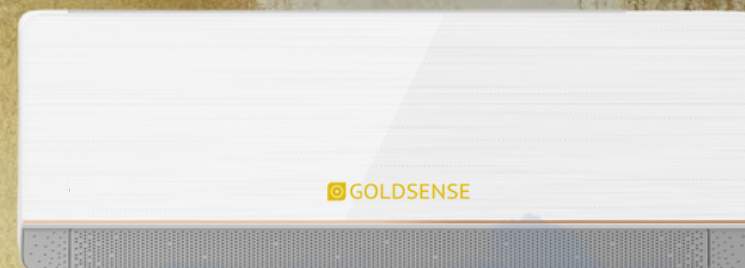


GOLDSENSE

M-PRO





Internal Division



External Unit



IR remote controller



Wired Remote Controller

OPTIONAL



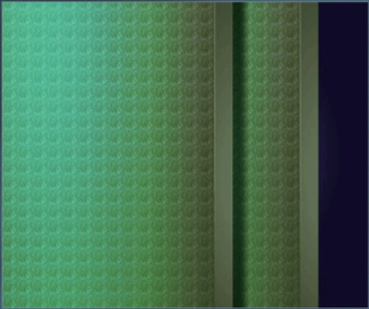
Wi-Fi

Specifications

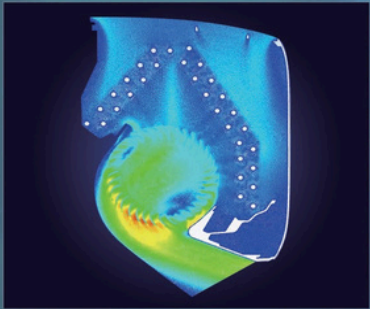
Model	M-PRO			
	GLSC-M09	GLSC-M12	GLSC-M18	GLSC-M24
Type of operation	Heat pump	Heat pump	Heat pump	Heat pump
Nominal cooling capacity (kW)	2.7 (0.60-4.00)	3.50 (0.8-4.1)	5.4 (1.3-5.9)	7.3 (1.8-7.4)
Nominal cooling capacity (BTU)	9212 (2047-13648)	11942 (2729-13989)	18424 (4435 - 20131)	24908 (6141 - 25249)
Nominal heating capacity (kW)	3.2 (0.80-4.20)	3.80 (1.0-4.3)	5.6 (1.3-6.0)	7.3 (1.8-7.5)
Nominal cooling capacity (BTU)	10918 (2729 - 14330)	12966 (3412 - 14672)	19107 (4435 - 20472)	24908 (6141 - 25590)
SEER / Cooling Energy Efficiency Classification	7.5/A++	7.0/A++	7.0/A++	6.9/A++
PURPOSE / Energy Classification	4.2/A+	4.1/A+	4.1/A+	4.2/A+
Indoor unit air flow m³/h (Turbo-Max-Med-Min)	650/570/515/460	650/570/515/460	900/800/750/650	1300/1200/1010/870
Outdoor unit airflow mc/h	1800	1800	1800	3600
Indoor unit sound pressure (Silent/High/Medium/Low/Mute)	38/31/27/22/19	38/32/29/23/20	41/32/31/26/23	38/36/33/31/23
Sound pressure of the outdoor unit	52	52	56	58
Dehumidification capacity (liters per hour)	1.3	1.7	2.5	3.1
Refrigerant Tip / GWP	R32 /675	R32 /675	R32 /675	R32 /675
Refrigerant volume (Kg) / Precharge (ml)	0.55 /5	0.6 /5	1.03 /5	1.3 /5
Additional refrigerant volume (g/ml)	20	20	20	30
Liquid/gas piping connections (inch/mm)	1/4-3/8 (6.35-9.52)	1/4-3/8 (6.35-9.52)	1/4-1/2 (6.35-12.7)	1/4-5/8 (6.35-15.88)
Maximum route distance (miles) / Elevation difference (meters)	20/10	20/10	20/10	25/15
Compressor manufacturer	GMCC	GMCC	SANYO	GMCC
Voltage	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz
Maximum Current (A)	9	9.5	12	16
Maximum electrical power (kW)	1.9	1.9	2.4	3.4
Power source	Exterior	Exterior	Exterior	Exterior
Net weight of the indoor unit (kg)	7.5	8	11	13
Net weight of the outdoor unit (kg)	23	23	28.5	39
Indoor unit dimensions - net (mm)	768*299*201	768*299*201	1004*320*223	1140*332*230
Indoor unit dimensions with packaging (mm)	831*371*282	831*371*282	1070*385*312	1210*400*327
Outdoor unit dimensions - net (millimeters)	709*280*536	705*279*530	785×555×300	900×700×350
Outdoor unit dimensions - including packaging (mm)	825×345×595	825×345×595	903*382*615	1020×770×430
Ambient temperature / operational limits - cooling	-15~48℃	-15~48℃	-15~48℃	-15~48℃
Ambient temperature / operational limits - heating	-25~32℃	-25~32℃	-25~32℃	-25~32℃

Extremely silence for a restful slumber.

