

air365 Max R32

Reversible system / 8-52 hp (R32)

Available in July 2026

NEW



+ SERVICES

Flexible installation

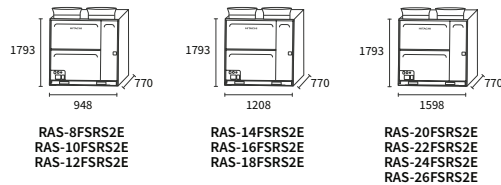
- Single module up to 26 hp.
- Regulation changeover in 2-pipe: 4 modes available.
- 2-pipe system: Heat pump operation.
- Reinforced heat exchanger with three layers of protection.

+ APPRAISAL

High-performance compressor suitable for R32 refrigerant

- SCOP up to 4.63.
- SEER up to 7.35.
- Overpower mode hot: Power maintenance up to -7°C.

Outdoor units



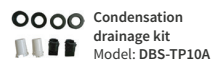
RAS-8FSRS2E
RAS-10FSRS2E
RAS-12FSRS2E

RAS-14FSRS2E
RAS-16FSRS2E
RAS-18FSRS2E

RAS-20FSRS2E
RAS-22FSRS2E
RAS-24FSRS2E
RAS-26FSRS2E

Compatible controls and accessories

Installation of accessories



CSNET Manager



CSNET Lite
(web)



CSNET Manager
2 SL (web)



CSNET Manager 2T10 (web and touch)
CSNET Manager 2T15 (web and touch)

Remote access



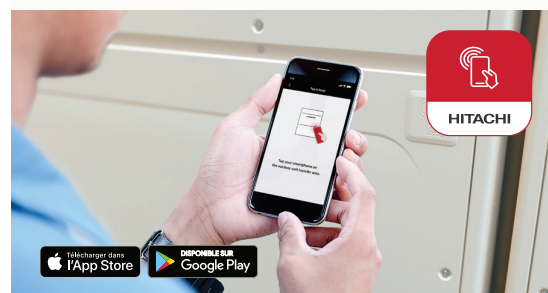
airCloud Pro
Model: HC-IOTGW

+ TECHNOLOGY

airCloud Tap + NFC technology

airCloud Tap mobile application that allows OU and indoor unit settings to be configured via NFC contact.

- Function test.
- Reading and configuring operating parameters.



Model	Unit	RAS-8FSRS2E	RAS-10FSRS2E	RAS-12FSRS2E	RAS-14FSRS2E	RAS-16FSRS2E	RAS-18FSRS2E	RAS-20FSRS2E	RAS-22FSRS2E	RAS-24FSRS2E	RAS-26FSRS2E	
Performance, cooling												
Capacity Cooling	kW	22.40	28.00	33.50	40.00	45.00	50.00	56.00	61.50	67.00	73.50	
Absorbed capacity Cooling	kW	6.28	8.20	10.43	13.95	15.64	17.64	19.75	22.53	24.64	24.38	
EER	-	3.57	3.41	3.21	2.52	2.64	2.84	2.84	2.73	2.72	2.79	
SEER	-	7.35	7.12	6.79	6.91	7.20	6.73	6.43	6.17	6.19	6.19	
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	291.0	281.8	268.6	273.4	285.0	266.2	254.2	243.8*	244.6*	244.6*	
Operating ranges Cooling	-	-10°C/52°C DB										
Performance, heating												
Maximum Heating Power	kW	25.13	31.65	37.70	45.18	50.27	56.28	63.31	69.32	77.86	82.88	
Capacity Heating	kW	22.4	28.0	33.5	40.0	45.0	50.0	56.0	61.5	67.0	73.50	
Absorbed capacity Heating	kW	4.85	6.45	9.43	10.18	13.63	14.87	15.99	18.30	19.34	20.36	
Capacity at -7°C ⁽¹⁾	kW	19.92	25.10	26.46	33.08	36.75	39.73	44.70	48.95	51.70	59.54	
Capacity at -15°C ⁽¹⁾	kW	15.80	19.80	20.30	25.50	28.33	30.20	34.00	37.30	39.50	45.8	
COP	-	4.62	4.34	3.34	3.86	4.04	3.00	3.50	3.36	3.47	3.47	
SCOP	-	4.63	4.56	4.29	4.51	4.67	4.35	4.76	4.34	4.27	4.27	
Seasonal energy efficiency rating heating $\eta_{s,h}$	%	182.2	179.4	168.6	177.4	183.8	171.0	187.4	170.6	167.8	167.8	
Operating ranges heating	-	-25°C/16°C WB										
Technical characteristics												
Airflow	m ³ /h	10500	10500	11880	14340	15360	15780	19740	19740	20880	21880	
Adjustable static pressure	Pa	30/60/80										
Number of fans	-	1				2						
Sound power (Cooling/Heating)	dB(A)	77/78	79/80	82/83	81/80	83/82	85/86	84/85		85/86	85/86	
Sound pressure ⁽²⁾ (night mode)	dB(A)	57 (55)	59 (56)	61 (55)	60 (57)	62 (58)	64 (58)	64 (63)	65 (63)	65 (62)	65 (62)	
Dimensions (HxLxD)	mm	1793 x 948 x 770			1793 x 1208 x 770				1793 x 1598 x 770			
Net weight	kg	197	203	217	271	272		350		375	488	
Type of compressor	-	DC Scroll Inverter with gas reinjection										
Compressor number	-	1					2					
Max. number of indoor units that can be connected	-	26	32	39	45	52	58	64				
Connection rate ⁽³⁾	-	50 - 130% (200% depending on application)										
Cooling properties												
Refrigerant	-	R32										
Refrigerant load	kg	5.6		8.3	8.9	9.5	10.2	11.2	11.2	11.5	17.2	
Dimension of cooler connections	Liquid	inches	3/8		1/2			5/8				
	Low pressure gas	inches	3/4	7/8		1			1 - 1/8			
	High/low pressure gas	inches	5/8	3/4		7/8				1		
Electrical features												
Power supply	-	3N - 400V 50 Hz + Neutral + Ground										
Maximum current	A	16.10	20.00	23.30	27.70	32.70	39.70	40.00	42.70	53.00	63.00	
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75										

⁽¹⁾ For an outside temp. of 20°C and a connection rate of 100%.

⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.

⁽³⁾ Above 130%, refer to the technical documentation for application conditions.

⁽⁴⁾ Volume to regenerate every 300 m.

Heat pump air365 Max R32 Multi module

	Unit	RAS-28FSRS2E	RAS-30FSRS2E	RAS-32FSRS2E	RAS-34FSRS2E	RAS-36FSRS2E	RAS-38FSRS2E	RAS-40FSRS2E
Unit 1 name		RAS-16FSRS2E	RAS-18FSRS2E	RAS-18FSRS2E	RAS-18FSRS2E	RAS-18FSRS2E	RAS-22FSRS2E	RAS-22FSRS2E
Unit 2 name		RAS-12FSRS2E	RAS-12FSRS2E	RAS-14FSRS2E	RAS-16FSRS2E	RAS-18FSRS2E	RAS-16FSRS2E	RAS-18FSRS2E
Twin unit connection kit		MC-21AN1						

Performance, cooling

Capacity Cooling	kW	78.50	83.50	90.00	95.00	100.00	106.50	111.50
Absorbed capacity Cooling	kW	26.07	28.07	31.59	33.28	35.27	38.17	40.16
EER	-	2.85	2.98	2.69	2.74	2.84	2.69	2.78
SEER	-	6.90	6.67	6.80	6.93	6.73	6.55	6.40
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	273.0	263.8	269.0	274.2	266.2	259.0	253.0
Operating ranges Cooling	-	-10°C/52°C DB						

