

**NEW**

# X3 PLUS EVO LH (- 25 °C)

## HIGH-WALL - single split air conditioners

### MAIN FEATURES



**IRC1F7W**  
(Standard)  
Infrared remote controller X3



**SWC76S** (Optional)  
**398100674**  
Wired controller with weekly timer



**SWC52V 398800104**  
or **SWC58V TBD**  
(Optional)  
Centralized controller up to 36 units (it requires wired controller)

Pure white color with matt finish for the panel - LCD display on the right side, also deactivable

3 sleep modes	3D airflow	Cold air prevention	LED	Timer	Intelligent defrosting	Auto+ X-fan	Turbo "Turbo" function	Cold plasma	Auto restart memory	7 fan speeds
Mono&multi compatible	-15 °C Min. temp. heating	-15 °C Min. temp. cooling	8 °C 8 °C heating	iFeel+	Save energy	Child lock	Wifi WiFi control	Google Home Amazon Alexa	Wired controller (optional)	Door control (optional)

**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 PLUS EVO 27 HL WF LH	2.70 (0.50-3.45)	2.80 (0.50-4.00)
Outdoor unit model	X3I PLUS EVO 27 SH LH		
Indoor unit model	X3I PLUS EVO 35 HL WF LH	3.51 (0.90-4.30)	3.81 (0.90-4.70)
Outdoor unit model	X3I PLUS EVO 35 SH LH		
Indoor unit model	X3I PLUS EVO 53 HL WF LH	5.30 (1.00-6.40)	5.60 (1.20-6.80)
Outdoor unit model	X3I PLUS EVO 53 SH LH		
Indoor unit model	X3I PLUS EVO 71 HL WF LH	7.10 (2.00-8.85)	7.80 (1.80-9.45)
Outdoor unit model	X3I PLUS EVO 71 SH LH		

\*EN14511:  
Cooling: outdoor temperature 35 °C D.B./24 °C W.B. - indoor temperature 27 °C D.B./19 °C W.B.  
Heating: outdoor temperature 7 °C D.B./6 °C W.B. - indoor temperature 20 °C D.B./12 °C W.B.

## FAST CONNECTION LONG DISTANCE WiFi, via BLUETOOTH



Thanks to new WiFi integrated module, the unit connection is even faster and easier. With WiFi it's possible to control the units operation via the APP on your smartphone, switch on/off the unit, select the desired mode and temperature, to program your comfort at any time, even when you aren't at home.

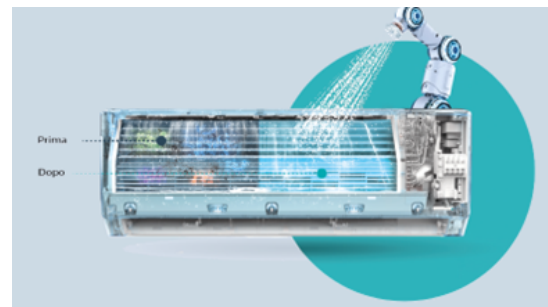
AIR  
CONDITIONERS

## iFEEL+ FUNCTION



The sensor inside the remote controller perceives the temperature in the environment and transmits the signal to the indoor unit. Thus the indoor unit can adjust air flow volume and temperature to grant the comfort exactly where the remote control is placed. **The frequency of these inputs has been increased: this allows you to have a more precise control of temperature in the room.**

## AUTOCLEAN FUNCTION, WITH STERILIZATION



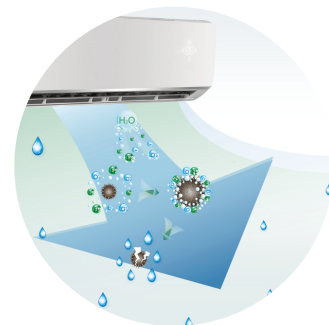
Designed for effective evaporator cleaning, it consists of four phases plus sterilization at 56°C. Evaporator cleaning can be activated whenever desired. The function will sequence condensation, ice formation, defrosting, and drying phases to eliminate all dust and pollutant residues and any traces of condensation. This is followed by a fifth sterilization phase in which the evaporator unit is kept at a temperature of 56°C for at least 10 minutes. This will ensure that clean air is always introduced into the room and maintain the efficiency of the heat exchanger.

## INTELLIGENT AUTO RESTART



**Comfort is granted continuously, even when the power fails.** After power failure, the unit automatically restarts keeping last function settings. (Memory function)

## COLD PLASMA PURIFICATION SYSTEM



It grants effective sterilization of air removing over 90% of bacteria. It removes odors. The air quality is improved thanks to the emission of many negative oxygen ions.

