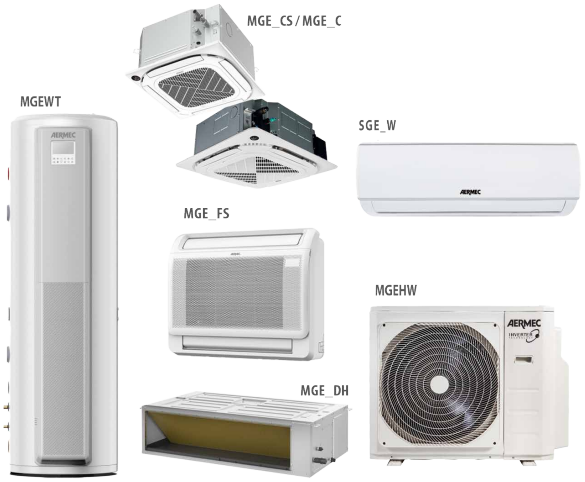
MGEHW

Multisplit

- **R32 ecological refrigerant gas.**
- **Possibility of DHW storage tank Wi-Fi control.**
- **Possibility of AC indoor units Wi-Fi control via accessory.**
- **Achieve maximum energy savings with the new heat recovery multisplit system for domestic hot water.**



CONTO TERMICO

DESCRIPTION

MGEHW it is a multi-split unit that allows effective heat recovery for DHW production using 3 reverse cycle valves.
The multi-split outdoor units of the series MGEHW are combined with indoor units:

— MGEWT Domestic hot water **storage tank**
— SGE_W unit Wall, for wall installation.
— MGE_C_CS unit Cassette for false ceiling installation.
— MGE_FS unit Console, for wall installation.
— MGE_DH unit Duct, for duct type horizontal installation.

TYPE OF OUTDOOR UNIT

MGEHW Outdoor unit

Multisplit air conditioner.
Reversible air/air heat pump with DC inverter technology.

Types

— Can be combined with 1, 2 or 3 indoor units.
— Can be combined with 1, 2 or 3 indoor units and MGEWT domestic hot water storage tank.

General features

— Compressor and fan with DC inverter technology.
— Fitted with an electronic expansion valve.

Special golden fin coil

Unlike normal batteries, this special golden epoxy coating silicon free is able to protect the heat exchanger against rust and corrosion, in areas where the air has a high salt content.



TYPE OF INDOOR UNIT

MGEWT Indoor unit

MGEWT it is a domestic hot water storage tank intended for indoor installation with a room temperature between 5°C and 43°C.



Features

— Unit front panel with LED display and indicator lights and touch screen keyboard.
— Timer for programming switch-off and switch-on.
— WiFi function integrated in the panel.
— Anti-corrosion magnesium anode.
— Supplementary electric resistance for DHW.
— Function quick water heating for a quick heating of domestic hot water
— Auto-restart function.
— When the anti-legionella cycle is activated (it's easily set via the control panel), the whole tank is heated once a week to a temperature (max. 70 °C) that weakens the bacteria responsible for the infection.
— Hybrid function allowing the electric heater and heat pump to work together in heating mode.
— Smart function that records users' hot water usage habits over the last 7 days and switches the heating on in advance based on the user's peak water usage hours.
— SG function (Smart Grid)

Indoor unit SGE_W

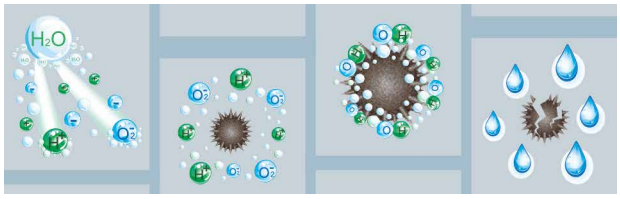
Wall indoor unit designed to be installed on indoor walls.
SGE_W has an elegant and essential design. Its curved lines emphasize a kind of structure with innovative and functional style. The display with working parameters is elegantly integrated in the satin-finish cover and visible only when the unit is on.



