

Room Air Conditioner

Roni R35X ^[R18]



Key features of the device



SKY[®] Digital DC Inverter



iAIR Automatic purification



iClean Automatic purification ⁽¹⁾



iAIR 3-in-1 filter (Ca + Si.Ion + vit. C) ⁽¹⁾



iAIR 3-in-1 filter (Phot. + Act.C + Nano) ^(**)



iAIR HD pre-filter



eMOTO Super silent mode



Automatic 4D louvres



eMOTO Turbo mode



eMOTO Airflow control system



eMOTO Eco mode



eMOTO Wide-angle airflow



SMART Wi-Fi function



Smart panel display ON/OFF



SMART Follow mode



Wireless remote controller



SMART heating 8°C function



Auto restart memory



Anti-corrosive gold-plated fins



Timer



Cooling at low ext. temp. -15°C



Heating at low ext. temp. -20°C



Double-sided condensate drainage



Self-diagnosis function



Sleep mode

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1. Function not available in the Multi Split system.

* iAIR 3-in-1 filter: Catechin + Silver Ion + Vitamin C

** iAIR 3-in-1 Filter: Photocatalytic + Activated Carbon + Cold Nano

Technical Specification

Model				Roni 3.4 kW
Capacity	Cooling	Norm. (Min. - Max.)	W	3,400 (1,000-3,770)
Rated input		Norm. (Min. - Max.)	W	1,130 (290-1,500)
Operating current		Norm. (Min. - Max.)	A	4.9 (1.3-6.5)
Capacity	Heating	Norm. (Min. - Max.)	W	3,420 (1,000-3,810)
Rated input		Norm. (Min. - Max.)	W	1,005 (290-1,720)
Operating current		Norm. (Min. - Max.)	A	4.4 (1.3-7.5)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	3.4
SEER			W/W	6.1
Energy efficiency class for cooling				A++
Annual electric energy consumption - cooling			kWh/a	196
Design load in heating mode (Tbiv -7°C)			kW	2.2
SCOP			W/W	4.0
Energy efficiency class - heating				A+
Annual electric energy consumption - heating			kWh/a	770
Dehumidification			l/h	1.2
Maximum energy consumption			W	1,720
Maximum operating current			A	7.5
Indoor unit				R35Xi R18
EAN product code				5905567609084
Fan speed	T / H / M / L / S		rpm	1,300 / 1,120 / 860 / 820 / 600
Air flow	T / H / M / L / S		m³/h	550 / 520 / 450 / 410 / 330
Sound pressure level	T / H / M / L / S		dB(A)	42 / 38 / 32 / 26 / 22
Sound power level			dB(A)	53
Rated input			W	35
Operating current			A	0.2
Net dimensions	W × D × H		mm	778 × 192 × 272
Gross dimensions	W × D × H		mm	840 × 255 × 335
Net Weight / Gross Weight			kg	7.3 / 9.5
Condensate drain			mm	16
Outdoor unit				R35Xo R18
EAN product code				5905567609091
Fan speed	H / M / L		rpm	1,000 / 830 / 710
Maximum air flow			m³/h	1,700
Sound pressure level			dB(A)	54
Sound power level			dB(A)	62
Net dimensions	W × D × H		mm	722 × 276 × 459
Gross dimensions	W × D × H		mm	765 × 310 × 481
Bracket spacing	W × D		(mm)	362 × 256
Net Weight / Gross Weight			kg	20 / 22
Refrigerant	Type			R32
	Global Warming Potential (GWP)			675
	Charge (up to 5m)		kg	0.52
			TCO ₂ eq	0.35
Charge (more than 5m)		g/m	12	
Pipe connections	Liquid / Gas		mm (inches)	Φ6.35 / Φ9.52 (1/4" / 3/8")
Maximum installation length			m	25
Maximum height difference			m	10
Compressor type				Rotary DC
Type of outdoor unit power supply			V-Hz, Ø	220-240-50, 1ph
Protection			A	B10
Power cables: outdoor unit	L < 20 m		qty. × mm²	3 × 1.5
Control and power cables: outdoor unit - indoor unit			qty. × mm²	4 × 1
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Indoor operating range (Cooling / Heating)			°C	16-32 / 0-30
Outdoor operating range (Cooling / Heating)			°C	-15-53 / -20-30
Compatible systems				
1:1 SINGLE				•
1:2 DUAL				
1:X MULTI S-Line				
1:X MULTI N-Line				•
1:X MULTI HP-Line				