# TECHNICAL DATA

MODEL		X3I PLUS EVO 27		X3I PLUS EVO 35	
Indoor unit model		X3I PLUS EVO 27 HL WF		X3I PLUS EVO 35 HL WF	
Outdoor unit model		X3I PLUS EVO 27 SH		X3I PLUS EVO 35 SH	
		Units	Units	Units	Units
		Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	2.70 (0.50-3.45)	2.80 (0.50-4.00)	3.51 (0.90-4.30)	3.81 (0.90-4.70)
	BTU/h	9200	9560	12000	13000
EER/COP (EN14511)		3.80	4.24	3.65	4.00
Design Load [Pdesign c/Pdesign h (Average/Warmer/Colder)] (EN14825)*	kW	2.7	2.6/2.8/-	3.5	3.2/3.3/4.5
Seasonal efficiency ratio [SEER/SCOP (Average/Warmer/Colder)] (EN14825)*		7.0	4.2/5.2/-	7.1	4.1/5.2/3.1
Energy efficiency class*		A++	A+/A+++/-	A++	A+/A+++/B
Annual energy consumption [C/H (Average/Warmer/Colder)]*	kWh/annum	135	867/754/-	173	1093/888/3048
Air flow rate indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	m <sup>3</sup> /h	550-520-480-400-340-310-280		650-580-530-440-380-330-310	
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)	41-38-36-33-29-26-22-21 (Quiet)		43-39-37-34-31-28-25-22 (Quiet)	
Sound pressure Outdoor (h.)	dB(A)	51		52	
Sound power Indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	dB(A)	57-52-50-47-43-40-36-34(Quiet)		59-51-49-46-43-40-37-35 (Quiet)	
Sound power Outdoor (h.)	dB(A)	61		62	
Power supply	V/Ph/Hz	220-240V~/1/50		220-240V~/1/50	
Power input nominal (min.-max)	kW	0.710(0.15-1.20)	0.660 (0.17-1.50)	0.962 (0.12-1.50)	0.953 (0.18-1.80)
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type		R32		R32	
Refrigerant charge	kg/T.CO <sub>2</sub> eq.	0.50/0.338		0.55/0.371	
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		15	
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	260/810/190		276/874/206	
Net dimension Outdoor (H./W./D.)	mm	555/732/330		555/732/330	
Net weight Indoor/Outdoor	kg	8.0/23.5		9.0/25.5	

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

\*Preliminary 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.

MODEL		X3I PLUS EVO 53		X3I ECO PLUS 71		
Indoor unit model		X3I PLUS EVO 53 HL WF		X3I PLUS EVO 71 HL WF		
Outdoor unit model		X3I PLUS EVO 53 SH		X3I PLUS EVO 71SH		
		Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	5.30 (1.00-6.40)	5.60 (1.20-6.80)	7.10 (2.00-8.85)	7.80 (1.80-9.45)	
	BTU/h	18084	19100	24200	26600	
EER/COP (EN14511)		3.53	4.02	3.50	3.90	
Design Load [P <sub>design c</sub> /P <sub>design h</sub> (Average/Warmer/Colder)] (EN14825)*	kW	5.3	4.2/4.3/5.0	7.1	5.6/5.7/6.3	
Seasonal efficiency ratio [SEER/SCOP (Average/Warmer/Colder)] (EN14825)*		7.3	4.2/5.6/3.4	7.0	4.2/5.4/3.4	
Energy efficiency class*		A++	A+/A+++/A	A++	A+/A+++/A	
Annual energy consumption [C/H (Average/Warmer/Colder)]*	kWh/annum	254	1400/1075/3088	355	1867/1478/3891	
Air flow rate indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	m <sup>3</sup> /h	1000-960-870-810-720-640-600		1250-1100-1000-950-900-850-800		
Dehumidification	l/h	1.8		2.4		
Fan speeds (Indoor/Outdoor)	n°	7/2		7/2		
Sound pressure Indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	dB(A)	47-45-43-41-35-30-28		48-44-41-40-38-37-35		
Sound pressure Outdoor (h.)	dB(A)	56		59		
Sound power Indoor (sh.-h.-mh.-m.-ml.-l.-sl.)	dB(A)	60-58-56-54-48-44-41		64-59-56-55-53-51-48		
Sound power Outdoor (h.)	dB(A)	65		70		
Power supply	V/Ph/Hz	220-240V~/1/50		220-240V~/1/50		
Power input nominal (min.-max)	kW	1.501(0.10-2.30)	1.393 (0.20-2.35)	2.030 (0.45-2.90)	2.000 (0.35-3.00)	
Compressor type		Rotary DC Inverter		Rotary DC Inverter		
Refrigerant type/GWP		R32/675		R32/675		
Refrigerant charge	kg/T.CO <sub>2</sub> eq.	0.85/0.574		1.5/1.0125		
Liquid pipe diameter	mm (inch)	6.35 (1/4")		6.35 (1/4")		
Gas pipe diameter	mm (inch)	12.7 (1/2")		15.88 (5/8")		
Min.-max. pipe length with gas standard charge	m	3-5		3-5		
Max. pipe length	m	25		25		
Additional refrigerant charge	g/m	16		40		
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	333/978/248		333/1078/246		
Net dimension Outdoor (H./W./D.)	mm	555/802/350		660/958/402		
Net weight Indoor/Outdoor	kg	13.5/31.5		15/41.5		

OPERATING RANGE: outdoor temperature  
 Cooling mode: from -15 °C to +50 °C  
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 RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C

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N.B. The manufacturer assumes no responsibility for any errors or inaccuracies regarding the contents of this catalogue, and reserves the right to make any necessary changes to its products, at any time and without prior notice, for technical or commercial reasons.