

CEILING CASSETTE

4-way cassette type



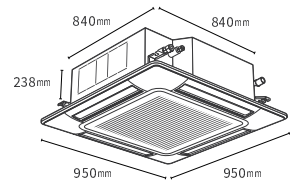
Dimensions

RCI-1.0 FSKDNQ 20kg

RCI-1.5~2.0 FSKDNQ 21kg

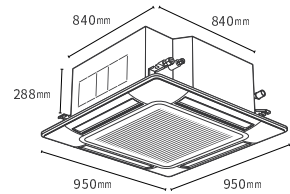
RCI-2.5 FSKDNQ 22kg

Decoration panel 6.5kg



RCI-3.0~6.0 FSKDNQ 26kg

Decoration panel 6.5kg



Model		RCI-1.0FSKDNQ	RCI-1.5FSKDNQ	RCI-2.0FSKDNQ	RCI-2.5FSKDNQ	RCI-3.0FSKDNQ	RCI-4.0FSKDNQ	RCI-5.0FSKDNQ	RCI-6.0FSKDNQ
Indoor Unit Power Supply		AC 1Φ, 220-240V/50Hz, 220V/60Hz							
Nominal Cooling Capacity	kW(Btu/h)	2.8(9,600)	4.0(13,600)	5.6(19,100)	7.1(24,200)	8.0(27,300)	11.2(38,200)	14.0(47,800)	16.0(54,600)
Nominal Cooling Capacity*	kW(Btu/h)	2.8(9,900)	4.0(14,100)	5.6(19,800)	7.1(25,000)	8.0(28,200)	11.2(39,700)	14.0(49,600)	16.0(56,300)
Nominal Heating Capacity	kW(Btu/h)	3.2(10,900)	4.8(16,400)	6.3(21,500)	8.5(29,000)	9.0(30,700)	12.5(42,600)	16.0(54,600)	18.0(61,400)
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
Outer Dimensions	Height	mm(in.)	238(9-3/4)	238(9-3/4)	238(9-3/4)	288(11-3/4)	288(11-3/4)	288(11-3/4)	288(11-3/4)
	Width	mm(in.)	840(33-1/16)	840(33-1/16)	840(33-1/16)	840(33-1/16)	840(33-1/16)	840(33-1/16)	840(33-1/16)
	Depth	mm(in.)	840(33-1/16)	840(33-1/16)	840(33-1/16)	840(33-1/16)	840(33-1/16)	840(33-1/16)	840(33-1/16)
Net Weight	kg(lbs.)	20(44)	21(46)	21(46)	22(49)	26(57)	26(57)	26(57)	26(57)
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Indoor Fan	Air Flow Rate(Hi2/Hi/Me/Lo)	m³/min.(l/s)	15/13/11/9	21/17/14/11	22/17/14/11	27/23/18/14	27/23/18/14	37/31/24/20	37/31/24/20
			(250/217/183/150)	(350/283/233/183)	(367/283/233/183)	(450/383/300/233)	(450/383/300/233)	(617/517/400/333)	(617/517/400/333)
Motor	W	57	57	57	57	57	127	127	127
Connections		Flare-Nut Connection (with Flare Nuts)							
Refrigerant Piping	Liquid Line	mm(in.)	φ6.35(1/4)	φ6.35(1/4)	φ6.35(1/4)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)
	Gas Line	mm(in.)	φ12.7(1/2)	φ12.7(1/2)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)
	Condensate Drain		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

Decoration Panel		included
Color		Neutral white
Outer Dimensions	Height	mm
	Width	mm
	Depth	mm
Net Weight	kg	6.5
Packing Volume	m³	0.1

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°C DB (80°F DB)
19.0°C WB (66.2°F WB)
* 19.5°C WB (67.0°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)
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.

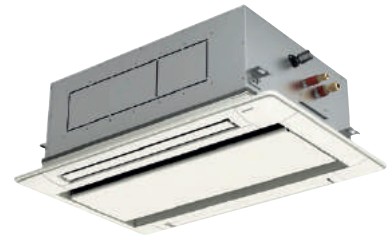
1.5 Meters Beneath the Unit.

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. Decoration panel is included.

