

U-Match



















》The design of double ambient temperature sensors makes precision temperature monitoring.
》With low ambient temperature cooling function, cooling is normal at 5°C.
》The outdoor unit is universal and can be matched with duct, cassette and floor ceiling type indoor units.
》The unit is designed with smaller dimension, and the body weight of the whole series is less than 96kg, which is easy for installation and transportation.

Indoor Unit



Duct type

》Fresh air inlet and air valve control function improve the indoor air quality.
》Flexible air inlet/outlet and condensing water outlet direction based on different installation requirements.
》Optimized air duct design improves the performance and lowers the noise.
》Built-in drain pump with increased lift of 1000mm.
》High ESP design, max ESP is up to 200 Pa.



Cassette type

》Drain pump filled as standard with increased lift of 1000mm.
》Special low noise fan design.
》Equipped with 360° air discharge panel, providing more comfortable air supply.



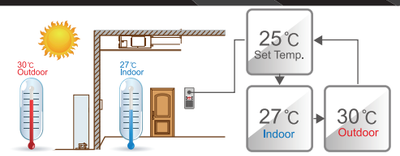
Floor ceilingtype

》3D air flue design.
》Modern and elegant appearance.
》Four levels of fan speed.
》Wide swing angles.

More Convenient & Comfortable

Multiple Temperature Displays

Indoor set temperature, indoor ambient temperature and outdoor ambient temperature can be displayed. Meanwhile, the display of the three kinds of temperature can be switched freely through the remote controller or wired controller.



Setting Function of Indoor Dual Temperature Sensors

In order to better control indoor ambient temperature and improve user's comfort, we design the indoor dual temperature sensors. Indoor unit and wired controller are equipped with the temperature sensors. The unit will automatically start the suitable temperature sensors according to the mode.

Cold Air Prevention Function

When the unit just starts heating or the outdoor unit just finishes defrosting, the temperature of indoor evaporator is quite low. If the indoor fan operates in this case, cold air will blow out. Our products are optimized in design to prevent cold air so as to improve user's comfort.

Power-off Memory Function

The user can set power-off memory function. If this function is activated, the unit will automatically operate in previous setting mode when power recovers after power failure.

Gate Control Function (Optional)

This function is especially for some special places like hotels, which is optional. When this function is set and gate control accessories are connected, the unit will control unit on/off according to the card status detected by the gate control detection board. When the card is removed, the unit will turn to standby status.



Gate Control Accessory

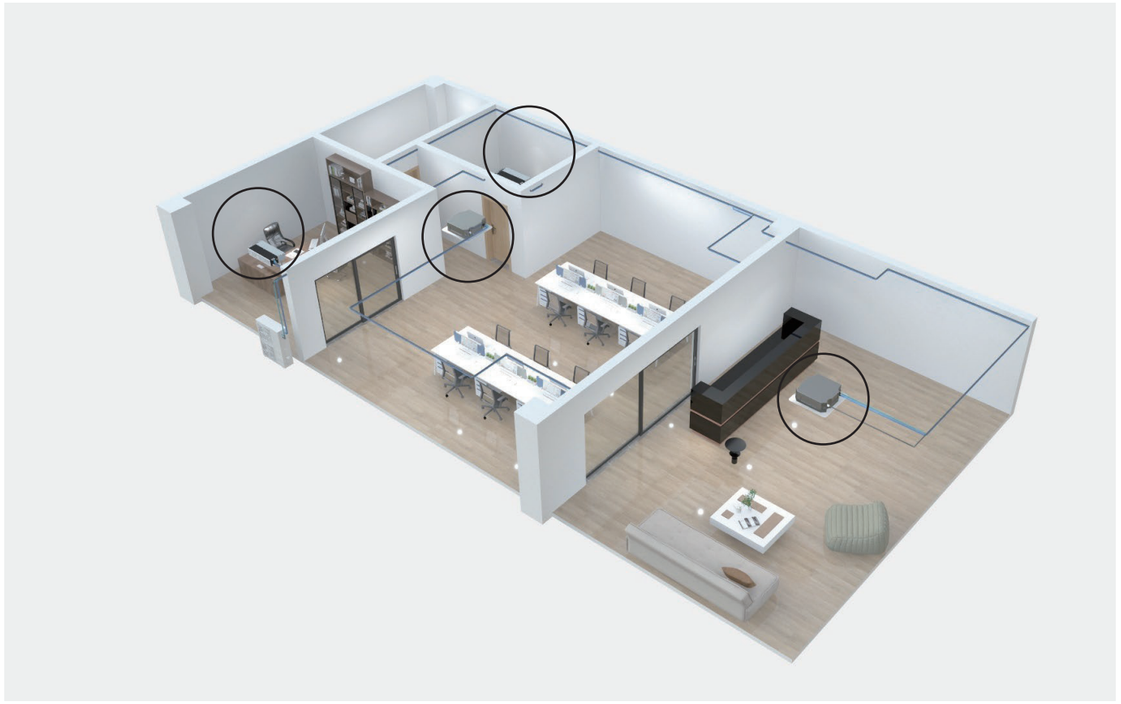
Low-temperature Cooling Function

Although outdoor temperature is quite low in winter, some places with heat source(e.g. barbecue restaurant) still need cooling. Our unit is capable of cooling operation in outdoor ambient temperature of -15°C

Water Full Protection (Optional)

If the water cannot drain out properly for the failure of water pump or other causes, this function will be activated automatically and the unit will stop for protection when the water in the indoor unit reaches a certain level.







