

# Wall-mounted air conditioner

Roni R35X <sup>[R16]</sup>



- SCOP 4,0
- Wi-Fi
- 20°C
- Gold fins
- Zz
- 4D
- 5 year WARRANTY
- PZH CERTIFICATE

**1:1**  
SINGLE

**1:X**  
MULTI

## Unit features

 Digital DC Inverter SKY®	 Automatic cleaning iAIR	 Automatic purification iClean <sup>(1)</sup>	 3-in-1 (Ca + Si.Ion + Vit.C) iAIR filter <sup>(*)</sup>	 3w1 (Photo. + Act. Carb. + Nano) iAIR filter <sup>(**)</sup>	 Electrostatic HD iAIR filter	 Super Silent eMOTO mode	 Automatic 4D louvres
 Turbo eMOTO mode	 Air supply eMOTO control system	 ECO eMOTO mode	 Wide-angle eMOTO air supply	 SMART Wi-Fi	 SMART panel display ON/OFF	 SMART Follow mode <sup>(1)</sup>	 Wireless remote control
 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 3,4 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	3400 (1000-3770)
Rated input		Nom. (Min. - Max.)	W	1130 (290-1500)
Operating current		Nom. (Min. - Max.)	A	4,9 (1,3-6,3)
Capacity	Heating	Nom. (Min. - Max.)	W	3420 (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	195
Design load in heating mode (Tbiv -7°C)			kW	2,1
SCOP			W/W	4,0
Energy efficiency class, heating				A+
Annual electric energy consumption, heating			kWh/a	735
Dehumidification			l/h	1,2
Maximum energy consumption			W	1720
Maximum operating current			A	7,5
Indoor unit				R35Xi R16
EAN product code				5905567601477
Fan speed	T / H / M / L / S		rpm	1350 / 1200 / 1000 / 850 / 750
Air flow	T / H / M / L / S		m³/h	550 / 510 / 430 / 390 / 350
Sound pressure level	T / H / M / L / S		dB(A)	40 / 37 / 33 / 25 / 22
Sound power level			dB(A)	50
Rated input			W	35
Operating current			A	0,1
Net dimensions		W × D × H	mm	777 × 205 × 250
Gross dimensions		W × D × H	mm	850 × 275 × 320
Net weight / Gross weight			kg	8 / 10,5
Condensate drain			mm	16
Outdoor unit				R35Xo R16
EAN product code				5905567601514
Fan speed	T / H / M / L / S		rpm	1000 / 910 / 830 / 710 / 710
Maximum air flow			m³/h	1700
Sound pressure level			dB(A)	50
Sound power level			dB(A)	60
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	22 / 24
Refrigerant	Type			R32
	GWP			675
	≤ 5m		kg	0,49
			TCO <sub>2</sub> eq	0,33
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, 1φ
Electrical protection			A	C16
Power cables: outdoor unit			pcs × mm²	3 × 1,5
Control and power cables: indoor unit - outdoor unit			pcs × mm²	4 × 1
Control and power cables: hiro unit - indoor unit			pcs × 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				