Features
- Remote control standard supply with each indoor unit.
- Fan with DC inverter technology.
- Regenerable air filter easy to remove and clean.
- Timer for programming switch-off and switch-on.
- Auxiliary emergency command integrated into the unit.
- Indoor unit front panel with LED display and indicator lights.
- 3-speed fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Turbo** function to attain the desired temperature as quickly as possible.
- **Sleep** night time function well-being program.
- **Anti-freeze** function that allows you to keep an inside minimum temperature of 8 °C in winter.
- **followMe** function for activating the ambient temperature probe inside the remote control, for improved comfort.

Air Purifiers (Cold Plasma)

Capable of reducing pollutants breaking down their molecules using electric discharges, causing the splitting of the water molecules in the air into positive and negative ions. These ions neutralise the molecules of the gaseous pollutants obtaining products that are normally present in clean air. The device can eliminate 90% of bacteria. The result is clean, ionised air that has no bad odours.



MGE_CS - MGE_C Indoor unit

Indoor unit **Cassette** of dimensions 570x570 mm (MGE350CS - MGE500CS) and 830x830 mm (MGE700C) designed to be installed on suspended ceiling indoors.



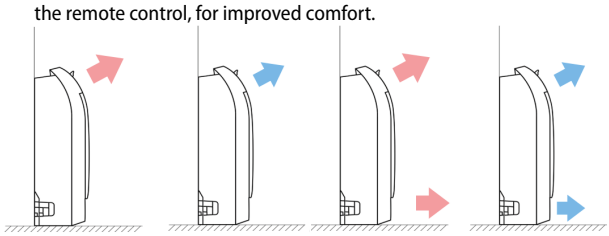
Features
- Remote control standard supply with each indoor unit.
- Fan with DC inverter technology.
- Regenerable air filter easy to remove and clean.
- Timer for programming switch-off and switch-on.
- Auxiliary emergency command integrated into the unit.
- Indoor unit front panel with LED display and indicator lights.
- **4-speed** fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Turbo** function
- Louver angle memory function.
- **Sleep** night time function well-being program.
- Refrigerant Leak Detection System.
- **Anti-freeze** function that allows you to keep an inside minimum temperature of 8 °C in winter.
- **followMe** function for activating the ambient temperature probe inside the remote control, for improved comfort.
- **Dehumidification** function that allows humidity control

MGE_FS Indoor unit

Console indoor unit designed to be installed on indoor floors.



Features
- Remote control standard supply with each indoor unit.
- Fan with DC inverter technology.
- Regenerable air filter easy to remove and clean.
- Timer for programming switch-off and switch-on.
- Auxiliary emergency command integrated into the unit.
- Indoor unit front panel with LED display and indicator lights.
- **4-speed** fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Turbo** function
- Louver angle memory function.
- **Sleep** night time function well-being program.
- Refrigerant Leak Detection System.
- **Anti-freeze** function that allows you to keep an inside minimum temperature of 8 °C in winter.
- **followMe** function for activating the ambient temperature probe inside the remote control, for improved comfort.



MGE_DH Indoor unit

Duct indoor unit designed for indoor duct type installation.



Features
- Remote control standard supply with each indoor unit.
- **WRPE10** wired panel standard supply with each indoor unit.
- Fan with DC inverter technology.
- Timer for programming switch-off and switch-on.
- **4-speed** fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Turbo** function
- **Sleep** night time function well-being program.
- **Anti-freeze** function that allows you to keep an inside minimum temperature of 8 °C in winter.
- **followMe** function for activating the ambient temperature probe inside the remote control, for improved comfort.

General features

- R32 ecological refrigerant gas with low GWP.
- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- Particularly quiet operation.
- Microproccessor control.
- Auto-restart function.
- Self-diagnosis function.
- Refrigerant lines with flared connections.
- Systems with multi-line refrigerant connections, where every indoor unit is connected directly to the outdoor unit via dedicated refrigerant lines.
- Easy installation and maintenance.

Low cooling function
cooling operation with outdoor temperatures down to -15 °C
Low heating function
heating with external temperatures up to -15 °C.

Nethome Plus app

The system offers wi-fi control thanks to the app for iOS and Android devices (available free on Apple Store and Google Play). The system can be controlled from a distance directly on your smartphone or tablet, or via Cloud with the aid of a wireless router connected to the Internet.

— The Wi-Fi module is supplied as per standard for the indoor unit MGEWT
— For indoor units SGE_W, MGE_C_CS, MGE_DH, MGE_FS Wi-Fi management can be supported via specific **accessory**.



