STELVIO 27M ÷ 35M

Wi-Fi READY

CONTROL SYSTEM
SPLIT   VRF

24 dB(A)
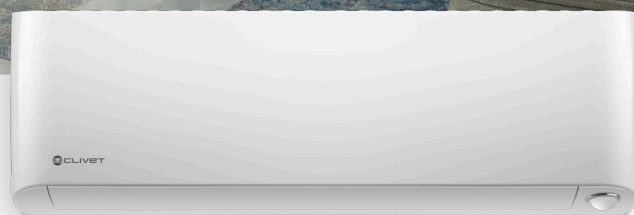
▶A+++
▶A+++

SINGLESplit with hiwall indoor unit

WHY CHOOSE STELVIO?

✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant

✓ Extremely extended operating ranges: Heating -30°C ÷ +30°C; Cooling -15°C ÷ +50°C

✓ Humidity management: the unit dehumidifies according to the customer's humidity setting

✓ Comfort in any situation thanks to the "Intelligent Eye" sensor

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ULTRA-HIGH ENERGY EFFICIENCY

STELVIO is equipped with ultra-high energy efficiency technology, which makes it one of the most efficient air conditioners on the market. Unsurpassed comfort, with low electricity consumption and related costs.
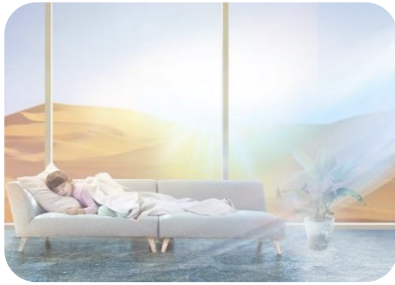
	SCOP	SEER
	5.3	9.2

EXTREMELY EXTENDED OPERATING RANGE
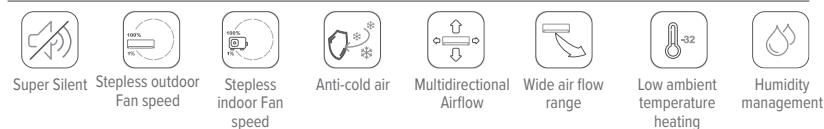
50°C

-30°C

HUMIDITY MANAGEMENT

The unit is now equipped with a humidity probe that allows it to manage the new humidity management function. You can set a relative humidity in intervals of ±5%, in a range of 35÷85%: if the set is lower than the value detected by the probe, the unit will start dehumidifying.
The function is also available from the App.
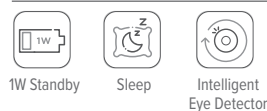
INTELLIGENT EYE SENSOR

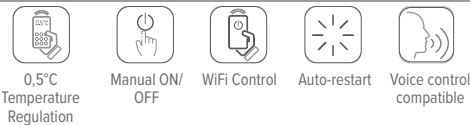Airflow **follows** people   or   Airflow **avoids** people

No movement for 30 minutes: **dampens** operation

No movement for 2 hours: **stand-by**

New movement: **restarts** at the last settings

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COMFORT

Super Silent | Stepless outdoor Fan speed | Stepless indoor Fan speed | Anti-cold air | Multidirectional Airflow | Wide air flow range | Low ambient temperature heating | Humidity management

ENERGY SAVING

1W Standby | Sleep | Intelligent Eye Detector

RELIABILITY

Self-diagnosis Function | Emergency Function | Compressor Heating Belt | Opposite fan rotation

HEALTH

High Density filter | Cold Catalyst filte | Self-Cleaning

CONVENIENCE

0,5°C Temperature Regulation | Manual ON/OFF | WiFi Control | Auto-restart | Voice control compatible

OPTIONAL

Wired controller | Central Control Management | BMS Communication | Remote On/Off | Error Alarm Port