Performance, heating

Maximum Heating Power	kW	87.97	93.98	101.46	106.55	112.56	123.10	125.60
Capacity Heating	kW	78.50	83.50	90.00	95.00	100.00	106.50	111.50
Absorbed capacity Heating	kW	21.15	26.66	27.02	27.77	33.33	29.41	34.95
Capacity at -7°C ⁽¹⁾	kW	63.70	66.19	72.81	76.48	79.46	88.22	88.68
Capacity at -15°C ⁽¹⁾	kW	48.63	50.50	55.70	58.53	60.40	67.56	67.50
COP	-	3.71	3.13	3.33	3.42	3.00	3.62	3.19
SCOP	-	4.38	4.20	4.35	4.40	4.25	4.40	4.27
Seasonal energy efficiency rating heating $\eta_{s,h}$	%	172.2	165.0	171.0	173.0	167.0	173.0	167.8
Operating ranges heating	-	-25°C/16°C WB						

Technical characteristics

Airflow	m ³ /h	15360 + 11880	15780 + 11880	15780 + 14340	15780 + 15360	15780 + 15780	19740 + 15360	19740 + 15780	
Adjustable static pressure	Pa	30/60/80							
Number of fans	-	4							
Sound power (Cooling/Heating)	dB(A)	85/85	86/87	85/85	86/86	87/88	86/86	87/88	
Sound pressure ⁽²⁾ (night mode)	dB(A)	64 (59)	65 (59)	64 (61)	65 (61)	66 (60)	66 (63)	67 (63)	
Dimensions (HxLxD)	mm	1793 x 2436 x 770					1793 x 2826 x 770		
Net weight	kg	272 + 217		272 + 271	272 + 272		350 + 272		
Type of compressor	-	DC Scroll Inverter with gas reinjection							
Compressor number	-	2					3		
Max. number of indoor units that can be connected	-	64							
Connection rate ⁽³⁾	-	50 - 130% (200% depending on application)							

Cooling properties

Refrigerant	-	R32							
Refrigerant load	kg	17.8	18.5	19.1	19.7	20.4	20.7	21.4	
Dimension of cooler connections	Liquid	inches 3/4							
	Low pressure gas	inches 1-1/4			inches 1 - 1/2				
	High/low pressure gas	inches 1 - 1/8							

Electrical features

Power supply	-							
Maximum current	A	56.0	63.0	67.4	72.4	79.4	75.4	82.4
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 075						

⁽¹⁾ For an outside temperature of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.
⁽³⁾ Above 130%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

	Unit	RAS-42FSRS2E	RAS-44FSRS2E	RAS-46FSRS2E	RAS-48FSRS2E	RAS-50FSRS2E	RAS-52FSRS2E
Unit 1 name		RAS-24FSRS2E	RAS-22FSRS2E	RAS-24FSRS2E	RAS-24FSRS2E	RAS-24FSRS2E	RAS-26FSRS2E
Unit 2 name		RAS-18FSRS2E	RAS-22FSRS2E	RAS-22FSRS2E	RAS-24FSRS2E	RAS-26FSRS2E	RAS-26FSRS2E
Twin unit connection kit		MC-21AN1	MC-21AN1	MC-21AN1	MC-21AN1	MC-21AN1	MC-21AN1

Performance, cooling

Capacity Cooling	kW	117.0	123.00	128.50	134.00	140.00	145.00
Absorbed capacity Cooling	kW	42.27	45.05	47.16	49.27	49.23	50.91
EER	-	2.77	2.73	2.72	2.72	2.74	2.77
SEER	-	6.40	6.17	6.18	6.19	6.78	6.86
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	253.0	243.8*	244.2*	244.6*	268.2	271.4
Operating ranges Cooling	-	-10°C/52°C DB					

Performance, heating

Maximum Heating Power	kW	134.14	138.64	147.18	155.72	157.74	162.82
Capacity Heating	kW	117.0	123.0	128.5	134.0	140.0	145.0
Absorbed capacity Heating	kW	34.95	36.61	37.68	38.61	43.61	44.47
Capacity at -7°C ⁽¹⁾	kW	91.43	97.90	100.65	103.40	112.54	116.21
Capacity at -15°C ⁽¹⁾	kW	69.70	74.60	76.80	79.00	85.90	88.73
COP	-	3.25	3.36	3.41	3.47	3.21	3.26
SCOP	-	4.24	4.29	4.26	4.24	4.32	4.35
Seasonal energy efficiency rating heating $\eta_{s,h}$	%	166.6	168.6	167.4	166.6	169.8	171.0
Operating ranges heating	-	-25°C/16°C WB					

Technical characteristics

Airflow	m ³ /h	20880 + 15780	19740 + 19740	20880 + 19740	20880 + 20880	15780+15780+14340	15780+15780+15360
Adjustable static pressure	Pa	30/60/80					
Number of fans	-	4				6	
Sound power Cooling/Heating	dB(A)	87/88	86/87	87/88	87/88	87/87	87/88
Sound pressure ⁽²⁾ (night mode)	dB(A)	67 (62)	67 (65)		67 (64)	66 (62)	66 (61)
Dimensions (HxLxD)	mm	1793 x 2826 x 770	1793 x 3216 x 770			1793 x 3664 x 770	
Net weight	kg	375 + 272	350 + 350	375 + 350	375 + 375	272 + 272 + 271	272 + 272 + 272
Type of compressor	-	DC Scroll Inverter with gas reinjection					
Compressor number	-	3	4			3	
Max. number of indoor units that can be connected	-	64					
Connection rate ⁽³⁾	-	50 - 130% (200% depending on application)					

Cooling properties

Refrigerant	-	R32					
Refrigerant load	kg	21.7	22.4	22.7	23.0	29.3	29.9
Dimension of cooler connections	Liquid	inches	3/4				
	Low pressure gas	inches	1 - 1/2				
	High/low pressure gas	inches	1 - 1/8				

Electrical features

Power supply	-	3N - 400V 50 Hz + Neutral + Ground					
Maximum current	A	92.7	85.4	95.7	106.0	107.1	112.1
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75					

⁽¹⁾ For an outside temperature of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance. ⁽³⁾ Above 130%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

air365 Max Pro R32

High-Performance Range
Reversible system / 5-36 hp (R32)



Available in July 2026

NEW



+ SERVICES

Flexible installation

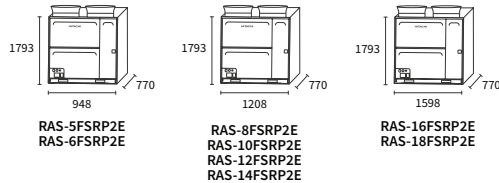
- Up to 1 km of total pipe length.
- Wide power range: From 5 hp.
- Regulation changeover in 2-pipe: 4 modes available.

+ APPRAISAL

High-performance compressor suitable for R32 refrigerant

- Wide operating range: -25°C to 52°C.
- SEER up to 8.38 and SCOP up to 5.19.
- COP up to 5.29.
- Hot overpower function: Maintains power up to -7°C.

Outdoor units



Compatible controls and accessories

Installation of accessories



CSNET Manager



Remote access

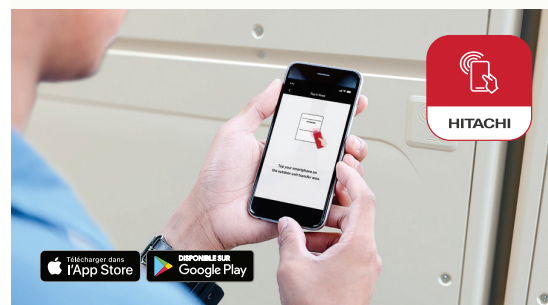


+ TECHNOLOGY

airCloud Tap + NFC technology

airCloud Tap mobile application that allows OU and indoor unit settings to be configured via NFC contact.