CEILING CASSETTE

2-way cassette type



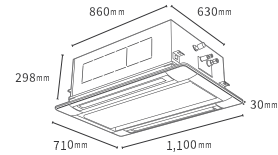
Dimensions

RCD-0.8~1.0 FSN3 23kg

RCD-1.5~2.0 FSN3 25kg

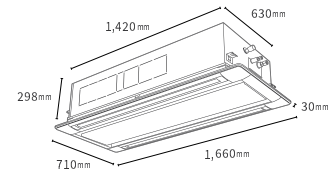
RCD-2.5~3.0 FSN3 25kg

P-AP90DNA 7.5kg



RCD-4.0~6.0 FSN3 39kg

P-AP160DNA 10.5kg



Model			RCD-0.8FSN3	RCD-1.0FSN3	RCD-1.5FSN3	RCD-2.0FSN3	RCD-2.5FSN3	RCD-3.0FSN3	RCD-4.0FSN3	RCD-5.0FSN3	RCD-6.0FSN3
Indoor Unit Power Supply			AC 1Φ, 220-240V/50Hz, 220V/60Hz								
Nominal Cooling Capacity			kW(Btu/h)	2.2(7,500)	2.8(9,600)	4.0(13,600)	5.6(19,100)	7.1(24,200)	8.0(27,300)	11.2(38,200)	14.0(47,800)
Nominal Cooling Capacity*			kW(Btu/h)	2.2(7,900)	2.8(9,900)	4.0(14,100)	5.6(19,800)	7.1(25,000)	8.0(28,200)	11.2(39,700)	14.0(49,600)
Nominal Heating Capacity			kW(Btu/h)	2.5(8,500)	3.2(10,900)	4.8(16,400)	6.3(21,500)	8.5(29,000)	9.0(30,700)	12.5(42,600)	16.0(54,600)
Sound Pressure Level(Hi2/Hi/Me/Lo)			dB(A)	30/29/28/27	31/29/28/27	37/34/31/30	39/36/33/30	42/39/36/33	45/42/38/33	43/40/37/34	47/44/41/35
Outer Dimensions	Height	mm(in.)	298(11-3/4)	298(11-3/4)	298(11-3/4)	298(11-3/4)	298(11-3/4)	298(11-3/4)	298(11-3/4)	298(11-3/4)	298(11-3/4)
	Width	mm(in.)	860(33-7/8)	860(33-7/8)	860(33-7/8)	860(33-7/8)	860(33-7/8)	860(33-7/8)	1,420(55-7/8)	1,420(55-7/8)	1,420(55-7/8)
	Depth	mm(in.)	630(24-13/16)	630(24-13/16)	630(24-13/16)	630(24-13/16)	630(24-13/16)	630(24-13/16)	630(24-13/16)	630(24-13/16)	630(24-13/16)
Net Weight			kg(lbs.)	23(50.7)	23(50.7)	25(55.1)	25(55.1)	25(55.1)	25(55.1)	39(86.0)	39(86.0)
Refrigerant				R410A (Nitrogen-Charged for Corrosion-Resistance)							
Indoor Fan	Air Flow Rate (Hi2/Hi/Me/Lo)	m ³ /min. (cfm)	10/9/7.5/6.5 (353/318/265 /230)	11/9.5/8.5/7 (388/335/300 /247)	15/13/11.5/10 (530/459/406 /353)	16.5/14.5 /12.5/10.5 (583/512/441 /371)	18.5/16.5 /14.5/12.5 (653/583/512 /441)	21/18.5 /16/12.5 (742/653/565 /441)	30/26.5/23/20 (1,059/936 /812/706)	35/31/27/21 (1,236/1,095 /953/742)	37/32.5 /28.5/24 (1,306/1,147 /1,006/847)
			57	57	57	57	57	57	57 x 2	57 x 2	57 x 2
			Flare-Nut Connection (with Flare Nuts)								
Refrigerant Piping	Liquid Line	mm(in.)	φ6.35(1/4)	φ6.35(1/4)	φ6.35(1/4)	φ6.35(1/4)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)
	Gas Line	mm(in.)	φ12.7(1/2)	φ12.7(1/2)	φ12.7(1/2)	φ12.7(1/2)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)
	Condensate Drain		VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25
Approximate Packing Volume			m ³	0.24	0.24	0.24	0.24	0.24	0.24	0.36	0.36

Adaptable Panel Model			P-AP90DNA (for RCD- [0.8-3.0] FSN3)			P-AP160DNA (for RCD- [4.0-6.0] FSN3)		
Color			Neutral White			Neutral White		
Outer Dimensions	Height	mm(in.)	30(1-3/16)			30(1-3/16)		
	Width	mm(in.)	1,100(43-5/16)			1,660(65-3/8)		
	Depth	mm(in.)	710(27-15/16)			710(27-15/16)		
Net Weight			7.5(16.5)			10.5(23.2)		
Approximate Packing Volume			0.13			0.20		

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°C DB (80°F DB)
19.0°C WB (66.2°F WB)
*19.5°C WB (67.0°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

