STELVIO 27M÷35M

MONOSplit

Wi-Fi READY

CONTROL SYSTEM SPLIT VRF

20 dB(A)

R-32

A+++

A+++

MONOSplit 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 *NEW*

Extremely extended operating ranges (Heating -30÷+30°C ; Cooling -25÷+50°C)

Top-level seasonal efficiency

Comfort in any situation thanks to the “Intelligent Eye” sensor

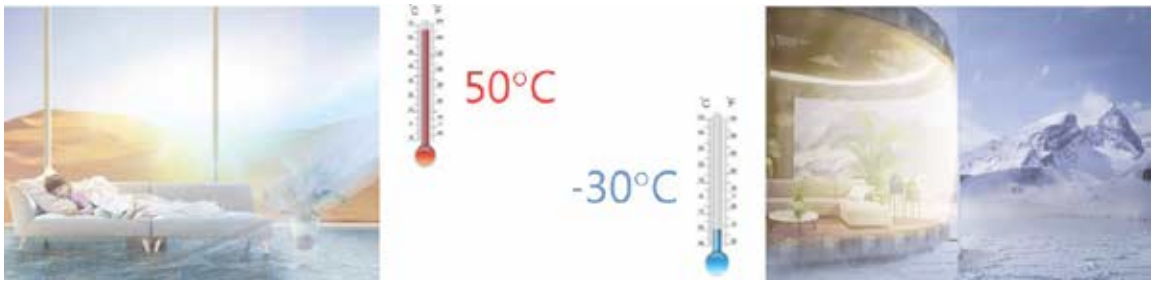
CLIVET

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



TECHNICAL ROOM AIR-CONDITIONING

The outdoor fan speed is controlled according to the condenser temperature and the system can run smoothly under the temperature as low as -25°C, maintaining optimum performance.
This makes STELVIO also ideal for applications such as CED / SALE SERVER.

INTELLIGENT EYE SENSOR

COMFORT

Follow Me · Turbo · Mute Operation · Silent · Stepless indoor Fan speed · Stepless outdoor Fan speed · Anti-cold air Function · Temperature Compensation · Multidirectional Airflow · High Air Outlet Temperature · Auto swing · Long-Distance Windblast · Stepless Control Compressor · Ultra-low ambient Heating

ENERGY SAVING

1W Standby · Sleep Mode · Intelligent Eye Detector

RELIABILITY

Refrigerant Leakage Detect · Self-diagnosis Function · Emergency using · Autodefrosting · Low ambient coolingt · Chasis Heating Belt · Compressor Heating Belt

HEALTH

High Dendity filter · Cold Catalyst filter · Self-Cleaning

CONVENIENCE

2-way Draining · Timer · 0,5° Temperature Control · Manual ON/OFF · Wi-Fi control · Louer Position Control · Auto Restart Function · Voice control compatible

OPTIONAL

Wired Control · Central Control Management · BMS Communication · Remote ON/OFF · Error Alarm Port

Wi-Fi
NWMX
(standard)

WIRED REMOTE CONTROL
KJR120CI
(optional)
(necessary MBLCX kit)

REMOTE CONTROL
RG66B3
(standard)

IH1-Y

MH1-Y

technical data

Set			**S.IH1+MH1-Y**	**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 (1~4,2)	3,5 (1~4,8)
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)	4,2 (0,8~7,2)
Standard power input	Cooling (Min.~Max.)		W	483 (87~1.955)	750 (102~1.955)
	Heating (Min.~Max.)		W	834 (104~1.955)	943 (104~2.625)
Rated current input	Cooling (Min.~Max.)		A	2,1 (0,4~8,5)	3,3 (0,4~8,5)
	Heating (Min.~Max.)		A	3,6 (0,45~8,5)	4,1 (0,45~11,4)
Seasonal efficiency[1]	Cooling	Energy efficiency class	-	A+++	A+++
		Design load (Pdesign)	kW	2,6	3,5
		SEER	-	9,20	9,00
		Annual energy consumption	kWh/a	99	136
	Heating Average season	Energy efficiency class	-	A+++	A+++
		Design load (Pdesign)	kW	2,4	2,5
		SCOP	-	5,30	5,30
		Annual energy consumption	kWh/a	634	660
	Heating Warmer season	Energy efficiency class	-	A+++	A+++
		SCOP	-	6,30	6,00
Standard efficiency	EER		-	5,38	4,67
	COP		-	4,92	4,45