- Function test.
- Reading of operating parameters



Télécharger dans l'App Store

DISPONIBLE SUR Google Play



Model	Unit	RAS-5FSRP2E	RAS-6FSRP2E	RAS-8FSRP2E	RAS-10FSRP2E	RAS-12FSRP2E	RAS-14FSRP2E	RAS-16FSRP2E	RAS-18FSRP2E
Performance, cooling									
Capacity Cooling	kW	14.00	16.00	22.40	28.00	33.50	40.00	45.00	50.00
Absorbed capacity Cooling	kW	3.33	4.23	5.58	7.62	9.88	12.91	12.99	16.09
EER	-	4.2	3.78	4.02	3.68	3.39	2.64	3.47	3.11
SEER (average climate)	-	7.75	7.62	8.38	7.8	7.41	7.25	7.45	7.09
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	307.0	301.8	332.2	309.0	293.4	287.0	295.0	280.6
Operating ranges Cooling	-	-10°C/52°C DB							
Performance, heating									
Maximum Heating Power	kW	16.08	18.09	25.13	31.65	37.70	45.27	50.60	56.52
Capacity Heating	kW	14.00	16.00	22.40	28.00	33.50	40.00	45.00	50.00
Absorbed capacity Heating	kW	2.65	3.41	4.54	6.01	7.51	9.64	10.79	13.29
Capacity at -7°C ⁽¹⁾	kW	13.39	15.06	20.92	25.10	27.78	33.30	40.06	41.46
Capacity at -15°C ⁽¹⁾	kW	10.75	12.10	16.80	19.80	21.40	25.70	31.50	31.90
COP	-	5.29	4.69	4.94	4.66	4.46	4.15	4.17	3.76
SCOP (average climate)	-	5.04	4.44	5.19	4.92	4.93	4.69	5.03	4.66
Seasonal energy efficiency heating $\eta_{s,h}$	%	198.6	174.6	204.6	193.8	194.2	184.6	198.2	183.4
Operating ranges heating	-	-25°C/16°C WB							
Technical characteristics									
Airflow	m ³ /h	9240	10500	11100	13140		15360	20760	21720
Adjustable static pressure	Pa	30/60/80							
Number of fans	-	1			2				
Sound power (Cooling/Heating)	dB(A)	72/73	78/76	76/77	81/82	79/78	81/80	83/84	85/86
Sound pressure ⁽²⁾ (night mode)	dB(A)	52 (53)	57 (53)	57 (56)	60 (56)	59 (56)	60 (55)	63 (61)	65 (62)
Dimensions (HxLxD)	mm	1793 x 948 x 770			1793 x 1208 x 770			1793 x 1598 x 770	
Net weight	kg	197		262	267		360		
Type of compressor	-	DC Scroll Inverter with gas reinjection							
Compressor number	-	1					2		
Max. number of indoor units that can be connected	-	16	19	26	32	39	45	52	58
Connection rate ⁽³⁾	-	50 - 130% (200% depending on application)							
Cooling properties									
Refrigerant	-	R32							
Refrigerant load	kg	5.7	6.0	9.1	9.1	9.3	9.3	10.6	11.1
Dimension of cooler connections	Liquid	inches	3/8			1/2			5/8
	Low pressure gas	inches	3/4		7/8		1	1-1/8	
	High/low pressure gas	inches	5/8		3/4		7/8		
Electrical features									
Power supply	-	3N - 400V 50 Hz + Neutral +Ground							
Maximum intensity (Hot overpower)	A	8.6 (11.5)	11.2 (13.3)	14.5 (16.8)	19.5 (24.7)	22.4 (28)	28.0 (33.3)	30.6 (34.2)	35 (43.3)
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75							

⁽¹⁾ For an ambient T* of 20°C and a 100% connection rate. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.

⁽³⁾ Above 130%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

Heat pump air365 Max Pro R32 High-Performance

	Unit	RAS-20FSRP2E	RAS-22FSRP2E	RAS-24FSRP2E	RAS-26FSRP2E	RAS-28FSRP2E	RAS-30FSRP2E	RAS-32FSRP2E	RAS-34FSRP2E	RAS-36FSRP2E
Unit 1 name		RAS-10FSRP2E	RAS-12FSRP2E	RAS-12FSRP2E	RAS-16FSRP2E	RAS-16FSRP2E	RAS-18FSRP2E	RAS-18FSRP2E	RAS-18FSRP2E	RAS-18FSRP2E
Unit 2 name		RAS-10FSRP2E	RAS-10FSRP2E	RAS-12FSRP2E	RAS-10FSRP2E	RAS-12FSRP2E	RAS-12FSRP2E	RAS-14FSRP2E	RAS-16FSRP2E	RAS-18FSRP2E
Twin unit connection kit		MC-20AN1				MC-21AN1				

Performance, cooling

Capacity Cooling	kW	56.00	61.50	67.00	73.00	78.50	83.50	90.00	95.00	100.00
Absorbed capacity Cooling	kW	19.75	23.53	24.64	24.38	26.07	28.07	31.59	33.28	35.27
EER	-	3.68	3.51	3.39	3.54	3.43	3.22	2.88	3.27	3.11
SEER (average climate)	-	7.44	7.30	7.19	7.45	7.33	7.11	7.15	7.25	7.09
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	294.6	289.0	284.6	295.0	290.2	281.4	283	287	280.6
Operating ranges Cooling	-	-10°C/52°C DB								

Performance, heating

Maximum Heating Power	kW	63.58	69.63	75.69	82.25	88.31	94.36	101.93	106.98	113.03
Capacity Heating	kW	56.00	61.50	67.00	73.00	78.50	83.50	90.00	95.00	100.00
Absorbed capacity Heating	kW	12.01	13.51	15.02	16.85	18.34	20.77	24.12	24.11	26.59
Capacity at -7°C ⁽¹⁾	kW	46.65	51.09	55.53	60.34	64.79	69.23	74.78	78.48	82.92
Capacity at -15°C ⁽¹⁾	kW	35.89	39.31	42.72	46.43	49.84	53.26	57.53	60.38	63.80
COP	-	4.66	4.55	4.46	4.33	4.28	4.02	3.73	3.94	3.76
SCOP (average climate)	-	4.71	4.79	4.87	4.85	4.91	4.63	4.53	4.70	4.50
Seasonal energy efficiency heating $\eta_{s,h}$	%	185.4	188.6	191.8	191.0	193.4	182.2	178.2	185.0	177.0
Operating ranges heating	-	-25°C/16°C WB								

Technical characteristics

Airflow	m ³ /h	13140 + 13140		13140 + 20760		13140 + 21720	15360 + 21720	20760 + 21720	21720 + 21720	
Adjustable static pressure	Pa	30/60/80								
Number of fans	-	4								
Sound power Cooling/Heating	dB(A)	83/84	82/82	81/80	84/85	83/83	84/84	85/85	86/87	87/88
Sound pressure ⁽²⁾ (night mode)	dB(A)	62 (58)	62 (58)	61 (58)	64 (61)	63 (61)	64 (61)	65 (61)	66 (64)	67 (64)
Dimensions (HxLxD)	mm	1793 x 2436 x 770			1793 x 2826 x 770			1793 x 3216 x 770		
Net weight	kg	262 + 262	267 + 262	267 + 267	360 + 262	360 + 267		360 + 360		
Type of compressor	-	DC Scroll Inverter with gas reinjection								
Compressor number	-	2			3			4		
Max. number of indoor units that can be connected	-	64								
Connection rate ⁽³⁾	-	50 - 130% (200% depending on the applications)								

Cooling properties

Refrigerant	-	R32								
Refrigerant load	kg	18.2	18.4	18.6	19.7	19.9	20.4	21.7	22.2	
Dimension of cooler connections	Liquid	inches	5/8			3/4				
	Low pressure gas	inches	1-1/8			1-1/4				
	High/low pressure gas	inches	7/8	1			1-1/8			

Electrical features

Power supply	-	3N - 400V 50 Hz + Neutral + Ground								
Maximum intensity (Hot overpower)	A	39 (49.4)	41.9 (52.7)	44.8 (56)	50.1 (58.9)	53 (62.2)	57.4 (71.3)	63 (76.6)	65.6 (77.5)	70 (86.6)
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75								

⁽¹⁾ For an outside temp. of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.
⁽³⁾ Above 150%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.



air365 Max

Energy recovery up to 54 hp
Reversible system / 8 - 96 hp (R410A)



+ SERVICES

Flexible installation

- Up to 100m after the first derivation.
- Regulation changeover in 2-pipe: 4 modes available.
- Single group with 3 pipes/2 pipes to meet both energy recovery applications and reversible heat pump requirements.
- Reinforced heat exchanger with three layers of protection.

