

high wall -22°C

single split air conditioners



(Standard)
Infrared remote control



(Optional)
Wired controller

heating operation down to very low outdoor temperatures

This range can work in heating even with low outdoor temperatures, down to -22°C, thanks to the heating element in the bottom of the outdoor unit. It is suitable for harsh climates.

energy class

- A⁺⁺** Cooling
- A⁺** Heating (average season)
- A⁺⁺⁺** Heating (warmer season)

 Sleep comfort mode	 3D airflow	 Cold air prevention	 LED	 Timer	 Intelligent defrosting	 Auto ⁺ X-fan	 "Turbo" function	 Auto diagnosis	 Auto restart memory	 7 Fan speeds
 Single & multi compatible	 -22°C Min. temp. heating	 -15°C Min. temp. cooling	 8°C heating	 iFeel	 Save energy	 Child lock	 Wifi control	 Cold plasma	 Wired controller (optional)	 Door control (optional)

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 capacity (min.-max.) (EN14511)	kW	2,7 (0,45-3,5)	2,8 (0,45-4,2)	3,5 (0,70-4,00)	3,67 (0,80-4,50)	
	BTU/h	9200	9600	12000	12600	
EER/COP (EN14511)		3,29	3,71	3,23	3,71	
Design Load (Pdesign c/Pdesign h) (Average/Warmer/Colder) (EN14825)*	kW	2,7	2,6/2,8/2,7	3,5	3,0/3,5/4,5	
Seasonal efficiency ratio (SEER/SCOP (Average/Warmer/Colder) (EN14825)*		6,8	4,0/5,1/3,2	7,00	4,0/5,1/3,2	
Energy efficiency class*		A++	A+/A+++/B	A++	A+/A+++/B	
Annual energy consumption C/H (Average/Warmer/Colder)*	kWh/annum	139	910/769/1772	175	1050/961/2953	
Air flowrate indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	m ³ /h	560-490-460-430-380-330-290		680-620-560-490-450-420-390		
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)	41-37-35-32-29-26-24		42-38-35-32-30-28-26		
Sound pressure Outdoor (h.)	dB(A)	50		53		
Sound power Indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	dB(A)	55-48-46-44-40-37-35		57-50-47-44-42-40-38		
Sound power Outdoor (h.)	dB(A)	59		62		
Power supply	V/Ph/Hz	220-240/1/50		220-240/1/50		
Power input nominal (min.-max)	kW	0,82 (0,09-1,40)	0,755 (0,16-1,50)	1,085 (0,09-1,45)	0,990 (0,18-1,50)	
Compressor type		Rotary DC Inverter		Rotary DC Inverter		
Refrigerant type/GWP		R32/675		R32/675		
Refrigerant charge	kg/T.CO ₂ eq.	0,55/0,371		0,7/0,473		
Liquid pipe diameter	mm (")	6,35 (1/4")		6,35 (1/4")		
Gas pipe diameter	mm (")	9,52 (3/8")		9,52 (3/8")		
Min.-max. pipe length with gas standard charge	m	3-5		3-5		
Max. pipe length	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	275/790/320		289/845/209		
Net dimension Outdoor (H./W./D.)	mm	540/776/320		596/848/320		
Net weight Indoor/Outdoor	Kg	9/27,5		10,5/31		

OPERATING RANGE: outdoor temperature

Cooling mode: from -15°C to +43°C

Heating mode: from -22°C to +24°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 comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.