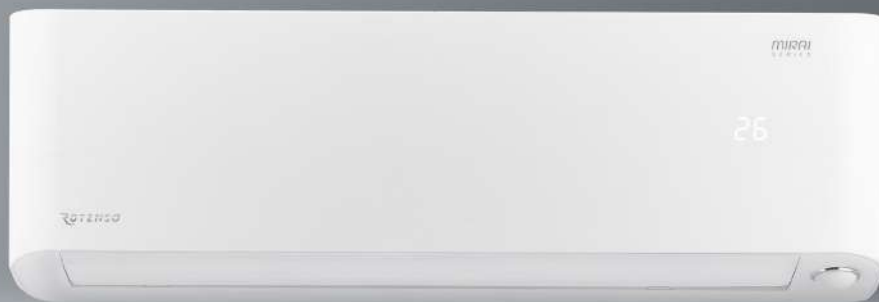


Wall-mounted air conditioner

Mirai M35X^[R15]

S-LINE

HP-LINE



Features device



Digital DC Inverter SKY®



Automatic cleaning iAIR⁽¹⁾



Super Ionizer iAIR



Silver Ion iAIR filter



iAIR Antibacterial Filter



Electrostatic HD iAIR filter



Super Silent eMOTO mode⁽¹⁾



Automatic 4D louvers



Turbo eMOTO mode⁽¹⁾



Air supply eMOTO control system



Eco eMOTO mode⁽¹⁾



Wide-angle eMOTO air supply



SMART wi-fi



Humidity sensor⁽¹⁾⁽³⁾



SMART Eye Away⁽¹⁾



SMART Eye Follow⁽¹⁾



SMART twilight sensor⁽¹⁾



Wired controller SMART port⁽²⁾



Smart panel display ON/OFF



SMART Follow mode



Wireless remote controller



Wired controller⁽²⁾



SMART heating to 8°C⁽¹⁾



SMART heating to 12°C⁽¹⁾



Louvre setting memory⁽¹⁾



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 -25°C⁽¹⁾



Heating at low outdoor temp. down to -30°C⁽¹⁾



Double-sided condensate drainage



Self-diagnostics



Sleep mode



BMS Modbus⁽²⁾



BMS Bacnet⁽²⁾

Technical specification

Model				Mirai 3,5 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	3517 (1031-4816)
Rated input		Nom. (Min. - Max.)	W	750 (102-1955)
Operating current		Nom. (Min. - Max.)	A	3,3 (0,4-8,5)
Capacity	Heating	Nom. (Min. - Max.)	W	4250 (752-7200)
Rated input		Nom. (Min. - Max.)	W	924 (104-2625)
Operating current		Nom. (Min. - Max.)	A	4,1 (0,4-11,4)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	3,5
SEER			W/W	9,2
Energy efficiency class, cooling				A+++
Annual electric energy consumption, cooling			kWh/a	133
Design load in heating mode (Tbiv -7°C)			kW	2,2
SCOP			W/W	5,3
Energy efficiency class, heating				A+++
Annual electric energy consumption, heating			kWh/a	620
Dehumidification			l/h	1,2
Maximum energy consumption			W	2950
Maximum operating current			A	12,8
Indoor unit				M35Xi R15
EAN product code				5905567600852
Fan speed	H / M / L / S	rpm	1250 / 1120 / 1050 / 690 / 630 / 580	
Air flow	H / M / L / S	m³/h	590 / 530 / 450 / 360 / 300 / 230	
Sound pressure level	H / M / L / S	dB(A)	43 / 38 / 34 / 28 / 24 / 21	
Sound power level		dB(A)	59	
Rated input		W	23	
Operating current		A	0,2	
Net dimensions	W × D × H	mm	895 × 248 × 298	
Gross dimensions	W × D × H	mm	985 × 370 × 345	
Net weight / Gross weight		kg	13 / 17,1	
Condensate drain		mm	16	
Outdoor unit				M35Xo R15
EAN product code				5905567600869
Fan speed	H / M / L	rpm	850 / 750 / 450	
Maximum air flow		m³/h	2350	
Sound pressure level		dB(A)	56	
Sound power level		dB(A)	60	
Net dimensions	W × D × H	mm	805 × 330 × 554	
Gross dimensions	W × D × H	mm	915 × 370 × 615	
Bracket spacing	W × D	(mm)	511 × 317	
Net weight / Gross weight		kg	28,4 / 31	
Refrigerant	Type		R32	
	GWP		675	
	≤ 5m	kg	0,90	
		TCO ₂ eq	0,607	
	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	B16	
Power cables: outdoor unit		pcs × mm²	3 × 1,5	
Control and power cables: indoor unit - outdoor unit		pcs × mm²	5 × 1,5	
Control and power cables: hiro unit - indoor unit		pcs × mm²	4 × 1,5	
Indoor operating range (cooling / heating)		°C	16~32 / 0~30	
Outdoor operating range (cooling / heating)		°C	-25-50 / -30~30	
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; S - Silent;