 Cooling Only	Commercial	RAS-18CNBSM5Q
		RAS-20CNBSM5Q
		RAS-22CNBSM5Q
		RAS-24CNBSM5Q
		RAS-26CNBSM5Q
		RAS-28CNBSM5Q
Tier-2 Cooling Only	Commercial	RAS-8CNBSM7Q
		RAS-10CNBSM7Q
		RAS-12CNBSM7Q
		RAS-14CNBSM7Q
		RAS-16CNBSM7Q
		RAS-18CNBSM7Q
		RAS-20CNBSM7Q
Tier-2 Cooling Only	Commercial	RAS-22CNBSM7Q
		RAS-24CNBSM7Q
		RAS-26CNBSM7Q
		RAS-28CNBSM7Q

Series	Category	Model
Tier-2 Heat Pump	Commercial	RAS-8HNBSM7Q
		RAS-10HNBSM7Q
		RAS-12HNBSM7Q
		RAS-14HNBSM7Q
		RAS-16HNBSM7Q
		RAS-18HNBSM7Q
		RAS-20HNBSM7Q
Tier-2 Heat Pump (India)	Commercial	RAS-22HNBSM7Q
		RAS-24HNBSM7Q
		RAS-26HNBSM7Q
		RAS-28HNBSM7Q
		RAS-8.0HNBCM1
		RAS-10HNBCM1
		RAS-12HNBCM1
Tier-2 Cooling Only (India)	Commercial	RAS-14HNBCM1
		RAS-16HNBCM1
		RAS-18HNBCM1
		RAS-20HNBCM1
		RAS-22HNBCM1
		RAS-24HNBCM1
Tier-2	Commercial	RAS-8.0CNBCM1#01
		RAS-10CNBCM1#01
		RAS-12CNBCM1#01
		RAS-14CNBCM1#01
		RAS-16CNBCM1#01
		RAS-18CNBCM1#01
		RAS-20CNBCM1#01
Tier-2	Commercial	RAS-22CNBCM1#01
		RAS-24CNBCM1#01
		RAS-8.0HNBCTQ
		RAS-10HNBCTQ
		RAS-12HNBCTQ
		RAS-14HNBCTQ
		RAS-16HNBCTQ
Tier-2	Residential	RAS-18HNBCTQ
		RAS-20HNBCTQ
		RAS-22HNBCTQ
		RAS-24HNBCTQ
		RAS-3.0HNSKQ
		RAS-3.5HNSKQ
		RAS-4.0HNSKQ
Tier-2 Heat Pump	Residential	RAS-4.5HNSKQ
		RAS-5.0HNSKQ
		RAS-6.0HNSKQ
		RAS-6.5HNSKQ#01
		RAS-7.0HNSKQ#01
		RAS-080HNBSTQ
		RAS-090HNBSTQ
T3 MINI	Residential	RAS-100HNBSTQ
		RAS-110HNBSTQ
		RAS-120HNBSTQ
		RAS-040HNSRMQ3
		RAS-050HNSRMQ3
		RAS-060HNSRMQ3
		RAS-080HNSRMQ3
Tier-3 Heat Pump	Residential	RAS-100HNSRMQ3
		RAS-120HNSRMQ3
		RAS-6.0JNBRKQ
		RAS-3.0FSLN3QE
		RAS-3.5FSLN3QE
		RAS-4.0FSLN3QE
		RAS-5.0FSLN3QE
Tier-3 Heat Pump	Residential	RAS-6.0FSLN3QE
		RAS-6.5FSLN3QE
		RAS-7.0FSLN3QE
		RAS-8.0FSLN3QE