ACCESSORIES

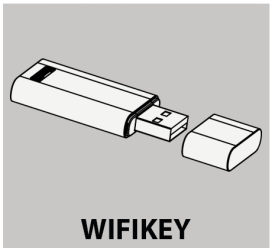
WIFIKEY: Plug & Play module to be installed in the indoor unit for Wi-Fi control.
WRPE10: Wired panel with liquid crystal display and soft-touch buttons.
WRPE10W: Flush panel with LCD display and Soft-Touch keys. It is equipped with WiFi and Bluetooth® connection for better connection stability.
GLE10S: Air supply and flow grid with dimensions (620x620 mm) for cassette internal unit. Mandatory accessory.
GLE10: Air supply and flow grid with dimensions (950x950 mm) for cassette internal unit. Mandatory accessory.











Accessories compatibility

SGE_W

Accessory	SGE200W	SGE250W	SGE350W	SGE500W	SGE700W
WIFIKEY	•	•	•	•	•

MGE_C / CS

Accessory	MGE350CS	MGE500CS	MGE700C
WIFIKEY	•	•	•

Accessory	MGE350CS	MGE500CS	MGE700C
WRPE10	•	•	•
WRPE10W	•	•	•

Accessory	MGE350CS	MGE500CS	MGE700C
GLE10 (1)			•
GLE10S (1)	•	•	

(1) Mandatory accessory.

MGE_DH

Accessory	MGE250DH	MGE350DH	MGE500DH	MGE700DH
WRPE10W	•	•	•	•

Wired panel WRPE10 standard supply.

MGE_FS

Accessory	MGE250FS	MGE350FS	MGE500FS
WIFIKEY	•	•	•

Accessory	MGE250FS	MGE350FS	MGE500FS
WRPE10	•	•	•
WRPE10W	•	•	•

ALLOWED COMBINATIONS OF INDOOR UNITS

Combinations MGEHW - Direct expansion indoor units

Outdoor unit	Combination	Indoor units	Combinations (x1000 Btu/h)		
			Unit A	Unit B	Unit C
MGEHW840	(1x1)	7	7	-	-
		9	9	-	-
		12	12	-	-
		18	18	-	-
	(1x2)	7+7	7	7	-
		7+9	7	9	-
		7+12	7	12	-
		7+18	7	18	
		9+9	9	9	-
		9+12	9	12	-
		9+18	9	18	-
		12+12	12	12	-
		12+18	12	18	-
	(1x3)	7+7+7	7	7	7
		7+7+9	7	7	9
		7+7+12	7	7	12
		7+7+18	7	7	18
		7+9+9	7	9	9
		7+9+12	7	9	12
		7+9+18	7	9	18
		7+12+12	7	12	12
		7+12+18	7	12	18
		9+9+9	9	9	9
		9+9+12	9	9	12
		9+12+12	9	12	12
		12+12+12	12	12	12

Combinations MGEHW - indoor units + MGEWT

Outdoor unit	Combination	Indoor units	Combinations (x1000 Btu/h)			
			Unit A	Unit B	Unit C	D.H.W.
MGEHW840	(1x1) + MGEWT190	7 + MGEWT190	7	-	-	MGEWT190
		9 + MGEWT190	9	-	-	
		12 + MGEWT190	12	-	-	
		18 + MGEWT190	18	-	-	
		24 + MGEWT190	24	-	-	
	(1x2) + MGEWT190	7+12 + MGEWT190	7	12	-	
		7+18 + MGEWT190	7	18	-	
		7+24 + MGEWT190	7	24		
		9+9 + MGEWT190	9	9	-	
		9+12 + MGEWT190	9	12	-	
		9+18 + MGEWT190	9	18	-	
		12+12 + MGEWT190	12	12	-	
		12+18 + MGEWT190	12	18	-	
	(1x3) + MGEWT190	7+7+7 + MGEWT190	7	7	7	
		7+7+9 + MGEWT190	7	7	9	
		7+7+12 + MGEWT190	7	7	12	
		7+7+18 + MGEWT190	7	7	18	
		7+9+9 + MGEWT190	7	9	9	
		7+9+12 + MGEWT190	7	9	12	
		7+9+18 + MGEWT190	7	9	18	
		7+12+12 + MGEWT190	7	12	12	
		7+12+18 + MGEWT190	7	12	18	
		9+9+9 + MGEWT190	9	9	9	
		9+9+12 + MGEWT190	9	9	12	
		9+9+18 + MGEWT190	9	9	18	
		9+12+12 + MGEWT190	9	12	12	
		9+12+18 + MGEWT190	9	12	18	
		12+12+12 + MGEWT190	12	12	12	

Allowed combinations of indoor units

For trialsplit MGEHW units, it is mandatory to install at least 2 indoor units for correct functioning of the system.