+ APPRAISAL

Gas reinjection compressor

- SCOP up to 4.63.
- SEER up to 7.35.
- **New compressor gas reinjection (hot gas) for operation up to -25°C outdoor temp. in Heating mode and 52°C in Cooling mode.**

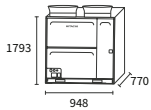


+ TECHNOLOGY

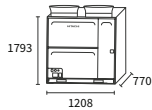
airCloud Tap + NFC technology

- airCloud Tap mobile application that allows OU and indoor unit settings to be configured via NFC contact.
- Function test.
 - Reading of operating parameters

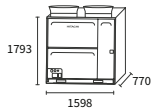
Outdoor units



RAS-8FSXNS2E
RAS-10FSXNS2E
RAS-12FSXNS2E



RAS-14FSXNS2E
RAS-16FSXNS2E
RAS-18FSXNS2E



RAS-20FSXNS2E
RAS-22FSXNS2E
RAS-24FSXNS2E

Compatible controls and accessories

Installation of accessories



Condensation
drainage kit
Model: DBS-TP10A



Refrigerant
connection kit



CSNET Manager



CSNET Lite
(web)



CSNET Manager
2 SL (web)



CSNET Manager 2T10 (web and touch)
CSNET Manager 2T15 (web and touch)



airCloud Pro
Model: HC-IOTGW

Remote access



Model	Unit	RAS-8FSXNS2E	RAS-10FSXNS2E	RAS-12FSXNS2E	RAS-14FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-20FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	
Performance, cooling											
Capacity Cooling	kW	22.40	28.00	33.50	40.00	45.00	50.00	56.00	61.50	67.00	
Absorbed capacity Cooling	kW	6.28	8.20	10.43	13.95	15.64	17.64	19.75	22.53	24.64	
EER	-	3.57	3.41	3.21	2.52	2.64	2.84	2.84	2.73	2.72	
SEER	-	7.35	7.12	6.79	6.91	7.20	6.73	6.43	6.17	6.19	
Seasonal energy efficiency rating cooling [l/s, c]	%	291.0	281.8	268.6	273.4	285.0	266.2	254.2	243.8*	244.6*	
Operating ranges Cooling	-	-10°C/52°C DB									
Performance, heating											
Maximum Heating Power	kW	25.13	31.65	37.70	45.18	50.27	56.28	63.31	69.32	77.86	
Capacity Heating	kW	22.4	28.0	33.5	40.0	45.0	50.0	56.0	61.5	67.0	
Absorbed capacity Heating	kW	4.85	6.45	9.43	10.18	13.63	14.87	15.99	18.30	19.34	
Capacity at -7°C ⁽¹⁾	kW	19.92	25.10	26.46	33.08	36.75	39.73	44.70	48.95	51.70	
Capacity at -15°C ⁽¹⁾	kW	15.80	19.80	20.30	25.50	28.33	30.20	34.00	37.30	39.50	
COP	-	4.62	4.34	3.34	3.86	4.04	3.00	3.50	3.36	3.47	
SCOP	-	4.63	4.56	4.29	4.51	4.67	4.35	4.76	4.34	4.27	
Seasonal energy efficiency rating heating [l/s, h]	%	182.2	179.4	168.6	177.4	183.8	171.0	187.4	170.6	167.8	
Operating ranges heating	-	-25°C/16°C WB									
Technical characteristics											
Airflow	m ³ /h	10500	10500	11880	14340	15360	15780	19740	19740	20880	
Adjustable static pressure	Pa	30/60/80									
Number of fans	-	1				2					
Sound power (Cooling/Heating)	dB(A)	77/78	79/80	82/83	81/80	83/82	85/86	84/85		85/86	
Sound pressure ⁽²⁾ (night mode)	dB(A)	57 (55)	59 (56)	61 (55)	60 (57)	62 (58)	64 (58)	64 (63)	65 (63)	65 (62)	
Dimensions (HxLxD)	mm	1793 x 948 x 770			1793 x 1208 x 770			1793 x 1598 x 770			
Net weight	kg	197	203	217	271	272		350		375	
Type of compressor	-	DC Scroll Inverter with gas reinjection									
Compressor number	-	1						2			
Maximum number of connectable indoor units	-	26	32	39	45	52	58	64			
Connection rate ⁽³⁾	-	50 - 130% (200% depending on application)									
Cooling properties											
Refrigerant	-	R410A									
Refrigerant load	kg	5.6		8.3	8.9	9.5	10.2	11.2	11.2	11.5	
Dimension of cooler connections	Liquid	inches 3/8		1/2			5/8				
	Low pressure gas	inches 3/4	7/8	1			1 - 1/8				
	High/low pressure gas	inches 5/8	3/4	7/8			1				
Electrical features											
Power supply	-	3N - 400V 50 Hz + Neutral + Ground									
Maximum current	A	16.10	20.00	23.30	27.70	32.70	39.70	40.00	42.70	53.00	
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75									

⁽¹⁾ For an outside temp. of 20°C and a connection rate of 100%.⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.⁽³⁾ Above 130%, refer to the technical documentation for application conditions.⁽⁴⁾ Volume to regenerate every 300 m.

VRF air365 Max R410A

	Unit	RAS-26FSXNS2E	RAS-28FSXNS2E	RAS-30FSXNS2E	RAS-32FSXNS2E	RAS-34FSXNS2E	RAS-36FSXNS2E	RAS-38FSXNS2E	RAS-40FSXNS2E
Unit 1 name		RAS-14FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E
Unit 2 name		RAS-12FSXNS2E	RAS-12FSXNS2E	RAS-12FSXNS2E	RAS-14FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E
Twin unit connection kit		MC-21AN1							

Performance, cooling

Capacity Cooling	kW	73.50	78.50	83.50	90.00	95.00	100.00	106.50	111.50
Absorbed capacity Cooling	kW	24.38	26.07	28.07	31.59	33.28	35.27	38.17	40.16
EER	-	2.79	2.85	2.98	2.69	2.74	2.84	2.69	2.78
SEER	-	6.75	6.90	6.67	6.80	6.93	6.73	6.55	6.40
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	267.0	273.0	263.8	269.0	274.2	266.2	259.0	253.0
Operating ranges Cooling	-	-10°C/52°C DB							

Performance, heating

Maximum Heating Power	kW	82.88	87.97	93.98	101.46	106.55	112.56	123.10	125.60
Capacity Heating	kW	73.50	78.50	83.50	90.00	95.00	100.00	106.50	111.50
Absorbed capacity Heating	kW	20.36	21.15	26.66	27.02	27.77	33.33	29.41	34.95
Capacity at -7°C ⁽¹⁾	kW	59.54	63.70	66.19	72.81	76.48	79.46	88.22	88.68
Capacity at -15°C ⁽¹⁾	kW	45.8	48.63	50.50	55.70	58.53	60.40	67.56	67.50
COP	-	3.61	3.71	3.13	3.33	3.42	3.00	3.62	3.19
SCOP	-	4.32	4.38	4.20	4.35	4.40	4.25	4.40	4.27
Seasonal energy efficiency rating heating $\eta_{s,h}$	%	169.8	172.2	165.0	171.0	173.0	167.0	173.0	167.8
Operating ranges heating	-	-25°C/16°C WB							

