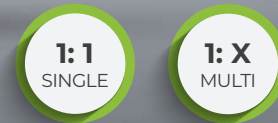




























# Room Air Conditioner

Roni R50X <sup>[R18]</sup>



## Key features of the device

							
SKY <sup>2</sup> Digital DC Inverter	iAIR Automatic purification	iClean Automatic purification <sup>(1)</sup>	iAIR 3-in-1 filter (Ca + Si.Ion + vit. C) <sup>(*)</sup>	iAIR 3-in-1 filter (Phot. + Act.C + Nano) <sup>(**)</sup>	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	Energy consumption optimization <sup>(1)</sup>						

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 5.1 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	5,140 (1,250-5,910)
Rated input		Nom. (Min. - Max.)	W	1,567 (330-2,350)
Operating current		Nom. (Min. - Max.)	A	6.8 (1.4-10.2)
Capacity	Heating	Nom. (Min. - Max.)	W	5,210 (1,250-6,070)
Rated input		Nom. (Min. - Max.)	W	1,376 (340-2,550)
Operating current		Nom. (Min. - Max.)	A	6.0 (1.5-11.1)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	5.1
SEER			W/W	6.8
Energy efficiency class for cooling				A++
Annual electric energy consumption - cooling			kWh/a	263
Design load in heating mode (Tbiv -7°C)			kW	4.0
SCOP			W/W	4.0
Energy efficiency class - heating				A+
Annual electric energy consumption - heating			kWh/a	1,400
Dehumidification			l/h	1.8
Maximum energy consumption			W	2,550
Maximum operating current			A	11.1
Indoor unit				R50Xi R18
EAN product code				5905567609107
Fan speed	T / H / M / L / S		rpm	1,360 / 1,130 / 950 / 870 / 800
Air flow	T / H / M / L / S		m³/h	800 / 690 / 580 / 540 / 440
Sound pressure level	T / H / M / L / S		dB(A)	47 / 40 / 34 / 31 / 27
Sound power level			dB(A)	56
Rated input			W	52
Operating current			A	0.2
Net dimensions		W × D × H	mm	910 × 195 × 305
Gross dimensions		W × D × H	mm	979 × 265 × 380
Net Weight / Gross Weight			kg	9 / 11
Condensate drain			mm	16
Outdoor unit				R50Xo R18
EAN product code				5905567609114
Fan speed	H / M / L		rpm	930 / 830 / 550
Maximum air flow			m³/h	2,600
Sound pressure level			dB(A)	55
Sound power level			dB(A)	65
Net dimensions		W × D × H	mm	863 × 349 × 602
Gross dimensions		W × D × H	mm	890 × 385 × 628
Bracket spacing		W × D	(mm)	516 × 314
Net Weight / Gross Weight			kg	30 / 32.5
Refrigerant	Type			R32
	Global Warming Potential (GWP)			675
	Charge (up to 5m)		kg	0.78
			TCO <sub>2</sub> eq	0.53
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	B16
Power cables: outdoor unit		L < 20 m	qty. × mm²	3 × 1.5
Control and power cables: outdoor unit - indoor unit			qty. × mm²	4 × 1
Control and power cables: Hiro unit - indoor unit			qty. × mm²	4 × 1
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				