



Wall-mounted air conditioner **Revio**

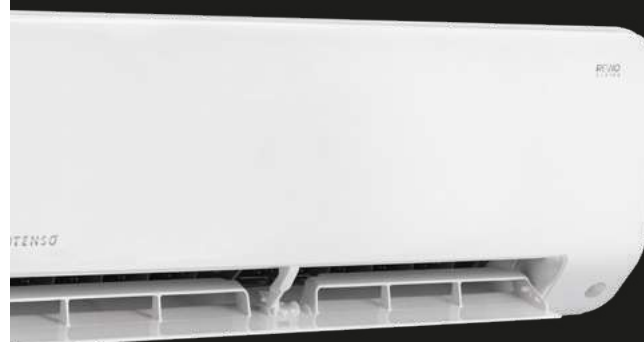
Rotenso's flagship Revio air conditioner is designed to meet your need for safety and comfort.

The improved technology, design and features of the new Generation X air conditioner are our answer to the needs of the new reality. The economical, year-round air conditioner operates efficiently in Heating mode at low outdoor temperatures down to -25°C.

Revio features unprecedented ease of installation of the Indoor unit, which has only one screw and 4 snaps. Importantly, the unit can be installed as low as 5 cm from the ceiling.

The air conditioner has exceptionally easy access to the filters, thanks to a top cover innovatively fixed with magnets.

Thus, you can easily clean them yourself.



FUNCTIONS: SMART **ECO EYE**, SMART **EYE AWAY**





REVIO



Function **SMART Eye Away**

The smart eye detects the activity of a person in the room and allows you to adjust the horizontal angle of air flow to implement a way of supply that avoids the person in the room.



Function **SMART ECO Eye**

The intelligent eye detects the activity of a person located in the room. The unit will start ECO mode if it does not notice the presence of a person in the room for more than 30 min.



Automatic **Purification iClean**

The iClean function is an advanced function that self-cleaning of the air conditioner's indoor unit exchanger. It involves maximum cooling and then maximum heating of the exchanger. The function is designed to eliminate unwanted bacteria and fungi.



Super **iAIR Ionizer**

By creating negative oxygen ions, Super Ionizer iAIR eliminates viruses, bacteria, dust mites and allergens from the air. Unpleasant odours are removed practically as soon as the ionizer comes into contact with the contaminated air.