Indoor unit			**IH1-Y**	**27M**	**35M**
			Configuration code	AAK1Q100-0001	AAK1Q200-0001
Dimensions	Unit	L x D x H	mm	895x248x298	895x248x298
	Packaging	L x D x H	mm	985x370x345	985x370x345
Weight	Unit/Packaging		kg	13 / 17,1	13 / 17,1
Air filter	Type		-	CCF	CCF
Airflow		TBo/SHi/Hi/Mid/Lo/SLo/Si	m³/h	565/500/430/380/285/220	590/530/450/380/310/230
Dehumidification capacity			l/h	1	1,2
Sound power level		Hi	dB(A)	58	59
Sound pressure level		Tbo/SHi/Hi/Mid/Lo/SLo/Si	dB(A)	45/38/33/29/26/23/20	45/40/37/34/31/28/21
Control systems	Infrared remote control		-	RG66A1	RG66A1
	Settable temperature		°C	17~30	17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1

Outdoor unit			**MH1-Y**	**27M**	**35M**
			Configuration code	AAMHQ100-0002	AAMHQ200-0002
Dimensions	Unit	L x D x H	mm	800x333x554	800x333x554
	Packaging	L x D x H	mm	920x390x615	920x390x615
Weight	Unit/Packaging		kg	36,4 / 39,7	36,4 / 39,7
Sound power level		Nominal	dB(A)	59	61
Sound pressure level		Nominal	dB(A)	57	57
Operating range	Cooling	Indoor T.	°C	16~32	16~32
		Outdoor T.	°CBS	-25~50	-25~50
	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

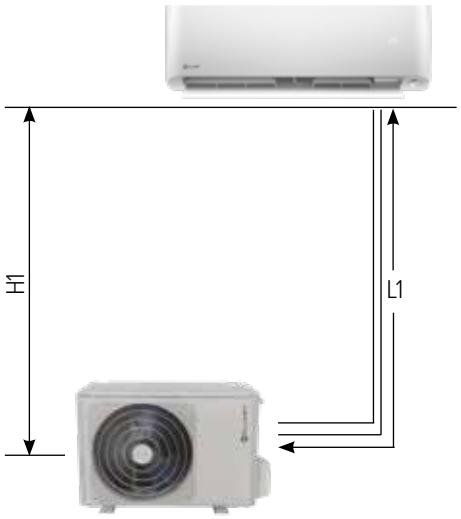
[1] SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

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	H1	m	±10	±10
Refrigerant precharge		kg / m	0,87 / 5	0,87 / 5
		CO_2 tons	0,59	0,59
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"



electrical connections

Set			27M	35M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
		no. of cables / section	2 x 1,5mm² + G	2 x 1,5mm² + G
	Signal	no. of cables / section	2 x 1,5mm²	2 x 1,5mm²
IDU	Power supply	V/Hz/n°	from ODU	from ODU
		no. of cables / section	2 x 1,5mm² + G	2 x 1,5mm² + G
	Signal	no. of cables / section	2 x 1,5mm²	2 x 1,5mm²

accessories

Standard

RG66B3 Infrared remote control for STELVIO indoor units

NWMX Wi-Fi kit for indoor units

Optional

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 System (learn more at Control System page)

REF-DG20I013GB-01

Data contained in this document are not binding and may be changed by the Manufacturer without notice