

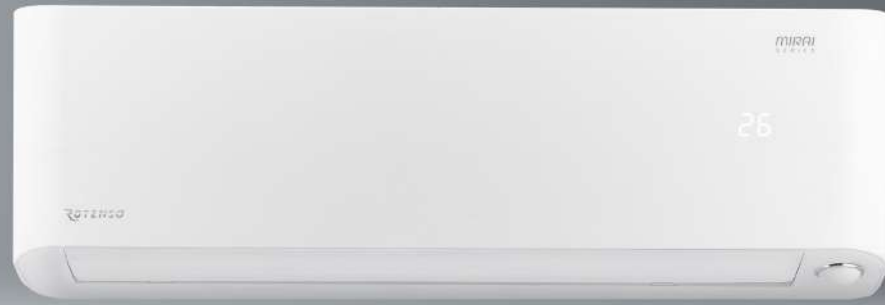
Wall-mounted air conditioner

Mirai M35X ^[R15]

S-LINE

HP LINE

HR LINE



- SCOP 5,3
- Wi-Fi
- 30°C
- Automatic cleaning
- Coil protection
- Coil protection
- 5 year WARRANTY
- PZH CERTIFICATE

DEDICATED TO HEATING

1:1 SINGLE

1:X MULTI

Unit features



Digital DC Inverter SKY[®]



Automatic cleaning iAIR ⁽¹⁾



Super Ionizer iAIR



Silver Ion iAIR filter



Antibacterial HEPA iAIR filter



Electrostatic HD iAIR filter



Super Silent eMOTO mode ⁽¹⁾



Automatic 4D louvres



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 control



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 (T _{biv} -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
EAN product code				5905567600852
Fan speed	T / H / M / L / ML / S		rpm	1250 / 1120 / 1050 / 690 / 630 / 580
Air flow	T / H / M / L / ML / S		m ³ /h	590 / 530 / 450 / 360 / 300 / 230
Sound pressure level	T / H / M / L / ML / S		dB(A)	45 / 40 / 36 / 30 / 23 / 21
Sound power level			dB(A)	59
Rated input			W	50
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
EAN product code				5905567600869
Fan speed	H / M / L		rpm	850 / 750 / 450
Maximum air flow			m ³ /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 _{2eq}	0,61
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	C10
Power cables: outdoor unit			pcs × mm ²	3 × 1,5
Control and power cables: indoor unit - outdoor unit			pcs × mm ²	5 × 1,5
Control and power cables: hiro unit - indoor unit			pcs × mm ²	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				•
1:X MULTI N				
1:X MULTI HP				•
1:X MULTI HR				•