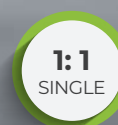


Room Air Conditioner

Roni R70X ^[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) ^(*)



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



iAIR HD pre-filter



eMOTO Super silent mode¹



Automatic 4D louvers



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 ⁽¹⁾

1

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 7.0 kW	
Capacity	Cooling	Nom. (Min. - Max.)	W	7,040 (1,500-7,800)	
Rated input		Nom. (Min. - Max.)	W	2,324 (390-2,800)	
Operating current		Nom. (Min. - Max.)	A	10.1 (1.7-12.2)	
Capacity	Heating	Nom. (Min. - Max.)	W	7,080 (1,500-7,900)	
Rated input		Nom. (Min. - Max.)	W	2,178 (390-3,000)	
Operating current		Nom. (Min. - Max.)	A	9.5 (1.7-13.0)	
Reversible heat pump type				air-to-air	
Design load in cooling mode			kW	7.0	
SEER			W/W	6.4	
Energy efficiency class for cooling				A++	
Annual electric energy consumption - cooling			kWh/a	383	
Design load in heating mode (Tbiv -7°C)			kW	4.9	
SCOP			W/W	4.0	
Energy efficiency class - heating				A+	
Annual electric energy consumption - heating			kWh/a	1,715	
Dehumidification			l/h	1.8	
Maximum energy consumption			W	3,000	
Maximum operating current			A	13.0	
Indoor unit				R70Xi R18	
EAN product code				5905567609121	
Fan speed	T / H / M / L / S		rpm	1,270 / 1,000 / 920 / 850 / 700	
Air flow	T / H / M / L / S		m³/h	1,000 / 790 / 720 / 670 / 550	
Sound pressure level	T / H / M / L / S		dB(A)	48 / 41 / 39 / 36 / 30	
Sound power level			dB(A)	58	
Rated input			W	65	
Operating current			A	0.3	
Net dimensions	W × D × H		mm	1,005 × 222 × 322	
Gross dimensions	W × D × H		mm	1,096 × 297 × 390	
Net Weight / Gross Weight			kg	11 / 13	
Condensate drain			mm	16	
Outdoor unit				R70Xo R18	
EAN product code				5905567609138	
Fan speed	H / M / L		rpm	930 / 690 / 450	
Maximum air flow			m³/h	3,000	
Sound pressure level			dB(A)	57	
Sound power level			dB(A)	67	
Net dimensions	W × D × H		mm	927 × 380 × 699	
Gross dimensions	W × D × H		mm	949 × 392 × 732	
Bracket spacing	W × D		(mm)	586 × 348	
Net Weight / Gross Weight			kg	38 / 40.5	
Refrigerant	Type			R32	
	Global Warming Potential (GWP)			675	
	Charge (up to 5m)	kg		1.14	
		TCO ₂ eq		0.77	
	Charge (more than 5m)		g/m	12	
Pipe connections	Liquid / Gas		mm (inches)	Φ6.35 / Φ12.7 (1/4" / 1/2")	
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	B20	
Power cables: outdoor unit	L < 20 m		qty. × mm²	3 × 2.5	
Control and power cables: outdoor unit - indoor unit			qty. × mm²	4 × 1	
Control and power cables: Hiro unit - indoor unit			qty. × mm²	-	
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					