For further information, please refer to the technical documentation on the website www.aermec.com

Outdoor unit	Combination	Indoor units	Combinations (x1000 Btu/h)		
			Unit A	Unit B	Unit C
MGEHW840	TRI (1x2)	7+7	7	7	-
		7+9	7	9	-
		7+12	7	12	-
		7+18	7	18	-
		7+24	7	24	-
		9+9	9	9	-
		9+12	9	12	-
		9+18	9	18	-
		12+12	12	12	-
		12+18	12	18	-
	TRI (1x3)	7+7+7	7	7	7
		7+7+9	7	7	9
		7+7+12	7	7	12
		7+7+18	7	7	18
		7+9+9	7	9	9
		7+9+12	7	9	12
		7+9+18	7	9	18
		7+12+12	7	12	12
		7+12+18	7	12	18
		9+9+9	**9**	**9**	**9**
		9+9+12	9	9	12
		9+9+18	9	9	18
		9+12+12	9	12	12
		9+12+18	9	12	18
		12+12+12	12	12	12

The highlighted combinations are the reference ones.

OUTDOOR UNIT PERFORMANCE DATA MGEHW

		MGEHW840
Nominal cooling performances		
Cooling capacity (1)	kW	7,91
Cooling input power (1)	kW	2,45
EER (2)	W/W	3,23
Minimum cooling performances		
Cooling capacity	kW	2,70
Cooling input power	kW	0,25
Maximum cooling performances		
Cooling capacity	kW	8,21
Cooling input power	kW	2,90
Seasonal efficiency		
SEER	W/W	6,30
Efficiency energy class (3)		A++
Annual power consumption	kWh/annum	439
Nominal heating performances		
Heating capacity (4)	kW	8,21
Heating input power (4)	kW	2,21
COP (2)	W/W	3,71
Minimum heating performances		
Heating capacity	kW	2,11
Heating input power	kW	0,35
Maximum heating performances		
Heating capacity	kW	8,79
Heating input power	kW	3,00
Seasonal efficiency (temperate climate)		
SCOP	W/W	4,10
Efficiency energy class (3)		A+
Annual power consumption	kWh/annum	2151

(1) Cooling (EN 14511 and EN 14825) ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; turbo speed; length of refrigerant lines 5 m.
(2) EER/COP in accordance with the Standard (EN 14511), only declared for the purposes of the tax deductions in force at the time of this publication.
(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.
(4) Heating (EN 14511 and EN 14825) ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b.; turbo speed; length of refrigerant lines 5 m.

MGEHW - MGEWT

Indoor unit		**MGEWT190**
Outdoor unit		**MGEHW840**
Indoor unit quantity		**1**
Outdoor unit quantity		**1**
Storage tank (DHW)		
Water heating power (A 15/12°C, W 15~45°C)	kW	4,0
COP (A 15/12°C, W 15~45°C)	kW/kW	3,90
Heating capacity DHW (1)	kW	3,90
COP DHW (1)	kW/kW	3,40
Setting Temperature for the performance mesaurement (1)	°C	52
Reference hot water temperature (1)	°C	52,6
Water heating energy efficient (1)	%	128
Maximum volume of mixed water at 40°C (1)	L	240
Declared load profile (1)		L
Energy Efficiency Class (1)		A+
Heating time (1)	hh:mm	02:30
Energy input during Heat-up time (1)	kW	2,9
Standby power input (1)	W	50