Technical characteristics

Airflow	m ³ /h	14340 + 11880	15360 + 11880	15780 + 11880	15780 + 14340	15780 + 15360	15780 + 15780	19740 + 15360	19740 + 15780
Adjustable static pressure	Pa	30/60/80							
Number of fans	-	3				4			
Sound power (Cooling/Heating)	dB(A)	84/84	85/85	86/87	85/85	86/86	87/88	86/86	87/88
Sound pressure ⁽²⁾ (night mode)	dB(A)	63 (60)	64 (59)	65 (59)	64 (61)	65 (61)	66 (60)	66 (63)	67 (63)
Dimensions (HxLxD)	mm	1793 x 2176 x 770			1793 x 2436 x 770			1793 x 2826 x 770	
Net weight	kg	271 + 217	272 + 217		272 + 271	272 + 272		350 + 272	
Type of compressor	-	DC Scroll Inverter with gas reinjection							
Compressor number	-	2						3	
Max. number of indoor units that can be connected	-	64							
Connection rate ⁽³⁾	-	50 - 130% (200% depending on application)							

Cooling properties

Refrigerant	-	R410A							
Refrigerant load	kg	17.2	17.8	18.5	19.1	19.7	20.4	20.7	21.4
Dimension of cooler connections	Liquid	inches 3/4							
	Low pressure gas	inches 1 - 1/4				inches 1 - 1/2			
	High/low pressure gas	inches 1				inches 1 - 1/8			

Electrical features

Power supply	-	3N - 400V 50 Hz + Neutral + Ground							
Maximum current	A	51.0	56.0	63.0	67.4	72.4	79.4	75.4	82.4
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75							

⁽¹⁾ For an outside temperature of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.

⁽³⁾ Above 130%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

	Unit	RAS-42FSXNS2E	RAS-44FSXNS2E	RAS-46FSXNS2E	RAS-48FSXNS2E	RAS-50FSXNS2E	RAS-52FSXNS2E	RAS-54FSXNS2E
Unit 1 name		RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
Unit 2 name		RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
Unit 3 name		-	-	-	-	RAS-14FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E
Twin unit connection kit		MC-21AN1	MC-21AN1	MC-21AN1	MC-21AN1	MC-30AN1	MC-30AN1	MC-30AN1

Performance, cooling

Capacity Cooling	kW	117.0	123.00	128.50	134.00	140.00	145.00	150.00
Absorbed capacity Cooling	kW	42.27	45.05	47.16	49.27	49.23	50.91	52.91
EER	-	2.77	2.73	2.72	2.72	2.74	2.77	2.84
SEER	-	6.40	6.17	6.18	6.19	6.78	6.86	6.73
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	253.0	243.8*	244.2*	244.6*	268.2	271.4	266.2
Operating ranges Cooling	-	-10°C/52°C DB						

Performance, heating

Maximum Heating Power	kW	134.14	138.64	147.18	155.72	157.74	162.82	168.84
Capacity Heating	kW	117.0	123.0	128.5	134.0	140.0	145.0	150.0
Absorbed capacity Heating	kW	34.95	36.61	37.68	38.61	43.61	44.47	50.00
Capacity at -7°C ⁽¹⁾	kW	91.43	97.90	100.65	103.40	112.54	116.21	119.19
Capacity at -15°C ⁽¹⁾	kW	69.70	74.60	76.80	79.00	85.90	88.73	90.60
COP	-	3.25	3.36	3.41	3.47	3.21	3.26	3.00
SCOP	-	4.24	4.29	4.26	4.24	4.32	4.35	4.25
Seasonal energy efficiency rating heating $\eta_{s,h}$	%	166.6	168.6	167.4	166.6	169.8	171.0	167.0
Operating ranges heating	-	-25°C/16°C WB						

Technical characteristics

Airflow	m ³ /h	20880 + 15780	19740 + 19740	20880 + 19740	20880 + 20880	15780+15780+14340	15780+15780+15360	15780+15780+15780
Adjustable static pressure	Pa	30/60/80						
Number of fans	-	4				6		
Sound power Cooling/Heating	dB(A)	87/88	86/87	87/88	87/88	87/87	87/88	88/89
Sound pressure ⁽²⁾ (night mode)	dB(A)	67 (62)	67 (65)		67 (64)	66 (62)	66 (61)	67 (61)
Dimensions (HxLxD)	mm	1793 x 2826 x 770	1793 x 3216 x 770			1793 x 3664 x 770		
Net weight	kg	375 + 272	350 + 350	375 + 350	375 + 375	272 + 272 + 271	272 + 272 + 272	
Type of compressor	-	DC Scroll Inverter with gas reinjection						
Compressor number	-	3	4			3		
Max. number of indoor units that can be connected	-	64						
Connection rate ⁽³⁾	-	50 - 130% (200% depending on application)						

Cooling properties

Refrigerant	-	R410A						
Refrigerant load	kg	21.7	22.4	22.7	23.0	29.3	29.9	30.6
Dimension of cooler connections	Liquid	inches	3/4					
	Low pressure gas	inches	1 - 1/2					
	High/low pressure gas	inches	1 - 1/8					

Electrical features

Power supply	-	3N - 400V 50 Hz + Neutral + Ground						
Maximum current	A	92.7	85.4	95.7	106.0	107.1	112.1	119.10
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75						

⁽¹⁾ For an outside temperature of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.

⁽³⁾ Above 130%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

Heat pump air365 Max R410A

	Unit	RAS-56FSXNS2E	RAS-58FSXNS2E	RAS-60FSXNS2E	RAS-62FSXNS2E	RAS-64FSXNS2E	RAS-66FSXNS2E	RAS-68FSXNS2E
Unit 1 name		RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
Unit 2 name		RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E
Unit 3 name		RAS-16FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E
Twin unit connection kit		MC-NP31SA	MC-NP31SA	MC-NP31SA	MC-NP31SA	MC-NP31SA	MC-NP31SA	MC-NP31SA

Performance, cooling

Capacity Cooling	kW	156.50	161.50	167.00	173.00	178.50	184.00	190.00
Absorbed capacity Cooling	kW	51.99	50.44	52.26	59.47	57.93	59.74	63.27
EER	-	2.73	2.79	2.79	2.76	2.75	2.75	2.73
SEER (average climate)	-	6.61	6.50	6.50	6.31	6.21	6.32	6.17
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	261.4	257.0	257.0	250.0	245.4	250.0	243.8
Operating ranges Cooling	-	-10°C/52°C DB						

Performance, heating

Maximum Heating Power	kW	179.38	181.88	190.42	200.95	203.46	212.00	216.52
Capacity Heating	kW	156.50	161.50	167.00	173.00	178.50	184.00	190.00
Absorbed capacity Heating	kW	46.03	51.60	52.68	53.23	54.26	55.26	55.88
Capacity at -7°C ⁽¹⁾	kW	127.94	128.41	131.16	141.88	140.38	146.27	149.39
Capacity at -15°C ⁽¹⁾	kW	97.75	97.70	99.90	108.04	107.00	111.49	113.87
COP	-	3.40	3.13	3.17	3.25	3.29	3.33	3.40
SCOP (average climate)	-	4.35	4.26	4.24	4.28	4.25	4.23	4.27
Seasonal energy efficiency rating heating $\eta_{s,h}$	%	171.0	167.4	166.6	168.2	167.0	166.2	167.8
Operating ranges heating	°C	-25°C WB/16°C DB						

