

# 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.**



## 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.

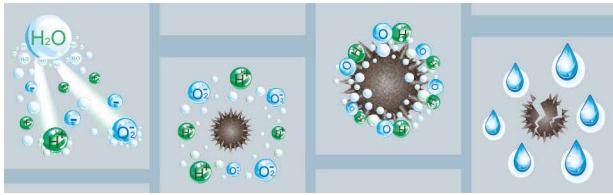


### Features

- 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

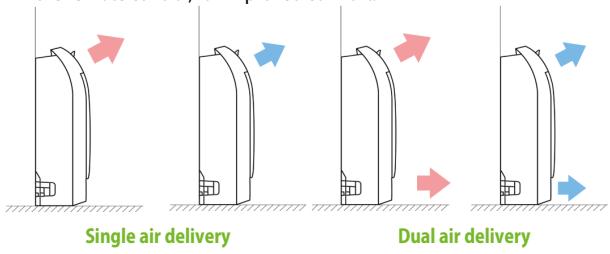
### MGE\_FS Indoor unit

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.
- Microprocessor control.
- Auto-restart function.
- Self-diagnosis function.
- Air filter easily removed and cleaned.
- 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.



**WRPE10**



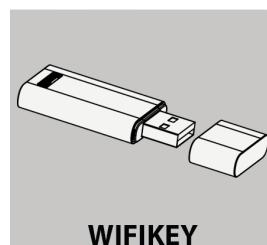
**WRPE10W**



**GLE10S**



**GLE10**



**WIFIKEY**

### 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	-
	(1x3)	9+18	9	18	-
		12+12	12	12	-
		12+18	12	18	-
		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
	(1x3)	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
	(1x3)	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
MGEHW840	(1x1) + MGEWT190	7 + MGEWT190	7	-	-
		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	-
	(1x3) + MGEWT190	9+18 + MGEWT190	9	18	-
		12+12 + MGEWT190	12	12	-
		12+18 + MGEWT190	12	18	-
		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

MGEWT190

## 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. / 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 measurement (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

<b>Electric data</b>		
Rated power input (1)	W	5300
Rated current input (1)	A	23,5
<b>Liquid cooling connections</b>		
Diameter of liquid refrigerant connections	mm (inch)	6,35 (1/4")
Number	no.	4
<b>Gas cooling connections (AC)</b>		
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8") / 12,7 (1/2")
Number	no.	2/1
<b>Gas cooling connections (DHW)</b>		
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8")
Number	no.	1
<b>Refrigerant lines</b>		
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
<b>Power supply</b>		
Power supply		220-240V ~ 50Hz
<b>Cross section</b>		
Section of the power cable	mm <sup>2</sup>	2,5
<b>Power supply cable</b>		
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