(1) Data according to EN 16147:2017

OUTDOOR UNIT GENERAL TECHNICAL DATA

		MGEHW840
Electric data		
Rated power input (1)	W	5.300
Rated current input (1)	A	23,5
Liquid cooling connections		
Diameter of liquid refrigerant connections	mm (inch)	6,35 (1/4")
Number	no.	4
Gas cooling connections (AC)		
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8") / 12,7 (1/2")
Number	no.	2/1
Gas cooling connections (DHW)		
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8")
Number	no.	1
Refrigerant lines		
Total maximum length of the refrigerant lines (AC)	m	80,0
Max. lenght for DHW	m	20,0
Maximum single cooling line length	m	35,0
Maximum height difference between ODU and IDU	m	15,0
Maximum height difference between IDU and ODU	m	10,0
Maximum length of refrigerant lines without addition of refrigerant	m	7,5
Refrigerant to be added	g/m	20
Power supply		
Power supply	V/Ph/Hz	220-240V ~ 50Hz
Cross section		
Section of the power cable	mm^2	2,5
Power supply cable		
Magnet circuit breaker	A	25

(1) The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN 60335-1 and EN 60335-2-40.

MGEHW - MGEWT

Indoor unit		**MGEWT190**
Outdoor unit		**MGEHW840**
Indoor unit quantity		**1**
Outdoor unit quantity		**1**
Liquid cooling connections		
Diameter of liquid refrigerant connections	mm (inch)	6,35 (1/4")
Number	no.	4
Gas cooling connections (AC)		
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8") / 12,7 (1/2")
Number	no.	2/1
Gas cooling connections (DHW)		
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8")
Number	no.	1
Refrigerant lines		
Max. lenght for DHW	m	20,0
Maximum height difference between ODU and WT	m	15,0
Maximum height difference between IDU and WT	m	10,0
Power supply		
Power supply	V/Ph/Hz	220-240V ~ 50Hz
Electric heater		
Capacity	kW	2,0
Maximum current	A	9,10
Magnet circuit breaker		
Air Break Switch (electric heater)	A	16
Cross section		
Section of the power cable	mm^2	1,5
Communication wires between the tank and the outdoor unit	mm^2	1

OUTDOOR UNIT TECHNICAL DATA

		MGEHW840
Outdoor unit		
Type of fan	type	Axial
Air flow rate		
Maximum	m^3/h	4.000
Sound power		
Maximum	dB(A)	69,0
Sound pressure		
Maximum	dB(A)	61,0
Compressor		
Type	type	Rotary
Refrigerant	type	R32
Refrigerant charge	kg	1,80
Equivalent CO_2	tCO_2eq	1,22
Outdoor unit		
Condensate discharge diameter	mm	16,0

Sound pressure measured in semi anechoic chamber at a distance of 1 m from the source.
Sound Power: measured in reverberation room at a distance of 1,5 - in accordance with EN12102.

INDOOR UNIT PERFORMANCE DATA

SGE_W

		SGE200W	SGE250W	SGE350W	SGE500W	SGE700W
Nominal cooling performances						
Cooling capacity (1)	kW	2,05	2,77	3,46	5,27	5,86
Nominal heating performances						
Heating capacity (2)	kW	2,34	2,93	3,57	4,97	6,00
Indoor unit						
Type of fan	type	Tangential	Tangential	Tangential	Tangential	Tangential
Air flow rate						
Maximum	m^3/h	460	466	540	840	980
Average	m^3/h	360	360	430	680	817
Minimum	m^3/h	325	325	314	540	662
Sound power (3)						
Maximum	dB(A)	54,0	54,0	55,0	56,0	59,0
Sound pressure (1 m) (4)						
Minimum	dB(A)	21,0	25,0	25,0	26,0	36,0
Maximum	dB(A)	40,0	38,5	40,5	42,5	45,0
Average	dB(A)	26,0	32,0	34,5	36,0	40,5
Refrigeration pipework						
Diameter of liquid refrigerant connections	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	12.7 (1/2")	15,9 (5/8")
Power supply						
Indoor unit power supply		220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz

(1) Cooling (EN 14511 and EN 14825) ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; turbo speed; length of refrigerant lines 5 m.
(2) Heating (EN 14511 and EN 14825) ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b.; turbo speed; length of refrigerant lines 5 m.
(3) Sound power calculated in free field, in accordance with UNI EN ISO 3744.
(4) Sound pressure measured in semi anechoic chamber at a distance of 1 m from the source.