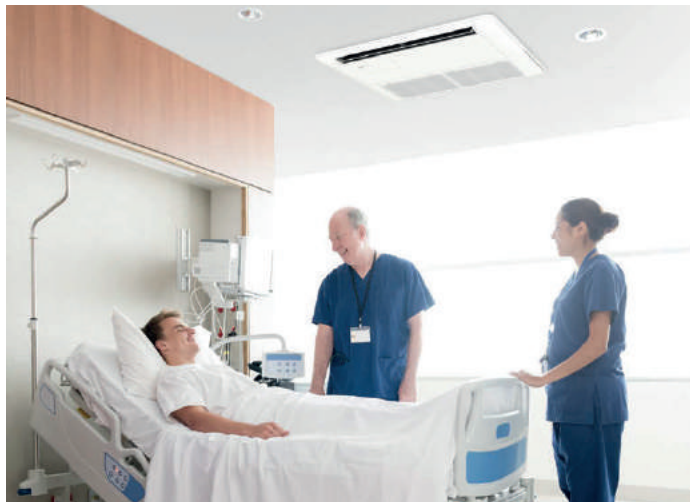
2. The sound pressure level is based on following conditions.

1.5 Meters 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.

CEILING CASSETTE

1-way cassette type



Dimensions

RCS-0.8~1.0 FSN 25kg

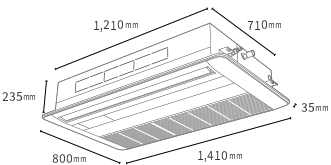
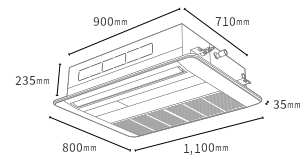
RCS-1.5~2.0 FSN 26kg

P-AP36CNA 4.5kg

P-AP56CNA 4.5kg

RCS-2.5~3.0 FSN 33kg

P-AP80CNA 6kg



Model		RCS-0.8FSN	RCS-1.0FSN	RCS-1.5FSN	RCS-2.0FSN	RCS-2.5FSN	RCS-3.0FSN
Indoor Unit Power Supply		AC 1Φ, 220-240V/50Hz, 230V/50Hz, 220V/60Hz					
Nominal Cooling Capacity	kW(Btu/h)	2.2(7,500)	2.8(9,600)	4.0(13,600)	5.6(19,100)	7.1(24,200)	8.0(27,300)
Nominal Cooling Capacity*	kW(Btu/h)	2.2(7,900)	2.8(9,900)	4.0(14,100)	5.6(19,800)	7.1(25,000)	8.0(28,200)
Nominal Heating Capacity	kW(Btu/h)	2.5(8,500)	3.2(10,900)	4.8(16,400)	6.3(21,500)	8.5(29,000)	9.0(30,700)
Sound Pressure Level(Hi2/Hi/Me/Lo)	dB(A)	34/32/29/27	36/34/31/28	40/37/33/31	42/38/35/31	43/39/36/32	43/40/37/33
Outer Dimensions	Height	mm(in.)	235(9-1/4)	235(9-1/4)	235(9-1/4)	235(9-1/4)	235(9-1/4)
	Width	mm(in.)	900(35-7/16)	900(35-7/16)	900(35-7/16)	1,210(47-5/8)	1,210(47-5/8)
	Depth	mm(in.)	710(27-15/16)	710(27-15/16)	710(27-15/16)	710(27-15/16)	710(27-15/16)
Net Weight	kg(lbs.)	25(55.1)	25(55.1)	26(57.3)	26(57.3)	33(72.8)	33(72.8)
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
Indoor Fan	m ³ /min	8.5/7.5/6.5/6	9.5/8.5/7.5/6.5	13/11.5/10/8.5	14.5/13/11/9.5	18.5/16.5/14.5/12.5	20/17.5/15.5/13
Air Flow Rate(Hi2/Hi/Me/Lo)	(cfm)	(300/265/229/212)	(335/300/265/229)	(459/406/353/300)	(512/459/388/335)	(653/582/512/424)	(706/618/547/459)
Motor Output	W	50	50	50	50	80	80
Connections		Flare-Nut Connection (with Flare Nuts)					
Refrigerant Piping	Liquid Line	mm(in.)	φ6.35(1/4)	φ6.35(1/4)	φ6.35(1/4)	φ9.52(3/8)	φ9.52(3/8)
	Gas Line	mm(in.)	φ12.7(1/2)	φ12.7(1/2)	φ12.7(1/2)	φ15.88(5/8)	φ15.88(5/8)
	Condensate Drain		VP25	VP25	VP25	VP25	VP25
Approximate Packing Volume	m ³	0.25	0.25	0.25	0.25	0.32	0.32

Adaptable Panel Model		P-AP36CNA (for RCS-[0.8-1.5]FSN)	P-AP56CNA (for RCS-2.0FSN)	P-AP80CNA (for RCS-[2.5-3.0]FSN)
Color		Neutral White	Neutral White	Neutral White
Outer Dimensions	Height	mm(in.)	35(1-3/8)	35(1-3/8)
	Width	mm(in.)	1,100(43-5/16)	1,410(55-1/2)
	Depth	mm(in.)	800(31-1/2)	800(31-1/2)
Net Weight	kg(lbs.)	4.5(9.9)	4.5(9.9)	6(13.2)

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°C DB (80°F DB)
19.0°C WB (66.2°F WB)
*19.5°C WB (67.0°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)
7°C DB (45°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.
1.5 Meters 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.

