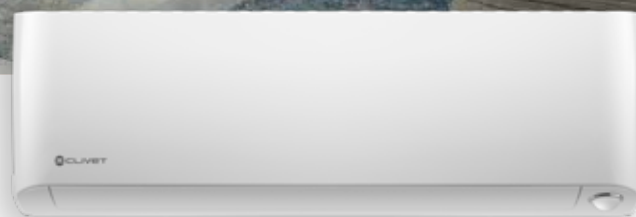


# STELVIO 27M÷35M

Single Split



▶A+++  
▶A+++



## Single Split 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  $-30^{\circ}\text{C} \div +30^{\circ}\text{C}$ ; Cooling  $-15^{\circ}\text{C} \div +50^{\circ}\text{C}$ )

Humidity management: the unit dehumidifies according to the customer's humidity setting. <sup>NEW</sup>

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

## 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

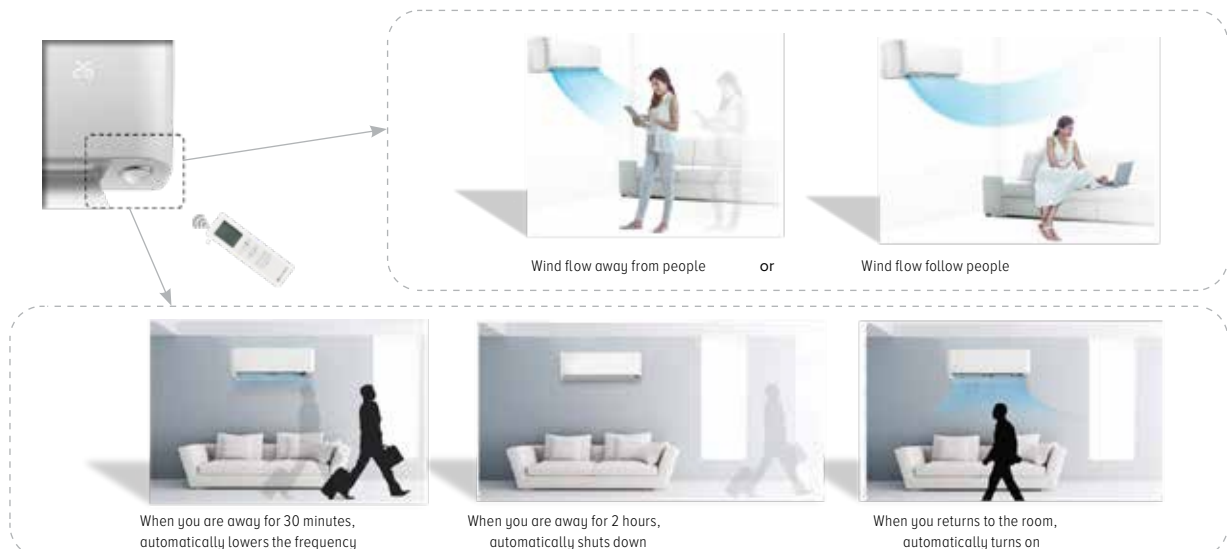
-30°C



## HUMIDITY MANAGEMENT



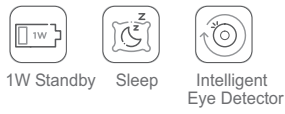
The unit is now equipped with a humidity probe that allows it to manage the new humidity management function. You can set a relative humidity in intervals of  $\pm 5\%$ , in a range of 35÷85%: if the set is lower than the value detected by the probe, the unit will start dehumidifying. The function is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



