

HIGH WALL -25 °C - single split air conditioners

MAIN FEATURES



(Standard)
Infrared remote
controller



(Optional)
Wired controller with
weekly timer



A⁺⁺ Cooling

A⁺ Heating (average season)

A⁺⁺⁺ Heating (warmer season)

Model		Code	Nominal (min.-max.) cooling capacity (kW)	Nominal (min.-max.) heating capacity (kW)
Indoor unit model	X3I ECO PLUS 27 HL WF LH	398000852	2.70 (0.80-3.80)	3.00 (0.90-4.25)
Outdoor unit model	X3I ECO PLUS 27 SH LH	398000853		
Indoor unit model	X3I ECO PLUS 35 HL WF LH	398000854	3.51 (0.90-4.40)	3.81 (0.90-4.70)
Outdoor unit model	X3I ECO PLUS 35 SH LH	398000855		

HEATING OPERATION DOWN TO VERY LOW OUTDOOR TEMPERATURES

This range can work in heating even with low outdoor temperatures, down to -25 °C, thanks to the heating element in the bottom of the outdoor unit. It is suitable for harsh climates.

TECHNICAL DATA

MODEL		X3I ECO PLUS 27 LH		X3I ECO PLUS 35 LH	
Indoor unit		X3I ECO PLUS 27 HL WF LH		X3I ECO PLUS 35 HL WF LH	
Outdoor unit		X3I ECO PLUS 27 SH LH		X3I ECO PLUS 35 SH LH	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	2.70 (0.80-3.80)	3.00 (0.90-4.25)	3.51 (0.90-4.40)	3.81 (0.90-4.70)
	BTU/h	9200	10240	12000	13000
EER/COP (EN14511)		3.89	4.29	3.65	4.00
Design Load [Pdesign c/Pdesign h (Average/Warmer/Colder)] (EN14825)*	kW	2.7	2.7/3.0/4.0	3.5	3.2/3.3/4.5
Seasonal efficiency ratio [SEER/SCOP (Average/Warmer/Colder)] (EN14825)*		7.5	4.2/5.3/3.4	7.1	4.1/5.2/3.1
Energy efficiency class*		A++	A+/A+++/A	A++	A+/A+++/A
Annual energy consumption [C/H (Average/Warmer/Colder)]*	kWh/annum	126	900/729/2471	173	1093/888/3048
Air flow rate indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	m³/h	610-570-540-470-440-420-390		700-650-600-540-480-420-360	
Dehumidification	l/h	0.8		1.4	
Fan speeds (Indoor/Outdoor)	n°	7/2		7/2	
Sound pressure Indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	dB(A)	38-36-34-31-29-27-25		42-38-35-32-29-27-25	
Sound pressure Outdoor (h.)	dB(A)	50		52	
Sound power Indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	dB(A)	54-48-46-43-41-39-37		57-50-47-44-41-39-37	
Sound power Outdoor (h.)	dB(A)	61		63	
Power supply	V/Ph/Hz	220-240V~/1/50		220-240V~/1/50	
Power input nominal (min.-max)	kW	0.695 (0.10-1.30)	0.700 (0.15-1.40)	0.962 (0.22-1.40)	0.953 (0.22-1.55)
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32		R32	
Refrigerant charge	kg/T.CO ₂ eq.	0.53/0.357		0.57/0.384	
Liquid pipe diameter	mm (inch)	6.35 (1/4")		6.35 (1/4")	
Gas pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Min.-max. pipe lenght with gas standard charge	m	3-5		3-5	
Max. pipe lenght	m	15		20	
Additional refrigerant charge	g/m	16		16	
Max. height between units (outdoor on top)	m	10		10	
Max. height between units (indoor on top)	m	10		10	
Net dimension Indoor (H./W./D.)	mm	289/845/209		289/845/209	
Net dimension Outdoor (H./W./D.)	mm	555/732/330		555/732/330	
Net weight Indoor/Outdoor	kg	10.5/24.5		11/24.5	

OPERATING RANGE: outdoor temperature

Cooling mode: from -15 °C to +50 °C

Heating mode: from -25 °C to +30 °C

RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and fans, and EU Regulation no. 626/2011, concerning the energy labelling of energy consumption of air conditioners.