DUCTED FSNQ series(220-240V)

High ESP (external static pressure) type



Model			RPI-3.0FSNQH	RPI-3.3FSNQH	RPI-4.0FSNQH	RPI-5.0FSNQH	RPI-6.0FSNQH	RPI-8.0FSNQ	RPI-10.0FSNQ
Indoor Unit Power Supply			AC 1Φ , 220-240V/50Hz						AC 3Φ , 380-415V/50Hz
Capacity	Cooling	kW (BTU/h)	8.4 (27,300)	9.0 (30,700)	11.2 (38,200)	14.2 (47,800)	16.0 (54,600)	22.4 (76,400)	28.0 (95,500)
	Cooling*	kW (BTU/h)	8.4 (28,200)	9.0 (31,700)	11.2 (39,700)	14.2 (49,600)	16.0 (56,300)	22.4 (77,300)	28.0 (96,700)
	Heating	kW	9.6	10.0	13.0	16.3	18.0	25.0	31.5
Power Input		W	280	280	280	400	400	1,000	1,240
Current	Normal	A	1.30	1.30	1.30	1.90	1.90	1.90	2.40
Air Flow Rate (Hi/Me/Lo)		m ³ /min	25/21/17	25/21/17	27/23/19	37/31/25	38/35/29	58	72
ESP	Standard (min/max)	Pa	120(90/120)	120(90/120)	120(90/120)	120(90/120)	120(90/120)	180	180
Dimension	Unit (H×W×D)	mm	350×(900+75)×800	350×(900+75)×800	350×(900+75)×800	350×(1,300+75)×800	350×(1,300+75)×800	470×1,060×1,120	470×1,250×1,120
Weight	Net Weight	kg	46	46	46	58	58	96	104
Air Outlet Size		mm	803×220	803×220	803×220	1,203×220	1,203×220	916×338	1,106×338
Air Inlet Size		mm	833×306	833×306	833×306	833×306	833×306	910×415	1,100×415
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A
Sound Pressure Level (Hi/Me/Lo)		dB(A)	42/39/35	42/39/35	43/40/36	44/41/37	45/41/37	50	52
Connections			Flare-Nut Connection (with Flare Nuts)						Brazing
Piping	Liquid line	mm (in)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)
	Gas line	mm (in)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ19.05(3/4)	φ22.23(7/8)
	Drainage		VP25	VP25	VP25	VP25	VP25	VP25	VP25
Packaging Volume		m ³	0.38	0.38	0.38	0.52	0.52	0.90	1.06

NOTES:

1.The nominal cooling capacity is the combined capacity of the Hitachi standard split system, and is based on the JIS standard B8616.

Cooling Operation Conditions

Indoor Air Inlet Temperature: 27°C DB (80°F DB)
19.0°C WB (66.2°F WB)
*19.5°C WB (67.0°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)

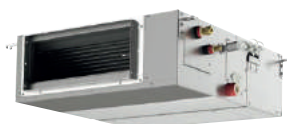
Piping Length: 7.5 Meters

Piping Lift: 0 Meter

2. The sound pressure level is based on following conditions.
1.5 Meters Beneath the Unit. With Discharge Duct (2.0m) and Return Duct (1.0m). Voltage of the power source for the indoor fan motor is 220V. In case of the power source of 240V, the sound pressure level increases by about 1 dB(A). The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