MGEWT

		MGEWT190
Storage tank (DHW)		
Nominal volume of the tank	L	190
Rated pressure of the water tank	MPa	1
Material		Vitrified steel
Anode type		Magnesium bar
Electrical resistance type		Electric immersion heater

MGE_CS/MGE_C

		MGE350CS	MGE500CS	MGE700C
Nominal cooling performances				
Cooling capacity	kW	3,52	5,28	7,03
Nominal heating performances				
Heating capacity	kW	3,81	5,57	7,62
Indoor unit				
Type of fan	type	Tangential	Tangential	Tangential
Air flow rate				
Minimum	m^3/h	330	300	992
Average	m^3/h	520	540	1.118
Maximum	m^3/h	620	660	1.247
Sound power				
Maximum	dB(A)	55,0	59,0	59,0
Sound pressure				
Minimum	dB(A)	31,5	31,5	37,0
Average	dB(A)	38,5	41,0	42,5
Maximum	dB(A)	42,0	44,0	45,0
Indoor unit				
Condensate discharge diameter	mm	25,0	25,0	25,0
Power supply				
Power supply	V/Ph/Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz

- Cooling (EN-14511 and EN-14825) Ambient air temperature 27°C D.B. / 19°C W.B.; Outside air temperature 35°C; Max speed; Length of Refrigerant Lines 5m.
- Heating (EN-14511 and EN-14825) Ambient air temperature 20°C D.B.; Outside air temperature 7°C D.B./6°C W.B.; Max speed; Length of Refrigerant Lines 5m.
- The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.
- Sound pressure measured in semi anechoic chamber at a distance of 1,4 m from the source.
- Sound Power: measured in reverberation room at a distance of 1,5 - in accordance with EN12102.

MGE_FS

		MGE250FS	MGE350FS	MGE500FS
Nominal cooling performances				
Cooling capacity	kW	2,64	3,52	4,98
Nominal heating performances				
Heating capacity	kW	2,93	3,81	5,28
Indoor unit				
Type of fan	type	Tangential	Tangential	Tangential
Air flow rate				
Minimum	m^3/h	400	490	600
Average	m^3/h	510	580	690
Maximum	m^3/h	600	650	780
Sound power				
Maximum	dB(A)	54,0	54,0	55,0
Sound pressure				
Minimum	dB(A)	27,5	27,0	32,0
Average	dB(A)	33,5	34,0	38,0
Maximum	dB(A)	36,5	37,0	41,0
Indoor unit				
Condensate discharge diameter	mm	16,0	16,0	16,0
Power supply				
Power supply	V/Ph/Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz

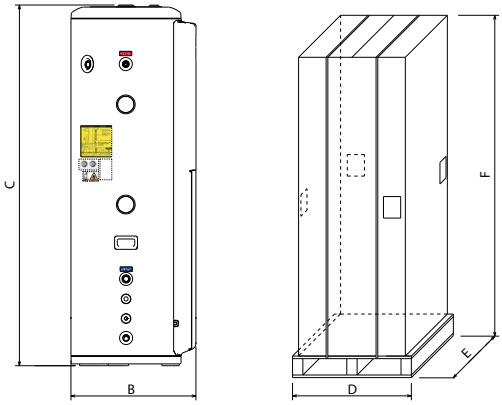
- Cooling (EN-14511 and EN-14825) Ambient air temperature 27°C D.B. / 19°C W.B.; Outside air temperature 35°C; Max speed; Length of Refrigerant Lines 5m.
- Heating (EN-14511 and EN-14825) Ambient air temperature 20°C D.B.; Outside air temperature 7°C D.B./6°C W.B.; Max speed; Length of Refrigerant Lines 5m.
- The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.
- Sound pressure: measured in semi anechoic chamber at a distance of 1 m from the source.
- Sound Power: measured in reverberation room at a distance of 1,5 - in accordance with EN12102.

