

# Wall-mounted air conditioner

Fresh FH35X <sup>[R15]</sup>



- SCOP 4,6
- Wi-Fi
- 22°C
- Compressor winding heating
- 4D
- Filter
- 5 year WARRANTY
- PZH CERTIFICATE

**1:1**  
SINGLE

## Unit features



Digital DC Inverter SKY<sup>®</sup>



Automatic cleaning iAIR



Automatic purification iClean



Fresh air supply



UV lamp



Electrostatic HD iAIR filter



E12 class EPA filter



Super Silent eMOTO mode



Automatic 4D louvres



Louvre 180°



Windless eMOTO mode



Turbo eMOTO mode



Air supply eMOTO control system



Eco eMOTO mode



Wide-angle eMOTO air supply



SMART wi-fi



SMART twilight sensor <sup>(1)</sup>



SMART panel display ON/OFF



SMART Follow mode



Wireless remote control



SMART heating to 8°C



Louvre setting memory



Auto restart memory



Anti-corrosive gold fins



Compressor winding heating



Silence mode



Timer



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



Heating at low outdoor temp. down to -22°C



Double-sided condensate drainage



Self-diagnostics



Sleep mode



Energy optimization

# Technical specification

Model				Fresh 3,5 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	3530 (1109-4423)
Rated input		Nom. (Min. - Max.)	W	921 (190-1510)
Operating current		Nom. (Min. - Max.)	A	4,0 (0,8-6,5)
Capacity	Heating	Nom. (Min. - Max.)	W	3900 (1008-4508)
Rated input		Nom. (Min. - Max.)	W	994 (192-1750)
Operating current		Nom. (Min. - Max.)	A	4,3 (0,8-7,6)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	3,6
SEER			W/W	8,5
Energy efficiency class, cooling				A+++
Annual electric energy consumption, cooling			kWh/a	148
Design load in heating mode (T <sub>biv</sub> -7°C)			kW	2,7
SCOP			W/W	4,6
Energy efficiency class, heating				A++
Annual electric energy consumption, heating			kWh/a	822
Dehumidification			l/h	1,2
Maximum energy consumption			W	1950
Maximum operating current			A	8,5
Indoor unit				FH35Xi R15
EAN product code				5905567601347
Fan speed	T / H / M / L / ML / S	rpm	1220 / 1070 / 900 / 780 / 700 / 600	
Air flow	T / H / M / L / ML / S	m³/h	581 / 542 / 474 / 405 / 295 / 205	
Sound pressure level	T / H / M / L / ML / S	dB(A)	41 / 37 / 32 / 24 / 21 / 18	
Sound power level		dB(A)	55	
Rated input		W	26	
Operating current		A	0,1	
Net dimensions	W × D × H	mm	960 × 198 × 316	
Gross dimensions	W × D × H	mm	1035 × 360 × 390	
Net weight / Gross weight		kg	13 / 15	
Condensate drain		mm	16	
Outdoor unit				FH35Xo R15
EAN product code				5905567600883
Fan speed	H / M / L	rpm	825 / 720 / 480	
Maximum air flow		m³/h	2200	
Sound pressure level		dB(A)	51	
Sound power level		dB(A)	61	
Net dimensions	W × D × H	mm	795 × 305 × 551	
Gross dimensions	W × D × H	mm	835 × 328 × 575	
Bracket spacing	W × D	(mm)	434 × 278	
Net weight / Gross weight		kg	26,5 / 29,5	
Refrigerant	Type		R32	
	GWP		675	
	≤ 5m	kg	0,8	
		TCO <sub>2</sub> eq	0,544	
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 × mm²	3 × 1,5
Control and power cables: indoor unit - outdoor unit			pcs × mm²	4 × 1,5
Control and power cables: hiro unit - indoor unit			pcs × mm²	-
Indoor operating range (cooling / heating)			°C	16~32 / 0~30
Outdoor operating range (cooling / heating)			°C	-15~53 / -22~30
Compatible systems				
1:1 SINGLE				•
1:2 DUAL				
1:X MULTI				