3. The data for external pressure *3) indicates "Standard Pressure Setting values when a filter is not used.

Medium ESP (external static pressure) type



Model			RPI-0.8FSNQH	RPI-1.0FSNQH	RPI-1.3FSNQH	RPI-1.5FSNQH	RPI-1.8FSNQH	RPI-2.0FSNQH	RPI-2.3FSNQH	RPI-2.5FSNQH	RPI-8.0FSNQ3Q	RPI-10.0FSNQ3Q
Indoor Unit Power Supply			AC 1Φ , 220-240V/50Hz									AC 3Φ , 380-415V/50Hz
Capacity	Cooling	kW (BTU/h)	2.2 (7,500)	2.8 (9,600)	3.6 (12,300)	4.3 (13,600)	5.0 (17,100)	5.6 (19,100)	6.3 (21,500)	7.1 (24,200)	22.4 (76,400)	28.0 (95,500)
	Cooling*	kW (BTU/h)	2.2 (7,900)	2.8 (9,900)	3.6 (13,000)	4.3 (14,100)	5.0 (17,700)	5.6 (19,800)	6.3 (22,200)	7.1 (25,000)	22.4 (77,300)	28.0 (96,700)
	Heating	kW	2.8	3.3	4.2	4.9	5.6	6.5	7.5	8.5	25.0	31.5
Power Input		W	100	100	140	140	170	170	170	170	760	1,230
Current	Normal	A	0.50	0.50	0.70	0.70	0.80	0.80	0.80	0.80	1.40	1.80
Air Flow Rate (Hi/Me/Lo)		m ³ /min	8/7/6	8/7/6	13/11/9	13/11/9	15/13/11	15/13/11	16/14/12	16/14/12	58	72
ESP	Standard (min/max)	Pa	50(50/80)	50(50/80)	50(50/80)	50(50/80)	50(50/80)	50(50/80)	50(50/80)	50(50/80)	100	100
Dimension	Unit (H×W×D)	mm	270×(650+75)×720	270×(650+75)×720	270×(650+75)×720	270×(650+75)×720	270×(900+75)×720	270×(900+75)×720	270×(900+75)×720	270×(900+75)×720	470×1,060×1,120	470×1,250×1,120
Weight	Net Weight	kg	26	26	26	26	35	35	35	35	96	104
Air Outlet Size		mm	553×220	553×220	553×220	553×220	803×220	803×220	803×220	803×220	916×338	1,106×338
Air Inlet Size		mm	583×226	583×226	583×226	583×226	833×226	833×226	833×226	833×226	910×415	1,100×415
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Sound Pressure Level (Hi/Me/Lo)		dB(A)	35/33/31	35/33/31	35/33/31	35/33/31	35/33/31	35/33/31	36/34/32	36/34/32	50	52
Connections			Flare-Nut Connection (with Flare Nuts)									Brazing
Piping	Liquid line	mm	φ6.35(1/4)	φ6.35(1/4)	φ6.35(1/4)	φ6.35(1/4)	φ6.35(1/4)	φ6.35(1/4)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)	φ9.52(3/8)
	Gas line	mm	φ12.70(1/2)	φ12.70(1/2)	φ12.70(1/2)	φ12.70(1/2)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ15.88(5/8)	φ19.05(3/4)	φ22.23(7/8)
	Drainage		VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25
Packaging Volume		m ³	0.21	0.21	0.21	0.21	0.27	0.27	0.27	0.27	0.90	1.06

NOTES:

1.The nominal cooling capacity is the combined capacity of the Hitachi standard split system, and is based on the JIS standard B8616.

Cooling Operation Conditions

Indoor Air Inlet Temperature: 27°C DB (80°F DB)
19.0°C WB (66.2°F WB)
*19.5°C WB (67.0°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.
1.5 Meters Beneath the Unit. With Discharge Duct (2.0m) and Return Duct (1.0m). Voltage of the power source for the indoor fan motor is 220V. In case of the power source of 240V, the sound pressure level increases by about 1 dB(A). The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

3. The data for external pressure *3) indicates "Standard Pressure Setting values when a filter is not used.

Low ESP (external static pressure) type



Model			RPI- 0.8FSNQL	RPI- 1.0FSNQL	RPI- 1.3FSNQL	RPI- 1.5FSNQL	RPI- 1.8FSNQL	RPI- 2.0FSNQL	RPI- 2.3FSNQL	RPI- 2.5FSNQL	RPI- 3.0FSNQL	RPI- 3.3FSNQL	RPI- 4.0FSNQL	RPI- 5.0FSNQL	RPI- 6.0FSNQL
Indoor Unit Power Supply			AC 1Φ, 220-240V/50Hz												
Capacity	Cooling	kW	2.2	2.8	3.6	4.3	5.0	5.6	6.3	7.1	8.4	9.0	11.2	14.2	16.0
	Cooling	BTU/h	7,500	9,600	12,300	13,600	17,100	19,100	21,500	24,200	27,300	30,700	38,200	47,800	54,600
	Cooling*	BTU/h	7,900	9,900	13,000	14,100	17,700	19,800	22,200	25,000	28,200	31,700	39,700	49,600	56,300
	Heating	kW	2.8	3.3	4.2	4.9	5.6	6.5	7.5	8.5	9.6	10.0	13.0	16.3	18.0
Power Input	W	100	100	140	140	140	140	140	140	140	280	280	280	400	400
Current	Normal	A	0.50	0.50	0.70	0.70	0.70	0.70	0.70	0.70	1.30	1.30	1.30	1.90	1.90
Air Flow Rate (Hi/Me/Lo)		m³/min	8/7/6	8/7/6	13/11/9	13/11/9	15/13/11	15/13/11	16/14/12	16/14/12	25/21/17	25/21/17	27/23/29	37/31/25	38/35/29
ESP	Standard	Pa	30	30	30	30	30	30	30	30	60	60	60	60	60
Dimension	Unit (H×W×D)	mm	270× (650+75)×T20	270× (650+75)×T20	270× (650+75)×T20	270× (650+75)×T20	270× (900+75)×T20	270× (900+75)×T20	270× (900+75)×T20	270× (900+75)×T20	270× (900+75)×T20	270× (900+75)×800	270× (900+75)×800	270× (900+75)×800	270× (1300+75)×800
Weight	Net Weight	kg	26	26	26	26	35	35	35	35	46	46	46	58	58
Air Outlet Size		mm	553×220	553×220	553×220	553×220	803×220	803×220	803×220	803×220	803×220	803×220	803×220	1,203×220	1,203×220
Air Inlet Size		mm	583×226	583×226	583×226	583×226	833×226	833×226	833×226	833×226	833×226	833×306	833×306	833×306	833×306
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Sound Pressure Level (Hi/Me/Lo)		dB(A)	29.5/26/24.5	29.5/26/24.5	34/32/30	34/32/30	34/32/30	34/32/30	35/33/31	35/33/31	40/37/33	40/37/33	41.5/39/35	42/39/35	43/39/37
Connections			Flare-Nut Connection (with Flare Nuts)												
Piping	Liquid line	in	1/4	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Gas line	in	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Drainage		VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25	VP25
Packaging Volume		m³	0.21	0.21	0.21	0.21	0.27	0.27	0.27	0.27	0.38	0.38	0.38	0.52	0.52