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

## OUTDOOR UNIT TECHNICAL DATA

MGEHW840

Outdoor unit		
Type of fan	Type	Axial
<b>Air flow rate</b>		
Maximum	m <sup>3</sup> /h	4000
<b>Sound power</b>		
Maximum	dB(A)	69,0
<b>Sound pressure</b>		
Maximum	dB(A)	61,0
<b>Compressor</b>		
Type	type	Rotary
Refrigerant	type	R32
Refrigerant charge	kg	1,80
Equivalent CO <sub>2</sub>	t	1,22
<b>Outdoor unit</b>		
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
<b>Nominal cooling performances</b>					
Cooling capacity (1)	kW	2,05	2,77	3,46	5,27
<b>Nominal heating performances</b>					
Heating capacity (2)	kW	2,34	2,93	3,57	4,97
<b>Indoor unit</b>					
Type of fan	Type	Tangential	Tangential	Tangential	Tangential
<b>Air flow rate</b>					
Maximum	m <sup>3</sup> /h	460	466	540	840
Average	m <sup>3</sup> /h	360	360	430	680
Minimum	m <sup>3</sup> /h	325	325	314	540
<b>Sound power (3)</b>					
Maximum	dB(A)	54,0	54,0	55,0	56,0
<b>Sound pressure (1 m) (4)</b>					
Minimum	dB(A)	21,0	25,0	25,0	26,0
Maximum	dB(A)	40,0	38,5	40,5	42,5
Average	dB(A)	26,0	32,0	34,5	36,0
<b>Refrigeration pipework</b>					
Diameter of liquid refrigerant connections	mm (inch)	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")
<b>Power supply</b>					
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
<b>Nominal cooling performances</b>			
Cooling capacity	kW	3,52	5,28
<b>Nominal heating performances</b>			
Heating capacity	kW	3,81	5,57
<b>Indoor unit</b>			
Type of fan	Type	Tangential	Tangential
<b>Air flow rate</b>			
Minimum	m <sup>3</sup> /h	330	300
Average	m <sup>3</sup> /h	520	540
Maximum	m <sup>3</sup> /h	620	660
<b>Sound power</b>			
Maximum	dB(A)	55,0	59,0
<b>Sound pressure</b>			
Minimum	dB(A)	31,5	31,5
Average	dB(A)	38,5	41,0
Maximum	dB(A)	42,0	44,0
<b>Indoor unit</b>			
Condensate discharge diameter	mm	25,0	25,0
<b>Power supply</b>			
Power supply		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
<b>Nominal cooling performances</b>			
Cooling capacity	kW	2,64	3,52
<b>Nominal heating performances</b>			
Heating capacity	kW	2,93	3,81
<b>Indoor unit</b>			
Type of fan	Type	Tangential	Tangential
<b>Air flow rate</b>			
Minimum	m <sup>3</sup> /h	400	490
Average	m <sup>3</sup> /h	510	580
Maximum	m <sup>3</sup> /h	600	650
<b>Sound power</b>			
Maximum	dB(A)	54,0	54,0
<b>Sound pressure</b>			
Minimum	dB(A)	27,5	27,0
Average	dB(A)	33,5	34,0
Maximum	dB(A)	36,5	37,0
<b>Indoor unit</b>			
Condensate discharge diameter	mm	16,0	16,0
<b>Power supply</b>			
Power supply		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.

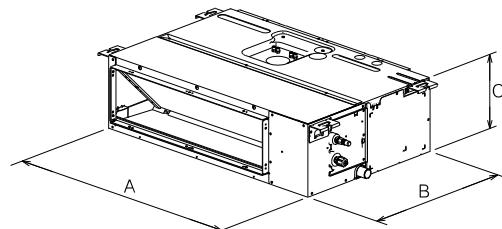
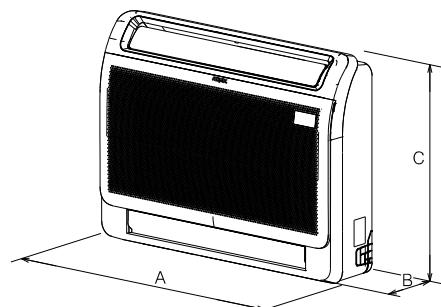
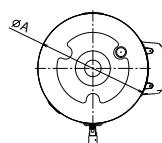
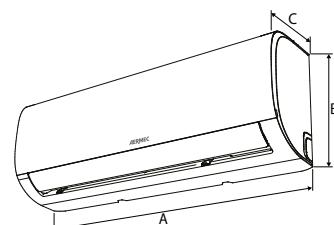
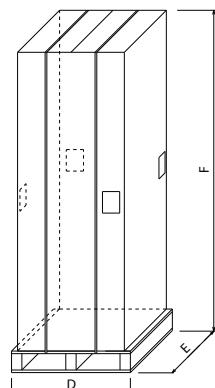
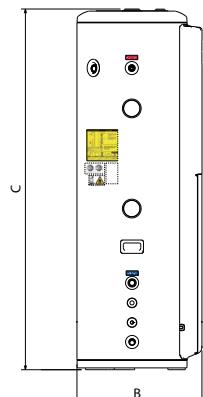
- Sound Power: measured in reverberation room at a distance of 1,5 - in accordance with EN12102.