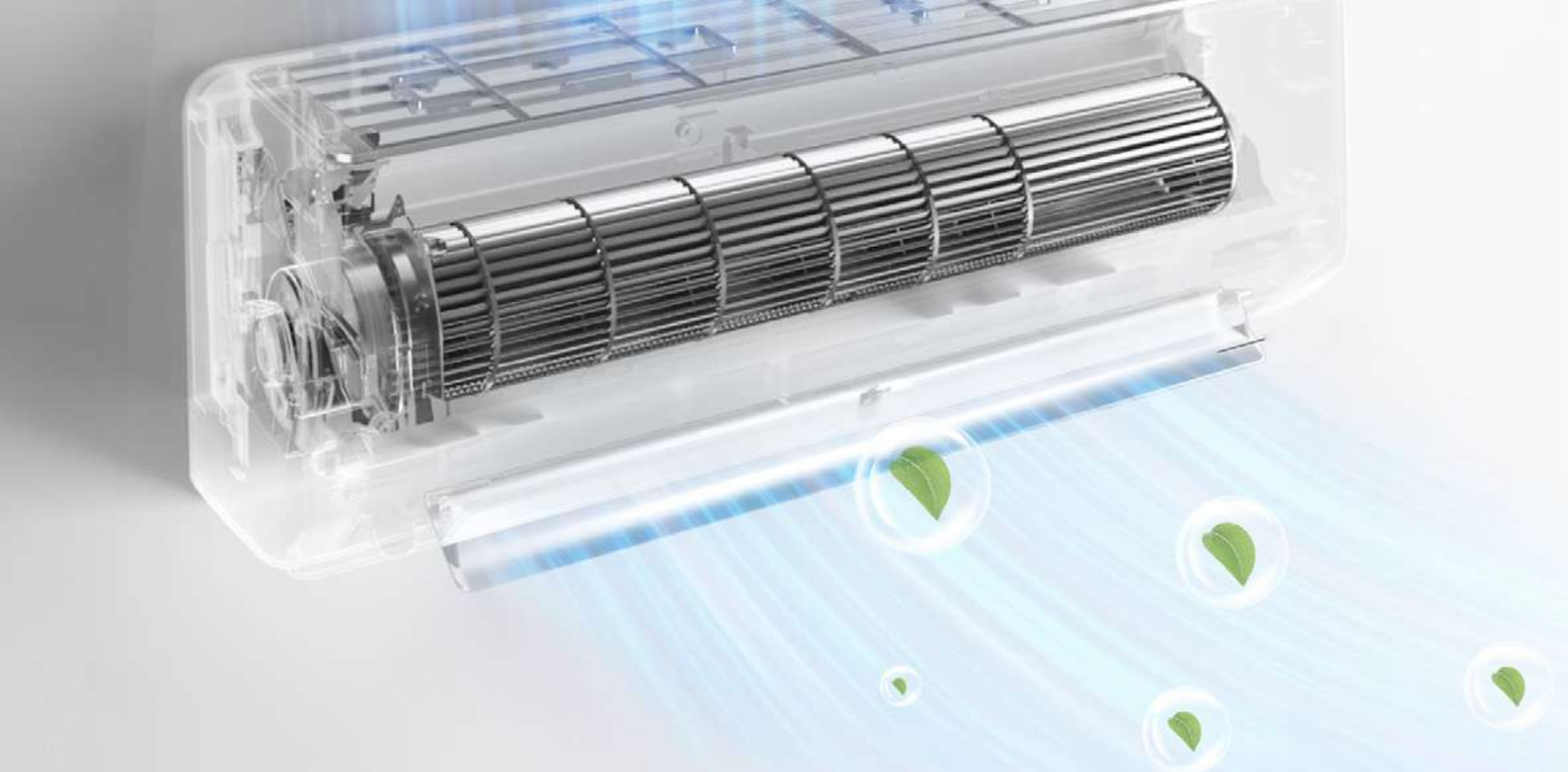
Easy maintenance **and installation**

Disassembly of the unit, the structure of which is based on one screw and 4 latches, takes no more than a minute. **Yes, 1 minute!** Another advantage is the ability to quickly change the filters, which does not require the removal of the front panel of the air conditioner, but only the release of its top cover from the magnets. This design makes it possible to install the air conditioner as low as **5 cm from the ceiling**.



Heating **at down to -25°C**

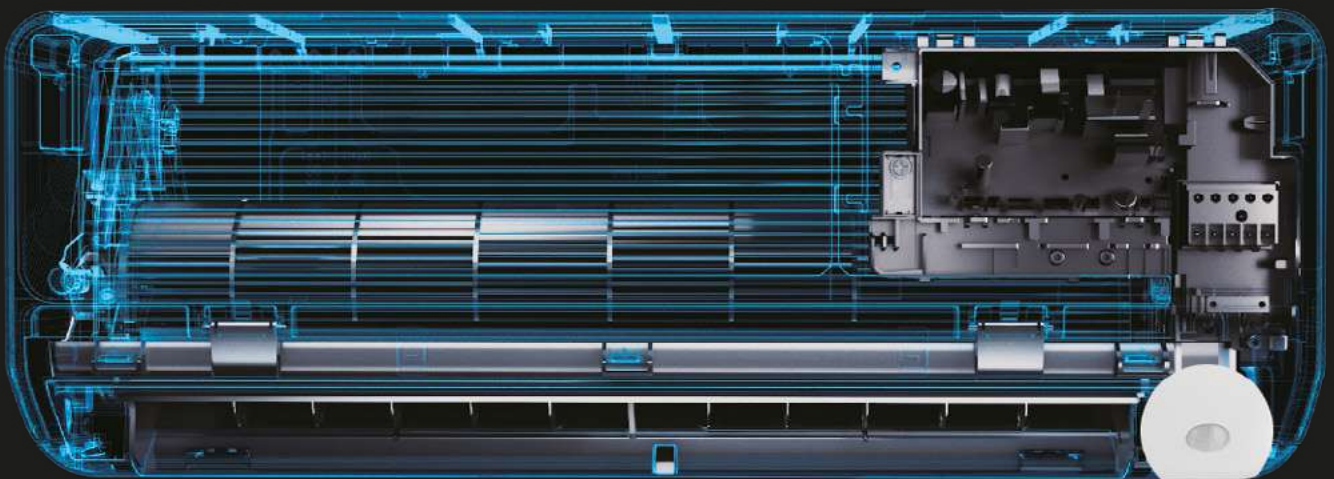
The applied compressor technology, EXV valve and year-round operation package guarantee unprecedented efficiency of the air conditioner in heating mode, even in extreme weather conditions. In addition to the room air-conditioning function, this year-round device can work as the only source of heat in a house, apartment or office.