NOTES:

1. The nominal cooling capacity is the combined capacity of the Hitachi standard split system, and is based on the JIS standard B8616.

Cooling Operation Conditions

Indoor Air Inlet Temperature: 27°C DB (80°F DB)
19.0°C WB (66.2°F WB)
*19.5°C WB (67.2°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)
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.
1.5 Meters Beneath the Unit. With Discharge Duct (2.0m) and Return Duct (1.0m). Voltage of the power source for the indoor fan motor is 220V. In case of the power source of 240V, the sound pressure level increases by about 1 dB(A). The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

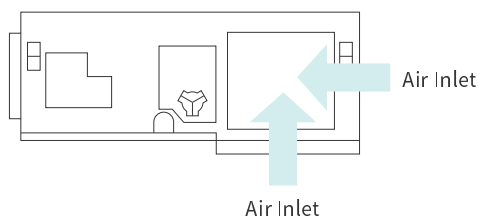
3. The data for external pressure *3) indicates "Standard Pressure Setting values when a filter is not used.

FEATURES AND BENEFITS

Design Flexibility

1) Two air suction direction (Air Inlet)

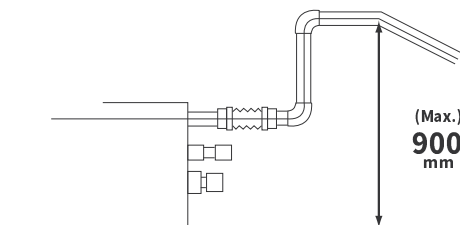
- from rear side
- from bottom side



OPTIONAL PARTS

Optional Drain Pump

Drain-up mechanism can be supplied as optional part.



Drain Pump Nomenclature	IDU capacity	
	kW (Cooling)	HP Class
DUPI-132CQ	2.2 - 7.1	0.8 - 2.5
DUPI-162Q	8.4 - 16.0	3.0 - 6.0
DUPI-15H2Q	22.4 - 28.0	8.0 - 10.0

Optional Filter

Filter Nomenclature	Ducted Category	kW (Cooling)	HP Class
KW-PP1Q	Medium ESP	2.2 - 4.3	0.8 - 1.5
	Low ESP		
KW-PP2Q	Medium ESP	5.0 - 7.1	1.8 - 2.5
	Low ESP		
KW-PP3Q	High ESP	8.4 - 11.2	3.0 - 4.0
	Low ESP		
KW-PP4Q	High ESP	14.2 - 16.0	5.0 - 6.0
	Low ESP		

Floor / Ceiling convertible type

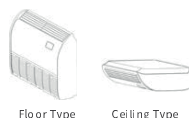


Dimensions

RPFC-1.8~2.0FSNQ	31kg	
RPFC-2.3~2.5FSNQ	32kg	
RPFC-3.0FSNQ	39kg	
RPFC-3.3FSNQ	40kg	
RPFC-4.0FSNQ	41kg	
RPFC-5.0FSNQ	47kg	

Features

- Fully floor ↔ Ceiling convertible
- Easy installation
- Drain-pump (optional)
- Fresh air in-take design



[Floor use]

- Smaller footprint: Only 230mm in depth
- Suitable for installation beneath a window thanks to the 680mm height

[Ceiling use]