Exceptional software and hardware guarantee the device's silent operation.



Distinctive torque compensation algorithm featuring diminished vibration.



Optimal air duct design for fluid dynamics analysis.

Sleep patterns



4D AIRFLOW

Enhances air distribution, ensuring both vertical and horizontal airflow.

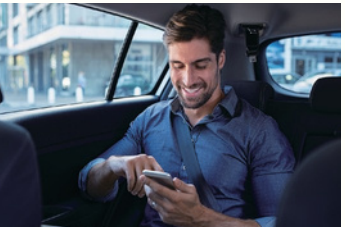


AERODYNAMIC "MICRO-ARC"

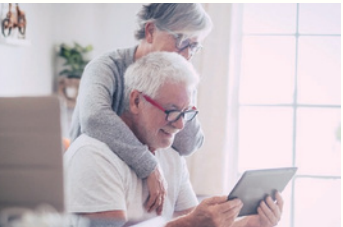
Cooled air permeates every corner of the room, extending up to a distance of 15 meters.



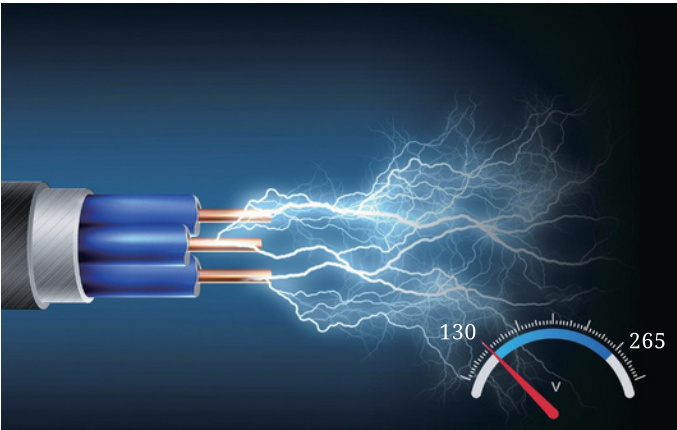
INTELLIGENT WI-FI



Switch ON the air conditioner on the way home



Switch ON the air conditioner for the elderly at home

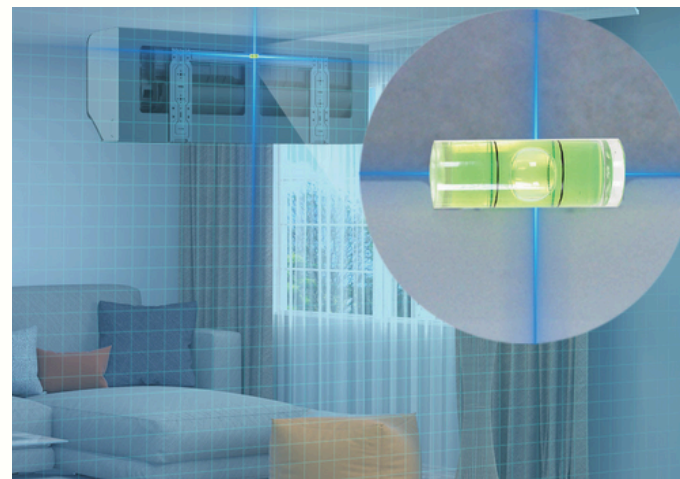


Simple reaction to fluctuating voltage



Non-inductive, precise to 0.5°C.

SIMPLE TO INSTALL AND MAINTAIN



Liquid level for accurate installation



Slot in PCB design for convenient replacement

DETACHABLE BASE FOR MAINTENANCE

Modular design of primary components, enhancing maintenance efficiency.