**MGE\_DH**

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

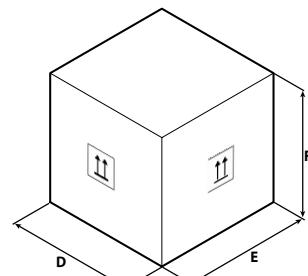
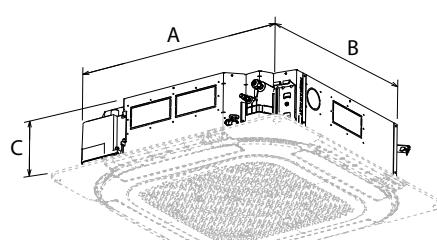
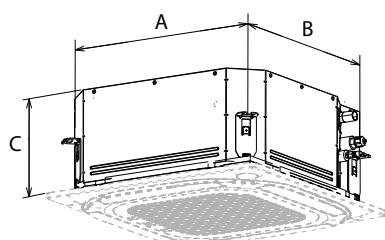
- Cooling (EN-14511 and EN-14825) Ambient air temperature 27°C D.B. / 19°C W.B.; Outside air temperature 35°C; Max speed; Length of Refrigerant Lines 5m.
- Heating (EN-14511 and EN-14825) Ambient air temperature 20°C D.B.; Outside air temperature 7°C D.B./6°C W.B.; Max speed; Length of Refrigerant Lines 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

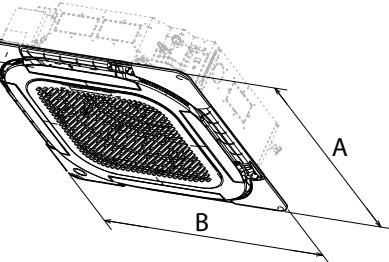
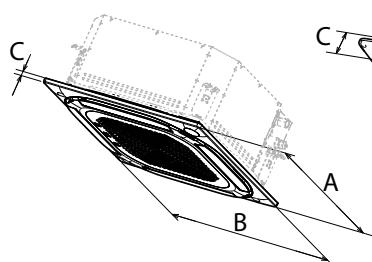
MGE\_DH



MGE350CS - MGE500CS

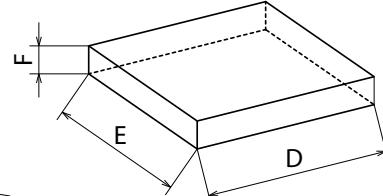
MGE700C

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	1860
Net weight	kg	70,0
Weight for transport	kg	92,0

**SGE\_W**

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**

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

**MGE\_DH**

MGE_DH			MGE250DH	MGE350DH	MGE500DH	MGE700DH
Indoor unit						
A	mm	700	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**

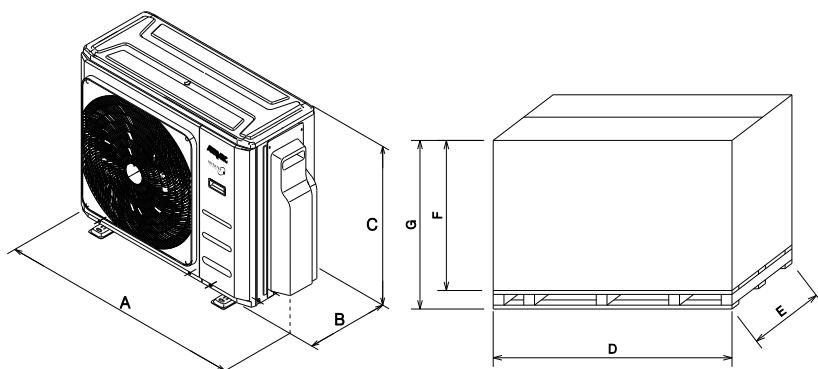
MGE_CS / MGE_C			MGE350CS	MGE500CS	MGE700C
Indoor unit					
A	mm	570	570	570	856
B	mm	570	570		831
C	mm	245	245		205
D	mm	715	715		910
E	mm	640	640		910
F	mm	295	295		235
Net weight	kg	16,1	16,2		21,6
Weight for transport	kg	18,8	19,0		25,4

**Grids**

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.

**Aermec S.p.A.**  
Via Roma, 996 - 37040 Bevilacqua (VR) - Italy  
Tel. 0442633111 - Telefax 044293577  
[www.aermec.com](http://www.aermec.com)