- Supplies air to a wide area
- High ceiling use capability

Model		RPFC-1.8FSNQ	RPFC-2.0FSNQ	RPFC-2.3FSNQ	RPFC-2.5FSNQ	RPFC-3.0FSNQ	RPFC-3.3FSNQ	RPFC-4.0FSNQ	RPFC-5.0FSNQ
Indoor Unit Power Supply		AC 1Φ, 220-240V/50Hz, 220V/60Hz							
Nominal Cooling Capacity	kW	5.0	5.6	6.3	7.1	8.4	9.0	11.2	14.2
	kcal/h	4,300	4,800	5,400	6,100	7,200	7,700	9,600	12,200
	Btu/h	17,100	19,100	21,500	24,200	28,700	30,700	38,200	48,500
	Btu/h*	17,700	19,800	22,200	25,000	29,700	31,700	39,700	49,600
Nominal Heating Capacity	kW	5.6	6.5	7.5	8.5	9.6	10.0	13.0	16.3
	kcal/h	4,800	5,600	6,500	7,300	8,300	8,600	11,200	14,000
	Btu/h	19,100	22,000	25,600	29,000	32,800	34,100	44,400	55,600
Sound Pressure Level (Hi/Me/Lo)		dB(A) (ceiling) 39/35/30 (ceiling) 39/35/30 (ceiling) 45/41/37 (ceiling) 45/41/37 (ceiling) 45/41/37 43/39/34 45/40/36 51/46/40 50/46/42 (Floor) 43/38/35 (Floor) 43/38/35 (Floor) 48/44/40 (Floor) 48/44/40 46/41/37 48/43/39 54/49/43 55/50/46							
Outer Dimensions	Height	mm(in.)	230(9)	230(9)	230(9)	230(9)	230(9)	230(9)	230(9)
	Width	mm(in.)	990(39)	990(39)	990(39)	990(39)	1,285(50-3/5)	1,285(50-3/5)	1,285(50-3/5)
	Depth	mm(in.)	680(26-3/4)	680(26-3/4)	680(26-3/4)	680(26-3/4)	680(26-3/4)	680(26-3/4)	680(26-3/4)
Net Weight		kg(lbs.)	31(68)	31(68)	32(70)	32(70)	39(86)	40(88)	41(90)
Refrigerant		R410A(Nitrogen-Charged for Corrosion-Resistance)							
Indoor Fan Motor	Air Flow Rate (Hi/Me/Lo)	m ³ /min	13/11/9	13/11/9	16.1/14/11.3	16.1/14/11.3	18.2/15.2/12.2	19.4/16.3/13.3	24.8/20.5/16.3
	W		40	40	70	70	80	130	160
Connections		Flare-Nut Connection (with Flare Nuts)							
Refrigerant Piping	Liquid Line	mm(in.)	Φ 6.35(1/4)	Φ 6.35(1/4)	Φ 6.35(1/4)	Φ 6.35(1/4)	Φ 9.53(3/8)	Φ 9.53(3/8)	Φ 9.53(3/8)
	Gas Line	mm(in.)	Φ 15.88(5/8)	Φ 15.88(5/8)	Φ 15.88(5/8)	Φ 15.88(5/8)	Φ 15.88(5/8)	Φ 15.88(5/8)	Φ 15.88(5/8)
Condensate Drain			VP25	VP25	VP25	VP25	VP25	VP25	VP25
Approximate Packing Volume		m ³	0.31	0.31	0.31	0.31	0.40	0.40	0.40

NOTES:

1. The nominal cooling capacity is the combined capacity of the standard split system, and is based on the JIS standard B8616.

Cooling Operation Conditions

Indoor Air Inlet Temperature: 27°C DB (80°F DB)
19.0°C WB (66.2°F WB)
*19.5°C WB (67.0°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

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

1 meter from the unit,
1 meter from floor level.

Voltage of the power source for the indoor fan motor is 220V.
The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