REVIO LUTION

1 MINUTE

1 SCREW



87

Revio is equipped with the Eco Eye function. The intelligent eye detects the activity of the occupants in the room and allows the air supply to be adjusted to avoid blowing directly at them.

The Automatic 4D louvres eMOTO system controls both horizontal and vertical louvres, which provides a unique sense of comfort in an air-conditioned room.

The expectations of demanding customers will also be met by the excellent performance of the device.

Larger air intake area by 23.5% ensures better efficiency of the unit.

Revio has outstanding SEER and SCOP ratings (seasonal energy efficiency in cooling and heating modes), as well as a high energy efficiency class. The economical year-round air conditioner operates in heating mode at low outdoor temperatures down to -25°C, so it can be the only source of heat.

Revio

2,7-7,0 kW



S-LINE

HP-LINE



Features device

88



Digital DC Inverter SKY®



Automatic purification iClean⁽¹⁾



Super Ionizer iAIR



Cold Nano iAIR filter



Antibacterial HEPA iAIR filter



Electrostatic HD iAIR filter



Super Silent eMOTO mode⁽¹⁾



Automatic 4D louvres



Turbo eMOTO mode⁽¹⁾



Air supply control system eMOTO



ECO eMOTO mode⁽¹⁾



Wide angle eMOTO air supply



SMART Wi-Fi



Humidity sensor⁽¹⁾⁽³⁾



SMART Eye Away⁽¹⁾



SMART Eco Eye⁽¹⁾



SMART port wired controller⁽²⁾



Smart panel display ON/OFF



SMART Follow mode



Wireless remote controller



Wired controller⁽²⁾



SMART heating to 8°C⁽¹⁾



Louvre setting memory



1W standby mode⁽¹⁾



Auto restart memory



Anti-corrosive gold fins



Drip tray heater



Compressor crankcase heater



Silence mode



Timer



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



Heating at low outdoor temp. down to -25°C⁽¹⁾



Double-sided condensate drainage



Self-diagnostics



Sleep mode



BMS Modbus⁽²⁾



BMS Bacnet⁽²⁾

1. Feature not available in Multi Split system. 2. Feature is only optional. 3. Feature can be accessed via mobile app.

Technical specification

Model				Revio 2,7 kW	Revio 3,5 kW	Revio 5,3 kW	Revio 7,0 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	2725 (1319-3810)	3517 (1319-3956)	5275 (1993-6125)	7034 (2110-8206)
Rated input		Nom. (Min. - Max.)	W	600 (130-1200)	880 (130-1250)	1318 (160-1787)	1760 (420-3200)
Operating current		Nom. (Min. - Max.)	A	2,6 (0,6-5,2)	3,8 (0,6-5,4)	5,7 (0,7-7,8)	7,7 (1,8-13,9)
Capacity	Heating	Nom. (Min. - Max.)	W	3136 (880-4396)	3956 (879-4543)	5568 (1348-6770)	7327 (1553-8206)
Rated input		Nom. (Min. - Max.)	W	690 (120-1400)	990 (120-1450)	1500 (230-1695)	1975 (300-3100)
Operating current		Nom. (Min. - Max.)	A	3,0 (0,5-6,1)	4,3 (0,5-6,3)	6,5 (1,0-7,4)	8,6 (1,3-13,5)
Reversible heat pump type				air-to-air	air-to-air	air-to-air	air-to-air
Design load in cooling mode			kW	2,6	3,5	5,3	7,0
SEER			W/W	8,6	8,5	8,5	8,5
Energy efficiency class - cooling				A+++	A+++	A+++	A+++
Annual electric energy consumption - cooling			kWh/a	106	144	220	288
Design load in heating mode (Tbiv -7°C)			kW	2,4	2,4	4,3	5,0
SCOP			W/W	4,6	4,6	4,3	4,2
Energy efficiency class - heating				A++	A++	A+	A+
Annual electric energy consumption - heating			kWh/a	730	730	1400	1666