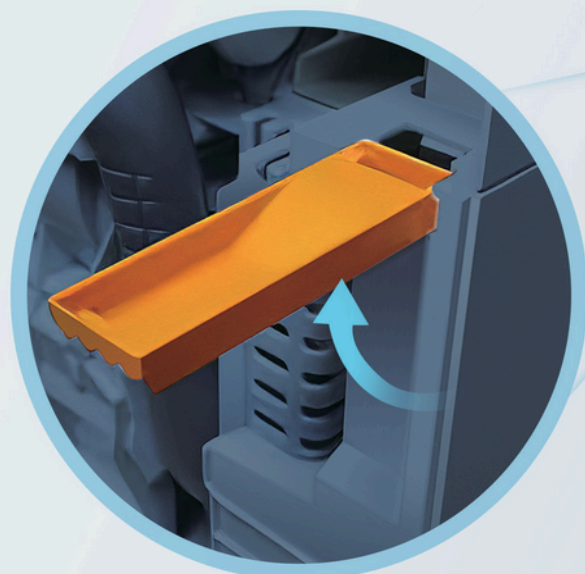
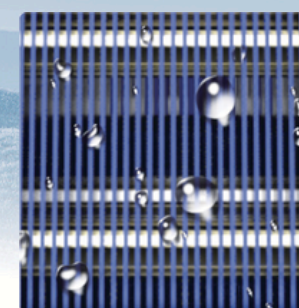
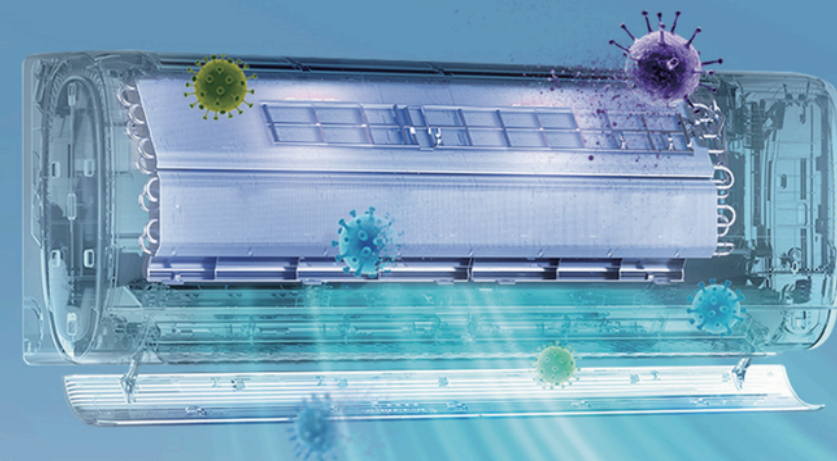


PLATE HOLDER

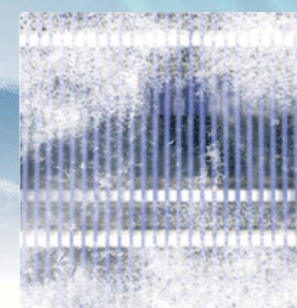
Plate support for an expansive operational area. Installation efficiency is significantly enhanced.



SELF-CLEANING IN FOUR STEPS



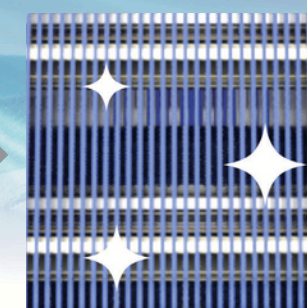
UI compression



Freezing

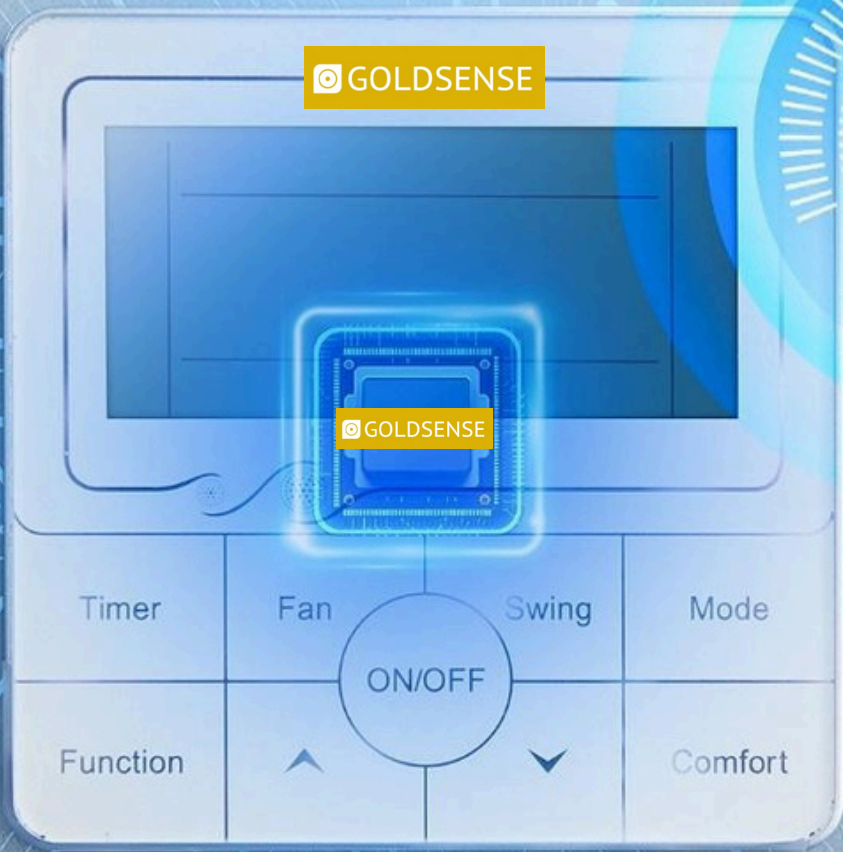


defrost



Autouscare





LED Wired Controller - A multitude of functions at your fingertips!



ON-OFF switch featuring precise intelligent integration, derived from the window switch.



Cleaning reminder: The filter's dirt status is indicated on the light panel to prompt users for timely cleaning.





Smart micropores herald a new era in air conditioning systems.

Elegant Design



Minimalist Geometric Patterns



Aesthetics influenced by the radiance of the diamond pyramid.