OTHERS

Wall mounted type



Cooling capacity: 2.2-4.0kW



Cooling capacity: 5.0-6.3kW



Cooling capacity: 7.1-11.2kW



Features

- Easy installation
- Simple design matching with any interior

Model		RPK-0.8FSNQ5	RPK-1.0FSNQ5	RPK-1.3FSNQ5	RPK-1.5FSNQ5	RPK-1.8FSNQ5	RPK-2.0FSNQ5	RPK-2.3FSNQ5
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity	Cooling	kW(BTU/h)	2.2 (7,500)	2.8 (9,600)	3.6 (12,300)	4 (13,600)	5 (17,100)	5.6 (19,100)
	Cooling*	kW(BTU/h)	2.2 (7,900)	2.8 (9,900)	3.6 (13,000)	4 (14,100)	5 (17,700)	5.6 (19,800)
	Heating	kW	2.5	3.3	4	4.5	5.6	6.3
Power Input		W	30	30	30	40	50	60
Current	Normal	A	0.2	0.2	0.2	0.2	0.3	0.3
Air Flow Rate(Hi/Me/Lo)		m ³ /min	8.5/7.5/6.5	8.5/7.5/6.5	9.2/7.5/6.7	10/8.5/7.5	12/10.3/8.7	13.7/12/10.3
Dimension	Unit (H×W×D)	mm	280×790×220	280×780×220	280×790×220	280×780×220	290×1,050×220	290×1,050×220
Weight	Unit	kg	10	10	10	10	12.5	12.5
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
Noise (Anechoic)	Hi/Me/Lo	dB(A)	38/36/32	38/36/32	41/38/36	41/38/36	42/39/35	45/42/39
Connections			Flare-Nut Connection (with Flare Nuts)					
Piping	Liquid Line	mm(in.)	φ6.35/ (1/4)	φ6.35/ (1/4)	φ6.35/ (1/4)	φ6.35/ (1/4)	φ6.35/ (1/4)	φ6.35/ (1/4)
	Gas Line	mm(in.)	φ12.7/ (1/2)	φ12.7/ (1/2)	φ12.7/ (1/2)	φ12.7/ (1/2)	φ15.88/ (5/8)	φ15.88/ (5/8)
	Drainage	mm	VP16	VP16	VP16	VP16	VP16	VP16
Packaging Volume		m ³	0.12	0.12	0.12	0.12	0.16	0.16

Model		RPK-2.5FSN3M	RPK-3.0FSN3M	RPK-4.0FSN3M
Indoor Unit Power Supply		AC 1Φ, 220-240V/50Hz, 220V/60Hz		
Nominal Cooling Capacity		kW(BTU/h)	7.1 (24,200)	8.0 (27,300)
		kW(BTU/h)*	7.1 (25,000)	8.0 (28,200)
Nominal Heating Capacity		kW	8.5	9.0
Sound Pressure Level(Hi/Me/Lo)		dB(A)	49/43/40/36	49/43/40/36
Dimension		Unit(H×W×D)	mm	333×1,150×245
Net Weight		kg	18	18
Refrigerant			R410A	R410A
Air Flow Rate (Hi/Me/Lo)		m ³ /min.	19/17/14/12	19/17/14/12
		(cfm)	(671/600/494/424)	(671/600/494/424)
Motor Output		W	40	40
Connections			Flare-Nut Connection (with Flare Nuts)	
Refrigerant Piping	Liquid Line	mm(in.)	φ9.52(3/8)	φ9.52(3/8)
	Gas Line	mm(in.)	φ15.88(5/8)	φ15.88(5/8)
	Condensate Drain		VP16	VP16
Approximate Packing Volume		m ³	0.14	0.14
Standard Accessories			Wall Mounting Bracket	

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°C DB (80°F DB)
 19.0°C WB (66.2°F WB)
 *19.5°C WB (67.0°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.
 1.5 Meters 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.

RECEIVER KIT for wireless remote controller

Receiver Kit	Model	PC-ALH3	PC-ALHC1	PC-ALHD1	PC-ALHS1	PC-ALHP1	Standard: PC-RLH11 (Optional: PC-ALHZ1)				
Description		4-way cassette	4-way cassette compact	2-way cassette	1-way cassette	Ceiling suspended	Ducted HNG series (220V)	Ducted FSNQ series (220-240V)	Floor concealed	Floor/ceiling convertible	Wall mounted
IDU type	Model										
		RCI-FSKDNQ	RCIM-FSN4	RCD-FSN3	RCS-FSN	RPC-FSN3	RPIH-HNGUAQ RPI-M-HNGUAQ RPIZ-HNGUAQ	RPI-FSNQH RPI-FSNQL RPIZ-FSNQS RPIZ-FSN1Q RPI-FSN(3)Q	RPFI-FSNQ	RPFC-FSNQ	RPK-FSNQS RPK-FSN3M
Compatible wireless remote controller	HCRB10NEWQ	●	●	●	●	●	●	●	●	●	●
	PC-LH3A	—	—	—	—	—	●	●	●	●	●

*Centralized controller (Central Station EX/ EZ/ mini) cannot be operated when you use standard receiver kit (PC-RLH11) equipped with wireless remote controller (PC-LH3A)

Notes

When you use standard receiver kit (PC-RLH11) equipped with wireless remote controller (PC-LH3A)

1) Setting Hi2 air flow rate is not available even if the connected indoor units has Hi2 air flow rate setting

2) It is not available to set up "remote control switch operation prohibited by each function setting" from central station (mini/EZ/EX)

3) It is not available to set up "remote control switch temperature setting range limitation function" from central station (mini/EZ/EX)

WIRED REMOTE CONTROLLER HCWA10NEGQ

Specifications

Outer Dimensions (H×W×D)

(mm) 88.0×88.0×15.5

(inch) 3.46×3.46×0.61