Dehumidification			l/h	1,0	1,2	1,8	2,7
Maximum energy consumption			W	2300	2300	2800	3700
Maximum operating current			A	10,0	10,0	12,2	16,1
Indoor unit				RO26Xi	RO35Xi	RO50Xi	RO70Xi
EAN product code				5905567601125	5905567601132	5905567606229	5905567601156
Fan speed	H / M / L / S		rpm	960 / 830 / 730 / 630	1000 / 850 / 775 / 700	1050 / 882 / 798 / 714	1000 / 850 / 775 / 700
Air flow	H / M / L / S		m³/h	530 / 440 / 360 / 280	560 / 470 / 380 / 290	685 / 580 / 490 / 400	1092 / 724 / 552 / 379
Sound pressure level	H / M / L / S		dB(A)	37 / 32 / 21,5 / 20,5	40 / 33 / 22 / 21	41 / 35 / 23 / 22	44,5 / 40 / 33 / 21
Sound power level			dB(A)	58	59	59	65
Rated input			W	21	25	36	60
Operating current			A	0,2	0,2	0,2	0,3
Net dimensions	W × D × H		mm	795 × 225 × 295	795 × 225 × 295	965 × 239 × 319	1140 × 275 × 370
Gross dimensions	W × D × H		mm	870 × 305 × 370	870 × 305 × 370	1045 × 325 × 400	1230 × 355 × 455
Net weight / Gross weight			kg	10,2 / 13	10,2 / 13	12,3 / 16,4	20 / 25,3
Condensate drain			mm	16	16	16	16
Outdoor unit				RO26Xo	RO35Xo	RO50Xo	RO70Xo
EAN product code				5905567601163	5905567601170	5905567606236	5905567601194
Fan speed	H / M / L		rpm	760 / 555 / 350	760 / 555 / 350	700 / 615 / 530	830 / 700 / 550
Maximum air flow			m³/h	2200	2200	3500	3500
Sound pressure level			dB(A)	57	57,5	56	58,5
Sound power level			dB(A)	64	65	65	68
Net dimensions	W × D × H		mm	805 × 330 × 554	805 × 330 × 554	890 × 342 × 673	890 × 342 × 673
Gross dimensions	W × D × H		mm	915 × 370 × 615	915 × 370 × 615	995 × 398 × 740	995 × 398 × 740
Bracket spacing	W × D		(mm)	511 × 317	511 × 317	663 × 348	663 × 348
Net weight / Gross weight			kg	28,4 / 31	28,4 / 31	38,8 / 41,9	45,6 / 48,8
Refrigerant	Type			R32	R32	R32	R32
	GWP*			675	675	675	675
	Charged (≤ 5m)	kg	0,69	0,69	1,10	1,50	
		TCO₂eq	0,465	0,465	0,74	1,01	
	Charged (> 5m)	g/m	12	12	12	24	
Pipe connections	Liquid / Gas		mm (inch)	Φ6,35 / Φ9,52 (1/4" / 3/8")	Φ6,35 / Φ9,52 (1/4" / 3/8")	Φ6,35 / Φ12,7 (1/4" / 1/2")	Φ9,52 / Φ15,9 (3/8" / 5/8")
Maximum installation length			m	25	25	30	50
Maximum height difference			m	10	10	20	25
Compressor type				Rotary DC	Rotary DC	Rotary DC	Rotary DC
Type of outdoor unit power supply			V-Hz, Ø	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f
Current protection			A	B10	B10	B16	B20
Power cables: outdoor unit	L < 20m		pcs × mm²	3 × 1,5	3 × 1,5	3 × 1,5	3 × 2,5
Control and power cables: indoor unit - outdoor unit			pcs × mm²	5 × 1,5	5 × 1,5	5 × 1,5	5 × 2,5
Control and power cables: hiro unit - indoor unit			pcs × mm²	4 × 1,5	4 × 1,5	4 × 1,5	4 × 1,5
Indoor operating range (cooling / heating)			°C	16-32 / 0-30	16-32 / 0-30	16-32 / 0-30	16-32 / 0-30
Outdoor operating range (cooling / heating)			°C	-15-50 / -25-30	-15-50 / -25-30	-15-50 / -25-30	-15-50 / -25-30
Compatible systems							
1:1 SINGLE				●	●	●	●
1:2 DUAL							
1:X MULTI S-LINE				●	●	●	●
1:X MULTI N-LINE							
1:X MULTI HP-LINE				●	●	●	

T - Turbo ; H - High; M - Medium; L - Low; ML - Medium Low; S - Silent
For RO70Xi unit with Ø9.52 (3/8") and Ø15.9 (5/8") connections in MULTI systems, reduction required at outdoor unit to Ø6.35 (1/4") and Ø12.7 (1/2").