Wi-Fi *NWMX (standard)*

WIRED REMOTE CONTROL KJR-120X1-TFBG-E *(optional) (necessary kit MBLCX)*

REMOTE CONTROL *RG10P1-G2HS-BGEF (standard)*

IH2-Y

MH2-Y

technical data

Set				27M	35M
Cooling capacity	Standard (Min.÷Max.)		Btu/h	9.000 (3.400÷14.200)	12.000 (3.500÷16.400)
	Standard (Min.÷Max.)		kW	2,60 (1,00÷4,20)	3,50 (1,00÷4,80)
Heating capacity	Standard (Min.÷Max.)		Btu/h	14.000 (2.600÷23.900)	14.500 (2.600÷24.600)
	Standard (Min.÷Max.)		kW	4,10 (0,80÷7,00)	4,20 (0,80÷7,20)
Standard power supply	Cooling (Min.÷Max.)		W	483 (87÷1.955)	748 (102÷1.955)
	Eating (Min.÷Max.)		W	834 (104÷1.955)	924 (104÷2.625)
Rated current input	Cooling (Min.÷Max.)		A	2,10 (0,40÷8,50)	3,25 (0,40÷8,50)
	Eating (Min.÷Max.)		A	3,60 (0,45÷8,50)	4,01 (0,45÷11,4)
Seasonal efficiency[1]	Cooling	Energy class	-	A+++	A+++
		Design load (Pdesign)	kW	3,00	3,50
		SEER	-	9,20	9,20
		Annual energy consumption	kWh/a	130	130
	Heating Average season	Energy class	-	A+++	A+++
		Design load (Pdesign)	kW	2,20	2,20
		SCOP	-	5,30	5,30
		Annual energy consumption	kWh/a	620	620
	Heating Warmer season	Energy class	-	A+++	A+++
		SCOP	-	6,00	6,00
Standard efficiency[2]	EER		-	5,38	4,68
	COP		-	4,92	4,55

Indoor unit		IH2-Y		27M	35M
Article code				87012278	87022241
Dimensions	Unit	L x D x H	mm	895x248x298	895x248x298
	Packaging	L x D x H	mm	985x370x350	985x370x350
System weight	Unit/Packaging		kg	12,7/17,5	12,7/17,5
Air filter	Type		-	CCF	
Airflow		Hi/Mid/Lo	m³/h	575/497/340	575/497/340
Dehumidification capacity			l/h	1,00	1,20
Sound power		Hi	dB(A)	59	59
Sound pressure level		Hi/Mid/Lo	dB(A)	43/34/24	43/34/24
Control systems	Infrared remote control		-	RG10P1-G2HS-BGEF	
	Settable temperature		°C	16÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	

Outdoor unit		MH2-Y		27M	35M
Article code				87012280	87022243
Dimensions	Unit	L x D x H	mm	805x330x554	805x330x554
	Packaging	L x D x H	mm	915x370x615	915x370x615
System weight	Unit/Packaging		kg	32,3/34,8	32,3/34,8
Sound power		Nominal	dB(A)	60	60
Sound pressure level		Nominal	dB(A)	55,5	55,5
Operating range	Cooling	Indoor T.	°C	16÷32	
		Outdoor T.	°CBS	-15÷50	
	Heating	Indoor T.	°C	0÷30	
		Outdoor T.	°CBU	-30÷30	
Refrigerant	Type/GWP		-	R-32 / 675	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	

[1] SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.
[2] EER/COP values declared only for tax deductions in force at the time this document was written.
CCF = Cold Catalyst Fan speed: Hi=High; Mid=Medium; Lo=Low; Si=Silent

Test conditions: according to EN14511 / EN12102
Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.
Data declared according to UE 626/2011 delegated regulation

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refrigerant piping and connections

Set			27M	35M
Max equivalent length		m	25	25
Max difference in level ODU / IDU		m	±10	±10
Refrigerant precharge		kg / m	0,90 / 5	0,90 / 5
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"

electrical connections

Set			27M	35M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G
IDU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G
	Signal	no. of cables	2	2

accessoires

Standard

RG10P1-G2HS-BGEF	Infrared remote control for STELVIO indoor units
NWMX	Wi-fi kit for indoor units

Optionals

MBLCX	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway)
	The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously
Control systems	(learn more at Control System page)