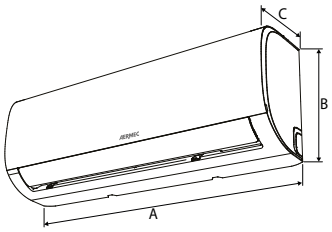
MGE_DH

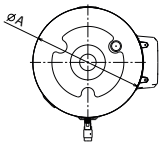
		MGE250DH	MGE350DH	MGE500DH	MGE700DH
Nominal cooling performances					
Cooling capacity	kW	2,64	3,52	5,28	7,03
Nominal heating performances					
Heating capacity	kW	2,93	3,81	5,57	7,62
Electric data					
Rated power input	W	88	91	172	217
Indoor unit					
Type of fan	type	Tangential	Tangential	Tangential	Tangential
Air flow rate					
Minimum	m^3/h	450	470	650	700
Average	m^3/h	540	570	780	1.000
Maximum	m^3/h	620	660	900	1.200
Sound power					
Maximum	dB(A)	54,0	52,0	53,0	56,0
Sound pressure					
Minimum	dB(A)	31,0	31,0	31,0	31,0
Average	dB(A)	33,0	33,0	34,0	32,5
Maximum	dB(A)	35,0	35,0	36,5	33,5
Indoor unit					
Condensate discharge diameter	mm	25,0	25,0	25,0	25,0
Useful static pressure					
Range of static pressure	Pa	0 ÷ 80	0 ÷ 100	0 ÷ 160	0 ÷ 160
Nominal	Pa	25	25	25	25
Power supply					
Power supply	V/Ph/Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz

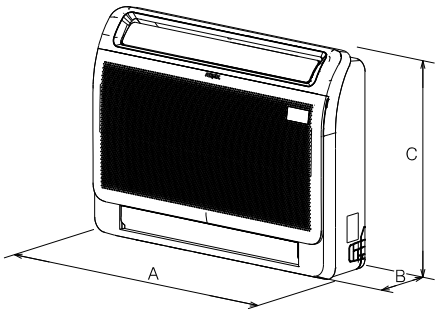
- Cooling (EN-14511 and EN-14825) Ambient air temperature 27°C D.B. / 19°C W.B.; Outside air temperature 35°C; Max speed; Length of Refrigerant Lines 5m.
- Heating (EN-14511 and EN-14825) Ambient air temperature 20°C D.B.; Outside air temperature 7°C D.B./6°C W.B.; Max speed; Length of Refrigerant Lines 5m.
- The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.
- Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.
- Sound Power: measured in reverberation room at a distance of 1,5 - in accordance with EN12102.

INDOOR UNIT WEIGHTS AND DIMENSIONS

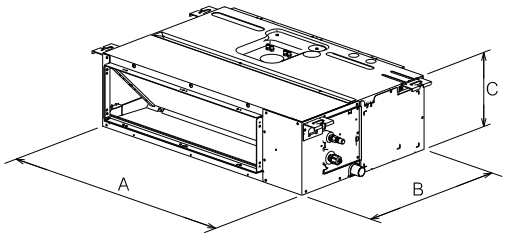




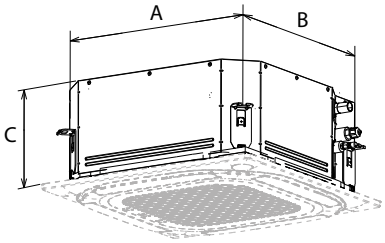




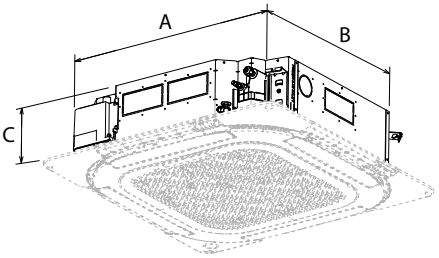
MGE_FS



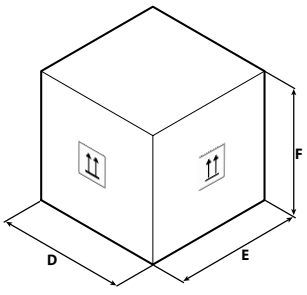
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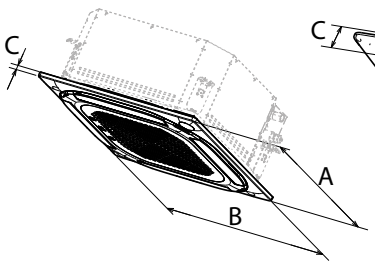
MGE350CS - MGE500CS



