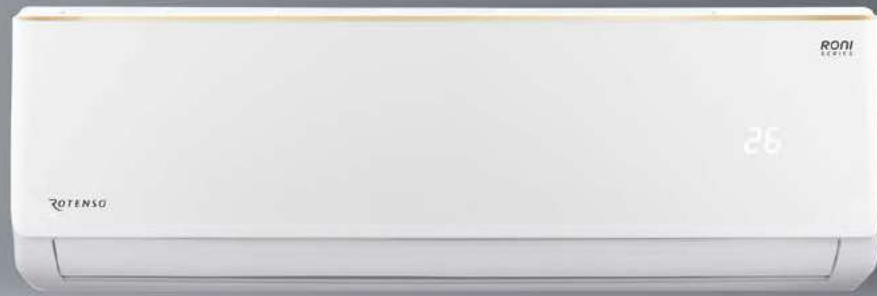


# Wall-mounted air conditioner

Roni R35X <sup>[R17]</sup>



## Features device



Digital DC Inverter SKY<sup>®</sup>



Automatic cleaning iAIR



Automatic purification iClean <sup>(1)</sup>



3-in-1 filter (Ca + Si.Ion + vit.C) iAIR <sup>(\*)</sup>



3-in-1 filter (Photo. + Ac.C + Nano) iAIR <sup>(\*\*)</sup>



Electrostatic HD iAIR filter



Super Silent eMOTO mode



Automatic 4D louvres



Turbo eMOTO mode



Air supply control system eMOTO



ECO eMOTO mode



Wide angle eMOTO air supply



SMART Wi-Fi



Smart panel display ON/OFF



SMART Follow mode <sup>(1)</sup>



Wireless remote controller



SMART heating to 8°C <sup>(1)</sup>



Auto restart memory



Anti-corrosive gold fins



Timer



Cooling at low outdoor temp. down to -15°C



Heating at low outdoor temp. down to -20°C



Double-sided condensate drainage



Self-diagnostics



Sleep mode

1. Function not available in the Multi Split system.

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

\*\* 3-in-1 iAIR filter: Photocatalytic + Activated carbon + Cold Nano

# Technical specification

Model				Roni 3,5 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	3502 (1000-3770)
Rated input		Nom. (Min. - Max.)	W	1130 (290-1500)
Operating current		Nom. (Min. - Max.)	A	4,9 (1,3-6,5)
Capacity	Heating	Nom. (Min. - Max.)	W	3517 (1000-3810)
Rated input		Nom. (Min. - Max.)	W	1005 (290-1720)
Operating current		Nom. (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, cooling				A++
Annual electric energy consumption, cooling			kWh/a	196
Design load in heating mode (T <sub>biv</sub> -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	1720
Maximum operating current			A	7,5
Indoor unit				R35Xi R17
EAN product code				5905567614439
Fan speed	T / H / M / L / S	rpm	1400 / 1320 / 1150 / 1050 / 850	
Air flow	T / H / M / L / S	m³/h	570 / 530 / 460 / 430 / 360	
Sound pressure level	T / H / M / L / S	dB(A)	43 / 38 / 35 / 27 / 22	
Sound power level		dB(A)	53	
Rated input		W	35	
Operating current		A	0,2	
Net dimensions	W × D × H	mm	777 × 205 × 250	
Gross dimensions	W × D × H	mm	850 × 275 × 320	
Net weight / Gross weight		kg	7 / 9	
Condensate drain		mm	16	
Outdoor unit				R35Xo R17
EAN product code				5905567614446
Fan speed	T / H / M / L / S	rpm	1000 / 910 / 830 / 710 / 710	
Maximum air flow		m³/h	1700	
Sound pressure level		dB(A)	54	
Sound power level		dB(A)	62	
Net dimensions	W × D × H	mm	740 × 253 × 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	
	GWP		675	
	≤ 5m	kg	0,52	
		TCO <sub>2</sub> eq	0,35	
Charged (> 5m)	g/mb	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, 1f
Electrical protection			A	B10
Power cables: outdoor unit			pcs × mm <sup>2</sup>	3 × 1,5
Control and power cables: indoor unit - outdoor unit			pcs × mm <sup>2</sup>	4 × 1
Control and power cables: hiro unit - indoor unit			pcs × mm <sup>2</sup>	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				