COMFORT



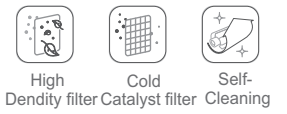
ENERGY SAVING



RELIABILITY



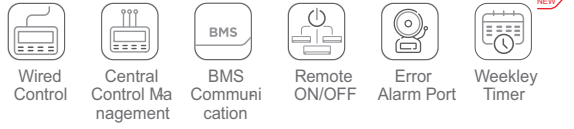
HEALTH



CONVENIENCE



OPTIONAL



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		2,6 (1,0~4,2)	3,5 (1,0~4,8)
Heating capacity	Standard (Min.~Max.)	Btu/h		14.000 (2.600~23.900)	14.500 (2.600~24.600)
	Standard (Min.~Max.)	kW		4,1 (0,8~7,0)	4,2 (0,8~7,2)
Standard power input	Cooling (Min.~Max.)	W		483 (87~1.955)	748 (102~1.955)
	Heating (Min.~Max.)	W		834 (104~1.955)	924 (104~2.625)
Rated current input	Cooling (Min.~Max.)	A		2,1 (0,4~8,5)	3,25 (0,4~8,5)
	Heating (Min.~Max.)	A		3,6 (0,45~8,5)	4,01 (0,45~11,4)
Seasonal efficiency	Cooling	Energy efficiency class	-	A+++	A+++
		Design load (Pdesign)	kW	3,0	3,5
	SEER	-	9,20	9,20	
	Annual energy consumption	kWh/a	130	130	
	Energy efficiency class	-	A+++	A+++	
Heating	Design load (Pdesign)	kW	2,2	2,2	
	SCOP	-	5,30	5,30	
	Annual energy consumption	kWh/a	620	620	
Warmer season	Energy efficiency class	-	A+++	A+++	
	SCOP	-	6,00	6,00	
Standard efficiency	EER	-	5,38	4,68	
	COP	-	4,92	4,55	

Indoor unit		IH2-Y		27M	35M
Configuration code	Unit	L x D x H	mm	AAK9Q10001	AAK9Q20001
Dimensions	Packaging	L x D x H	mm	895x248x298	895x248x298
	Unit/Packaging		kg	12,7/17,5	12,7/17,5
Weight	Type		-	CCF	CCF
Air filter		Hi/Mid/Lo	m <sup>3</sup> /h	575/497/340	575/497/340
Dehumidification capacity			l/h	1,0	1,2
Sound power level		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	17~30	17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1

Outdoor unit		MH2-Y		27M	35M
Configuration code	Unit	L x D x H	mm	AANHQ10001	AANHQ20001
Dimensions	Packaging	L x D x H	mm	805x330x554	805x330x554
	Unit/Packaging		kg	32,3/34,8	32,3/34,8
Weight		Nominal	dB(A)	60	60
Sound power level		Nominal	dB(A)	55,5	55,5
Operating range	Cooling	Indoor T.	°C	16~32	16~32
		Outdoor T.	°CBS	-15~50	-15~50
	Heating	Indoor T.	°C	0~30	0~30
Outdoor T.		°CBU	-30~30	-30~30	
Refrigerante	Type/GWP		-	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1
Current - 50Hz	Maximum fuse range (MFA)		A	20	20

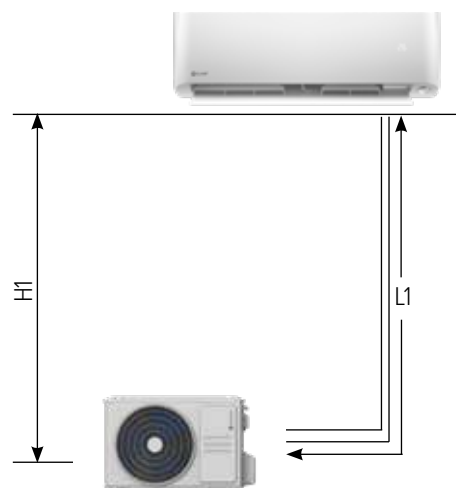
<sup>1</sup>SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

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

## refrigerant piping and connections

Set			27M	35M
Max equivalent length	L1	m	25	25
Max difference in level ODU / IDU		m	±10	±10
Refrigerant precharge		kg / m	0,90 / 5	0,90 / 5
		CO <sub>2</sub> tons	0,61	0,61
Additional refrigerant charge		g/m	12	12
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"



Single Split

## electrical connections

Set			27M	35M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
	Signal	no. of cables / section	2 x 1,5 mm <sup>2</sup> G	2 x 1,5 mm <sup>2</sup> G
IDU	Power supply	V/Hz/n°	from ODU	from ODU
	Signal	no. of cables / section	2 x 1,5 mm <sup>2</sup> G	2 x 1,5 mm <sup>2</sup> G

## accessories

Standard	
<b>RG10P1-G2HS-BGEF</b>	Infrared remote control for STELVIO indoor units of 2022 range
<b>NWMX</b>	Wi-fi kit for indoor units
Optionals	
<b>MBLCX</b>	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously
<b>Control systems</b>	(learn more at Control System page)