Technical characteristics

Air flow (Cooling)	m ³ /h	19740+15780+15360	19740+15780+15780	20880+15780+15780	19740+19740+15780	20880+19740+15780	20880+20880+15780	20880+19740+19740
Adjustable static pressure fan	Pa	30/60/80						
Number of fans	-	6						
Sound power Cooling/Heating	dB(A)	87/87	88/89		87/88	88/89		87/88
Sound pressure level Cooling (night) ⁽²⁾	dB(A)	67 (63)		67 (62)	68 (64)		68 (66)	
Dimensions (HxLxD)	mm	1793 x 4054 x 770			1793 x 4444 x 770			1793 x 4834 x 770
Net weight	kg	350 + 272 + 272			350 + 350 + 272		375 + 375 + 272	375 + 350 + 350
Type of compressor	-	DC Scroll Inverter with gas reinjection						
Compressor number	-	4			5		6	
Max. number of indoor units that can be connected	-	64						
Connection rate (min-max) ⁽³⁾	%	50 - 130% (200% depending on application)						

Cooling properties

Refrigerant	-	R410A							
Refrigerant load	kg	30.9	31.6	31.9	32.6	32.9	33.2	33.9	
Dimension of cooler connections	Liquid	inches						3/4	7/8
	Low pressure gas	inches							1-3/4
	High/low pressure gas	inches							1-1/2

Electrical features, outdoor unit

Power supply	-	3N - 400V 50 Hz + Neutral + Ground						
Maximum current	A	115.10	122.10	132.40	125.10	135.40	145.70	138.40
Indoor/outdoor connection (protected) ⁽⁴⁾	mm ²	2 x 0.75						

⁽¹⁾ For an outside temperature of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.

⁽³⁾ Above 130%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

	Unit	RAS-70FSXNS2E	RAS-72FSXNS2E	RAS-74FSXNS2E	RAS-76FSXNS2E	RAS-78FSXNS2E	RAS-80FSXNS2E	RAS-82FSXNS2E
Unit 1 name		RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E
Unit 2 name		RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E
Unit 3 name		RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
Unit 4 name				RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
Twin unit connection kit		MC-NP31SA	MC-NP31SA	MC-NP40SA	MC-NP40SA	MC-NP40SA	MC-NP40SA	MC-NP40SA

Performance, cooling

Capacity Cooling	kW	195.50	201.00	206.50	211.50	217.00	223.00	228.50
Absorbed capacity Cooling	kW	71.80	73.91	73.44	75.44	77.55	80.33	82.44
EER	-	2.72	2.72	2.76	2.80	2.80	2.78	2.77
SEER (average climate)	-	6.18	6.19	6.63	6.55	6.55	6.40	6.40
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	244.2*	244.6*	262.2	259	259	253	253
Operating ranges Cooling	°C	-10°C/52°C DB						

Performance, heating

Maximum Heating Power	kW	225.06	233.60	235.61	238.12	246.66	257.21	262.23
Capacity Heating	kW	195.50	201.00	206.50	211.50	217.00	223.00	228.50
Absorbed capacity Heating	kW	57.00	57.92	62.76	68.20	69.32	69.90	70.96
Capacity at -7°C ⁽¹⁾	kW	155.28	161.18	162.56	164.29	170.19	177.47	180.93
Capacity at -15°C ⁽¹⁾	kW	118.36	122.85	123.91	125.23	129.72	135.27	137.91
COP	-	3.43	3.47	3.29	3.10	3.13	3.19	3.22
SCOP (average climate)	-	4.25	4.24	4.33	4.26	4.24	4.27	4.25
Seasonal energy efficiency rating heating $\eta_{s,h}$	%	167.0	166.6	170.2	167.4	166.6	167.8	167.0
Operating ranges heating	°C	-25°C WB/16°C DB						

Technical characteristics

Air flow (Cooling)	m ³ /h	20880+20880+19740	20880+20880+20880	19740+15780 +15780+15360	19740+15780 +15780+15780	20880+15780 +15780+15780	19740+19740 +15780+15780	20880+19740 +15780+15780
Adjustable static pressure fan	Pa	30/60/80						
Number of fans	-	6			8			
Sound power Cooling/Heating	dB(A)	88/89			89/90			
Sound pressure level Cooling (night) ⁽²⁾	dB(A)	68 (65)		68 (64)	68 (63)		69 (65)	69 (64)
Dimensions (HxLxD)	mm	1793 x 4834 x 770		1793 x 5282 x 770			1793 x 5672 x 770	
Net weight	kg	375 + 375 + 350	375 + 375 + 375	350 + 272 + 272 + 272		375 + 272 + 272 + 272	350 + 350 + 272 + 272	375 + 350 + 272 + 272
Type of compressor	-	DC Scroll Inverter with gas reinjection						
Compressor number	-	6			5		6	
Max. number of indoor units that can be connected	-	64						
Connection rate (min-max) ⁽³⁾	%	50 - 130% (200% depending on application)						

Cooling properties

Refrigerant	-	R410A						
Refrigerant load	kg	34.2	34.5	41.1	41.8	42.1	42.8	43.1
Dimension of cooler connections	Liquid	inches 7/8						
	Low pressure gas	inches 1-3/4			inches 2			
	High/low pressure gas	inches 1-1/2			inches 1-3/4			

Electrical features, outdoor unit

Power supply	-	3N ~ 400V 50 Hz + Neutral + Ground						
Maximum current	A	148.70	159.00	154.80	161.80	172.10	164.80	175.10
Indoor/outdoor connection (protected) ⁽⁴⁾	mm ²	2 x 0.75						

⁽¹⁾ For an outside temperature of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.⁽³⁾ Above 130%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

VRF air365 Max R410A

	Unit	RAS-84FSXNS2E	RAS-86FSXNS2E	RAS-88FSXNS2E	RAS-90FSXNS2E	RAS-92FSXNS2E	RAS-94FSXNS2E	RAS-96FSXNS2E
Unit 1 name		RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
Unit 2 name		RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
Unit 3 name		RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
Unit 4 name		RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E
Twin unit connection kit		MC-NP40SA	MC-NP40SA	MC-NP40SA	MC-NP40SA	MC-NP40SA	MC-NP40SA	MC-NP40SA

Performance, cooling

Capacity Cooling	kW	234.00	240.00	245.50	251.00	257.00	262.50	268.00
Absorbed capacity Cooling	kW	84.55	87.33	89.44	91.55	94.33	96.44	98.55
EER	-	2.77	2.75	2.74	2.74	2.72	2.72	2.72
SEER (average climate)	-	6.40	6.28	6.28	6.29	6.18	6.18	6.19
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	253.0	248.2*	248.2*	248.6*	244.2*	244.2*	244.6*
Operating ranges Cooling	°C	-10°C/52°C DB						

Performance, heating

Maximum Heating Power	kW	268.26	278.81	283.84	289.86	294.38	302.93	311.47
Capacity Heating	kW	234.00	240.00	245.50	251.00	257.00	262.50	268.00
Absorbed capacity Heating	kW	72.00	72.50	73.72	74.70	75.36	76.30	77.23
Capacity at -7°C ⁽¹⁾	kW	185.09	192.37	195.84	200.00	203.12	209.01	214.90
Capacity at -15°C ⁽¹⁾	kW	141.08	146.63	149.27	152.44	154.82	159.31	163.80
COP	-	3.25	3.31	3.33	3.36	3.41	3.44	3.47
SCOP (average climate)	-	4.24	4.26	4.25	4.23	4.26	4.25	4.24
Seasonal energy efficiency rating heating $\eta_{s,h}$	%	166.6	167.4	167.0	166.2	167.4	167.0	166.6
Operating ranges heating	°C	-25°C WB/16°C DB						