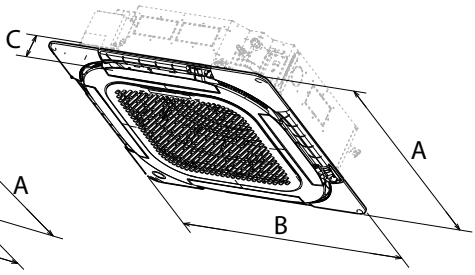
MGE700C



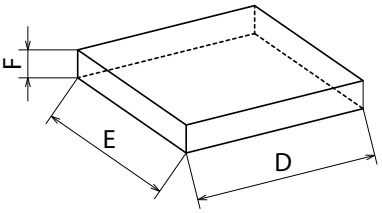
Carton Box Example



GLE10S



GLE10



MGEWT190

		MGEWT190
Indoor unit		
A	mm	504
B	mm	574
C	mm	1660
D	mm	690
E	mm	690
F	mm	1.860
Net weight	kg	70,0
Weight for transport	kg	92,0

SGE_W

		SGE200W	SGE250W	SGE350W	SGE500W	SGE700W
Indoor unit						
A	mm	805	805	805	957	1040
B	mm	285	285	285	302	327
C	mm	194	194	194	213	220
D	mm	870	870	870	1035	1120
E	mm	270	270	270	295	405
F	mm	360	365	365	385	315
Net weight	kg	7,9	7,6	7,6	10,0	12,3
Weight for transport	kg	9,7	9,7	9,8	13,0	15,8

MGE_FS

		MGE250FS	MGE350FS	MGE500FS
Indoor unit				
A	mm	794	794	794
B	mm	200	200	200
C	mm	621	621	621
D	mm	865	865	865
E	mm	280	280	280
F	mm	719	719	719
Net weight	kg	14,9	14,9	14,9
Weight for transport	kg	18,8	18,8	18,8

MGE_DH

		MGE250DH	MGE350DH	MGE500DH	MGE700DH
Indoor unit					
A	mm	700	700	700	1000
B	mm	506	506	750	750
C	mm	200	200	245	245
D	mm	860	860	925	1225
E	mm	540	540	850	860
F	mm	285	285	298	304
Net weight	kg	16,6	16,6	24,4	31,8
Weight for transport	kg	19,8	19,8	29,0	37,2

MGE_CS / MGE_C

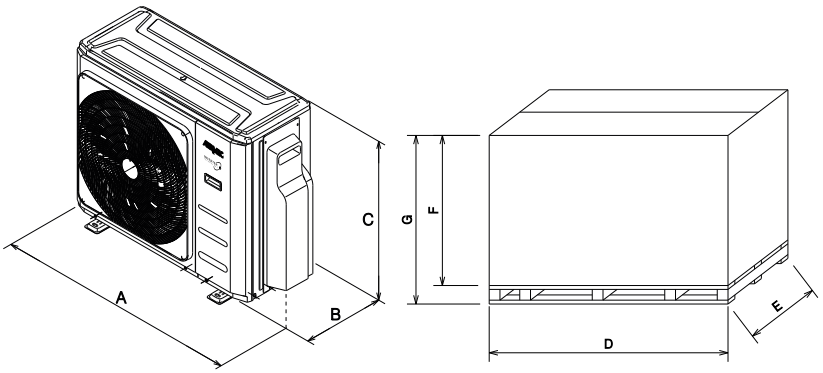
		MGE350CS	MGE500CS	MGE700C
Indoor unit				
A	mm	570	570	856
B	mm	570	570	831
C	mm	245	245	205
D	mm	715	715	910
E	mm	640	640	910
F	mm	295	295	235
Net weight	kg	16,1	16,2	21,6
Weight for transport	kg	18,8	19,0	25,4

Grids

		GLE10	GLE10S
Indoor unit			
A	mm	950	620
B	mm	950	620
C	mm	70	50
D	mm	1042	697
E	mm	1027	712
F	mm	95	115
Net weight	kg	6,0	2,6
Weight for transport	kg	9,0	4,2

OUTDOOR UNIT WEIGHTS AND DIMENSIONS

MGEHW



		MGEHW840
Outdoor unit		
A	mm	1050
B	mm	433
C	mm	810
D	mm	1090
E	mm	500
F	mm	845
G	mm	935
Net weight	kg	64,3
Weight for transport	kg	79,1

Aermec reserves the right to make any modifications deemed necessary.
All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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