Technical characteristics

Air flow (Cooling)	m ³ /h	20880+20880 +15780+15780	20880+19740 +19740+15780	20880+20880 +19740+15780	20880+20880 +20880+15780	20880+20880 +19740+19740	20880+20880 +20880+19740	20880+20880 +20880+20880
Adjustable static pressure fan	Pa	30/60/80						
Number of fans	-	8						
Sound power Cooling/Heating	dB(A)	89/90						
Sound pressure level Cooling (night) ⁽²⁾	dB(A)	69 (64)	69 (66)	69 (65)		69 (67)	69 (66)	
Dimensions (HxLxD)	mm	1793 x 5672 x 770		1793 x 6062 x 770			1793 x 6452 x 770	
Net weight	kg	375 + 375 + 272 + 272	375 + 350 + 350 + 272	375 + 375 + 350 + 272	375 + 375 + 375 + 272	375 + 375 + 350 + 350	375 + 375 + 375 + 350	375 + 375 + 375 + 375
Type of compressor	-	DC Scroll Inverter with gas reinjection						
Compressor number	-	6	7			8		
Max. number of indoor units that can be connected	-	64						
Connection rate (min-max) ⁽³⁾	%	50 - 130% (200% depending on application)						

Cooling properties

Refrigerant	-	R410A						
Refrigerant load	kg	43.4	44.1	44.4	44.7	45.4	45.7	46.0
Dimension of cooler connections	Liquid	inches	7/8			1		
	Low pressure gas	inches	2					
	High/low pressure gas	inches	1-3/4					

Electrical features, outdoor unit

Power supply	-	3N ~ 400V 50 Hz + Neutral + Ground						
Maximum current	A	185.40	178.10	188.40	198.70	191.40	201.70	212
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75						

⁽¹⁾ For an outside temperature of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.

⁽³⁾ Up to 200%, refer to the technical documentation to see the conditions of application.. ⁽⁴⁾ Mass to be regenerated every 300 m.



air365 Max Pro

High-Performance Range, reversible system / Energy recovery 5 - 54 hp (R410A)



+ SERVICES

Flexible installation

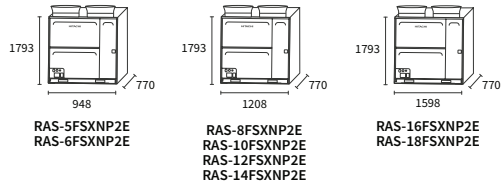
- Available in 2 pipe/ 3 pipe.
- Wide power range: From 5 hp.
- Regulation changeover in 2 pipe: 4 modes available.

+ APPRAISAL

Gas reinjection compressor

- Wide operating range: -25°C to 52°C.
- SEER up to 8.38 and SCOP up to 5.19.
- COP up to 5.29.
- Hot overpower function: Maintains power up to -7°C.

Outdoor units



Compatible controls and accessories

Installation of accessories



CSNET Manager



Remote access

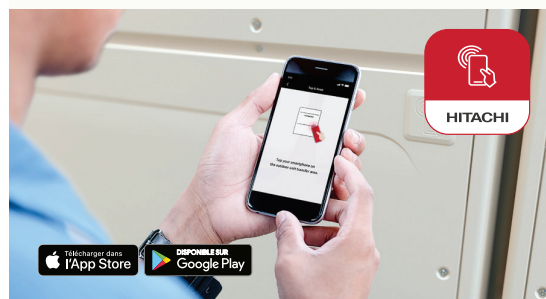


+ TECHNOLOGY

airCloud Tap + NFC technology

airCloud Tap mobile application that allows OU and IU settings to be configured via NFC contact.

- Function test.
- Reading of operating parameters



Model	Unit	RAS-5FSXNP2E	RAS-6FSXNP2E	RAS-8FSXNP2E	RAS-10FSXNP2E	RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E	
Performance, cooling										
Capacity Cooling	kW	14.00	16.00	22.40	28.00	33.50	40.00	45.00	50.00	
Absorbed capacity Cooling	kW	3.33	4.23	5.58	7.62	9.88	12.91	12.99	16.09	
EER	-	4.2	3.78	4.02	3.68	3.39	2.64	3.47	3.11	
SEER (average climate)	-	7.75	7.62	8.38	7.8	7.41	7.25	7.45	7.09	
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	307.0	301.8	332.2	309.0	293.4	287.0	295.0	280.6	
Operating ranges Cooling	-	-10°C/52°C DB								
Performance, heating										
Maximum Heating Power	kW	16.08	18.09	25.13	31.65	37.70	45.27	50.60	56.52	
Capacity Heating	kW	14.00	16.00	22.40	28.00	33.50	40.00	45.00	50.00	
Absorbed capacity Heating	kW	2.65	3.41	4.54	6.01	7.51	9.64	10.79	13.29	
Capacity at -7°C ⁽¹⁾	kW	13.39	15.06	20.92	25.10	27.78	33.30	40.06	41.46	
Capacity at -15°C ⁽¹⁾	kW	10.75	12.10	16.80	19.80	21.40	25.70	31.50	31.90	
COP	-	5.29	4.69	4.94	4.66	4.46	4.15	4.17	3.76	
SCOP (average climate)	-	5.04	4.44	5.19	4.92	4.93	4.69	5.03	4.66	
Seasonal energy efficiency heating $\eta_{s,h}$	%	198.6	174.6	204.6	193.8	194.2	184.6	198.2	183.4	
Operating ranges heating	-	-25°C/16°C WB								
Technical characteristics										
Airflow	m ³ /h	9240	10500	11100	13140		15360	20760	21720	
Adjustable static pressure	Pa	30/60/80								
Number of fans	-	1			2					
Sound power (Cooling/Heating)	dB(A)	72/73	78/76	76/77	81/82	79/78	81/80	83/84	85/86	
Sound pressure ⁽²⁾ (night mode)	dB(A)	52 (53)	57 (53)	57 (56)	60 (56)	59 (56)	60 (55)	63 (61)	65 (62)	
Dimensions (HxLxD)	mm	1793 x 948 x 770			1793 x 1208 x 770			1793 x 1598 x 770		
Net weight	kg	197		262	267		360			
Type of compressor	-	DC Scroll Inverter with gas reinjection								
Compressor number	-	1					2			
Max. number of indoor units that can be connected	-	16	19	26	32	39	45	52	58	
Connection rate ⁽³⁾	-	50 - 130% (200% depending on application)								
Cooling properties										
Refrigerant	-	R410A								
Refrigerant load	kg	5.7	6.0	9.1	9.1	9.3	9.3	10.6	11.1	
Dimension of cooler connections	Liquid	inches	3/8			1/2			5/8	
	Low pressure gas	inches	3/4		7/8		1		1-1/8	
	High/low pressure gas	inches	5/8		3/4		7/8			
Electrical features										
Power supply	-	3N - 400V 50 Hz + Neutral +Ground								
Maximum intensity (Hot overpower)	A	8.6 (11.5)	11.2 (13.3)	14.5 (16.8)	19.5 (24.7)	22.4 (28)	28.0 (33.3)	30.6 (34.2)	35 (43.3)	
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75								

⁽¹⁾ For an ambient T* of 20°C and a 100% connection rate. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.
⁽³⁾ Above 130%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

High-performance VRF air365 Max R410A

	Unit	RAS-20FSXNP2E	RAS-22FSXNP2E	RAS-24FSXNP2E	RAS-26FSXNP2E	RAS-28FSXNP2E	RAS-30FSXNP2E	RAS-32FSXNP2E	RAS-34FSXNP2E	RAS-36FSXNP2E
Unit 1 name		RAS-10FSXNP2E	RAS-12FSXNP2E	RAS-12FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E
Unit 2 name		RAS-10FSXNP2E	RAS-10FSXNP2E	RAS-12FSXNP2E	RAS-10FSXNP2E	RAS-12FSXNP2E	RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E
Twin unit connection kit		MC-20AN1				MC-21AN1				

Performance, cooling										
Capacity Cooling	kW	56.00	61.50	67.00	73.00	78.50	83.50	90.00	95.00	100.00
Absorbed capacity Cooling	kW	19.75	23.53	24.64	24.38	26.07	28.07	31.59	33.28	35.27
EER	-	3.68	3.51	3.39	3.54	3.43	3.22	2.88	3.27	3.11
SEER (average climate)	-	7.44	7.30	7.19	7.45	7.33	7.11	7.15	7.25	7.09
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	294.6	289.0	284.6	295.0	290.2	281.4	283	287	280.6
Operating ranges Cooling	-	-10°C/52°C DB								

Performance, heating										
Maximum Heating Power	kW	63.58	69.63	75.69	82.25	88.31	94.36	101.93	106.98	113.03
Capacity Heating	kW	56.00	61.50	67.00	73.00	78.50	83.50	90.00	95.00	100.00
Absorbed capacity Heating	kW	12.01	13.51	15.02	16.85	18.34	20.77	24.12	24.11	26.59
Capacity at -7°C ⁽¹⁾	kW	46.65	51.09	55.53	60.34	64.79	69.23	74.78	78.48	82.92
Capacity at -15°C ⁽¹⁾	kW	35.89	39.31	42.72	46.43	49.84	53.26	57.53	60.38	63.80
COP	-	4.66	4.55	4.46	4.33	4.28	4.02	3.73	3.94	3.76
SCOP (average climate)	-	4.71	4.79	4.87	4.85	4.91	4.63	4.53	4.70	4.50
Seasonal energy efficiency heating $\eta_{s,h}$	%	185.4	188.6	191.8	191.0	193.4	182.2	178.2	185.0	177.0
Operating ranges heating	-	-25°C/16°C WB								

Technical characteristics										
Airflow	m ³ /h	13140 + 13140			13140 + 20760		13140 + 21720	15360 + 21720	20760 + 21720	21720 + 21720
Adjustable static pressure	Pa	30/60/80								
Number of fans	-	4								
Sound power Cooling/Heating	dB(A)	83/84	82/82	81/80	84/85	83/83	84/84	85/85	86/87	87/88
Sound pressure ⁽²⁾ (night mode)	dB(A)	62 (58)	62 (58)	61 (58)	64 (61)	63 (61)	64 (61)	65 (61)	66 (64)	67 (64)
Dimensions (HxLxD)	mm	1793 x 2436 x 770			1793 x 2826 x 770			1793 x 3216 x 770		
Net weight	kg	262 + 262	267 + 262	267 + 267	360 + 262	360 + 267		360 + 360		
Type of compressor	-	DC Scroll Inverter with gas reinjection								
Compressor number	-	2			3			4		
Max. number of indoor units that can be connected	-	64								
Connection rate ⁽³⁾	-	130% (200% depending on the applications)								

Cooling properties										
Refrigerant	-	R410A								
Refrigerant load	kg	18.2	18.4	18.6	19.7	19.9	20.4	21.7	22.2	
Dimension of cooler connections	Liquid	inches	5/8			3/4				
	Low pressure gas	inches	1-1/8			1-1/4				
	High/low pressure gas	inches	7/8	1			1-1/8			

Electrical features										
Power supply	-	3N - 400V 50 Hz + Neutral + Ground								
Maximum intensity (Hot overpower)	A	39 (49.4)	41.9 (52.7)	44.8 (56)	50.1 (58.9)	53 (62.2)	57.4 (71.3)	63 (76.6)	65.6 (77.5)	70 (86.6)
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75								

⁽¹⁾ For an outside temp. of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.
⁽³⁾ Above 150%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.

	Unit	RAS-38FSXNP2E	RAS-40FSXNP2E	RAS-42FSXNP2E	RAS-44FSXNP2E	RAS-46FSXNP2E	RAS-48FSXNP2E	RAS-50FSXNP2E	RAS-52FSXNP2E	RAS-54FSXNP2E
Unit 1 name		RAS-12FSXNP2E	RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E
Unit 2 name		RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E
Unit 3 name		RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E
Twin unit connection kit		MC-30AN1								
Performance, cooling										
Capacity Cooling	kW	107.00	113.50	120.00	123.50	130.00	135.00	140.00	145.00	150.00
Absorbed capacity Cooling	kW	38.17	40.16	42.27	45.05	47.16	49.27	49.23	50.91	52.91
EER	-	3.07	2.83	2.64	3.01	2.81	3.05	2.96	3.21	3.11
SEER (average climate)	-	7.19	7.21	7.24	7.15	7.18	7.25	7.13	7.20	7.09
Seasonal energy efficiency rating cooling $\eta_{s,c}$	%	284.6	285.4	286.6	283.0	284.2	287.0	282.2	285.0	280.6
Operating ranges Cooling	-	-10°C/52°C DB								
Performance, heating										
Maximum Heating Power	kW	121.10	128.67	136.24	139.77	147.34	150.88	158.44	163.49	169.55
Capacity Heating	kW	107.00	113.50	120.00	123.50	130.00	135.00	140.00	145.00	150.00
Absorbed capacity Heating	kW	25.90	29.25	32.60	31.66	35.04	34.97	37.43	37.46	39.89
Capacity at -7°C ⁽¹⁾	kW	88.85	94.40	99.95	102.55	108.10	110.69	116.24	119.94	124.39
Capacity at -15°C ⁽¹⁾	kW	68.36	72.63	76.90	78.90	83.17	85.16	89.43	92.28	95.70
COP	-	4.13	3.88	3.68	3.90	3.71	3.86	3.74	3.87	3.76
SCOP (average climate)	-	4.76	4.66	4.58	4.61	4.54	4.66	4.51	4.62	4.50
Seasonal energy efficiency heating $\eta_{s,h}$	%	187.4	183.4	180.2	181.4	178.6	183.4	177.4	181.8	177.0
Operating ranges heating	-	-25°C/16°C WB								
Technical characteristics										
Airflow	m ³ /h	13140 + 13140 + 15360	13140 + 15360 + 15360	15360 + 15360 + 15360	13140 + 15360 + 21720	15360 + 15360 + 21720	15360 + 20760 + 21720	15360 + 21720 + 21720	20760 + 21720 + 21720	21720 + 21720 + 21720
Adjustable static pressure	Pa	30/60/80								
Number of fans	-	6								
Sound power (Cooling/Heating)	dB(A)	83/82		84/83	85/44	85/85	86/86	87/87	87/88	88/89
Sound pressure ⁽²⁾ (night mode)	dB(A)	62 (59)	63 (58)		64 (61)	65 (60)	66 (62)	66 (63)	67 (65)	68 (65)
Dimensions (HxLxD)	mm	1793 x 3664 x 770			1793 x 4054 x 770		1793 x 4444 x 770		1793 x 4834 x 770	
Net weight	kg	267 + 267 + 267			360 + 267 + 267		360 + 360 + 267		360 + 360 + 360	
Type of compressor	-	DC Scroll Inverter								
Compressor number	-	3			4		5		6	
Max. number of indoor units that can be connected	-	64								
Connection rate ⁽³⁾	-	130% (200% depending on the applications)								
Cooling properties										
Refrigerant	-	R410A								
Refrigerant load	kg	27.9			29.7		31	31.5	32.8	33.3
Dimension of cooler connections	Liquid	inches		3/4						
	Low pressure gas	inches		1 - 1/2						
	High/low pressure gas	inches		1-1/8						
Electrical features										
Power supply	-	3N - 400V 50 Hz + Neutral + Ground								
Maximum intensity (Overpower, hot)	A	72.8 (89.3)	78.4 (94.6)	84 (99.9)	85.4 (104.6)	91 (109.9)	93.6 (110.8)	98 (119.9)	100.6 (120.8)	105 (129.9)
Indoor/outdoor connection (shielded) ⁽⁴⁾	mm ²	2 x 0.75								

⁽¹⁾ For an outside temp. of 20°C and a connection rate of 100%. ⁽²⁾ Anechoic chamber readings taken 1.5 m from the front of the appliance.

⁽³⁾ Above 150%, refer to the technical documentation for application conditions. ⁽⁴⁾ Volume to regenerate every 300 m.