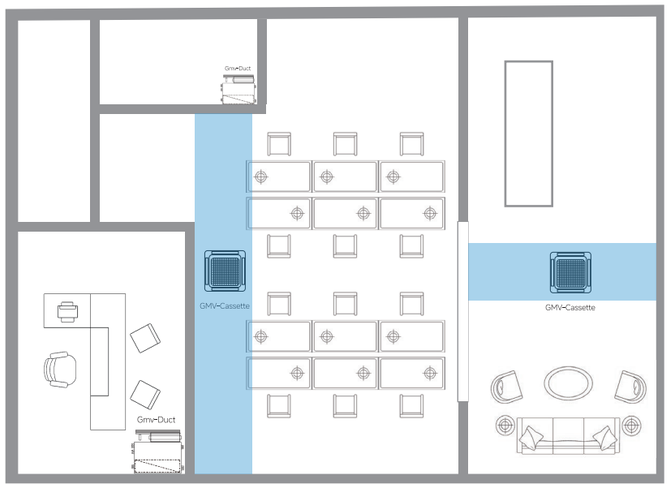
U-MATCH SERIES - DUCT TYPE

INVERTER **HEATING&COOLING** R32

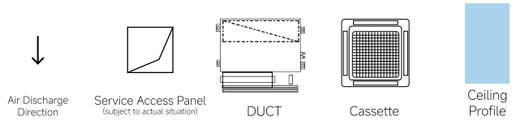


BLACK DIAMOND FIN CONDENSER

BLACK FINS, WITH GREATER CORROSION RESISTANCE, SUITABLE FOR COASTAL AND HIGH-HUMIDITY ENVIRONMENTS.



Pattern Meaning



Recommended Indoor Unit



Cassette

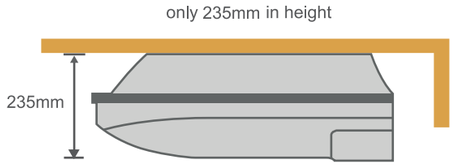


DUCT

Model			GFH-18MXU/O GFH-18PLS-MXU/I	GFH-24MXU/O GFH-24PLS-MXU/I	GFH-36MXU/O GFH-36PMS-MXU/I	GFH48MXU/O GFH-48PMS-MXU/I	GFH60MXU/O GFH-60PHS-MXU/I
Capacity	Cooling	W	5300	6700	10500	12100	16000
		Btu/h	18084	22860	35800	41285.2	54500
	Heating	W	5800	7600	10700	13500	17000
		Btu/h	19790	25900	36500	46062	58000
EER/COP		-	3.40/4.3	3/3.2	3.62/3.96	3.18/3.65	3.05/3.62
Power supply		V/Hz/Ph	220-240/60/1	220-240/60/1	220-240/60/1	220-240/60/1	220-240/60/1
SEER		BTU/hW	20	20	20	20	20
Power input	Cooling	W	1559	2300	2900	3800	5250
	Heating	W	1349	2280	2700	3700	4700
Current input	Cooling	A	7.4	10.62	12.6	17.35	24
	Heating	A	6.3	10.49	11.7	16.89	21.5
Refrigerant Charge Volume		kg	0.8	1	1.4	2.2	3.4
Loading quantity of outdoor units	40 ' GP/40 ' HQ	Unit	270/360	171/171	171/171	92/92	100/100
Indoor Unit							
Air flow volume(H/M/L)		CFM	1000/900/700	750/650/600	1250/1050/850	2100/1900/1600	2300/2000/1700
		m^3/h	589/530/412	441/383/353	736/618/500	1236/1118/942	1354/1176/1000
ESP	Range	Pa	0-50Pa (Low Static Pressure)	0-50Pa (Low Static Pressure)	0-120Pa (Medium Static Pressure)	0-150Pa (Medium-high Static Pressure)	0-200Pa (High Static Pressure)
Dimension (W × D × H)	Outline	mm	900/450/198	900/450/198	900/655/260	1340/655/260	1400/300/700
	Package	mm	1138/555/260	1138/555/260	1115/772/320	1568/770/323	1601/813/365
Net weight/Gross weight		kg	17/21.5	17/21.5	29.5/34.5	44/50	57/63
Panel	Outlinedimension (W×D×H)	mm	-	-	-	-	-
	Packagedimension (W×D×H)	mm	-	-	-	-	-
	Net Weight/Gross Weight	kg	-	-	-	-	-
Outdoor Unit							
Dimension (W × D × H)	Outline	mm	732/330/555	958/402/660	958/402/660	940/370/820	990/370/960
	Package	mm	794/376/615	1032/456/737	1032/456/737	1095/500/955	1153/478/1110
Net weight/Gross weight		kg	27.5/30	38.5/42.5	45/49	62/75	81/92
Connecting pipe	Outdoor diameter (Liquid pipe)	inch	1/4"	1/4"	1/4"	3/8"	3/8"
	Outdoor diameter (Gas pipe)	inch	1/2"	5/8"	5/8"	5/8"	5/8"
	Max. distance (Height/Length)	m	15/30	15/30	20/30	30/75	30/75

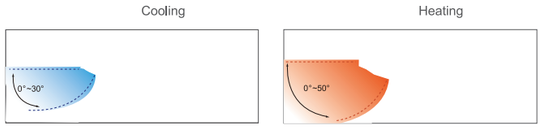
Floor Ceiling Type Indoor Unit

Compact Design



Wide Discharge Range

With cross-direction swing angle, the air supply range is efficiently wider.



Easy Maintenance

Convenient disassembly and maintenance thanks to unique design.

Flexible Installation

There are 2 installation methods: installation on ceiling or floor.

Microcomputer Control

The complete control functions are controlled by microcomputer which not only shows all running modes and temperatures but also has functions like malfunction diagnosis and data search.





INVERTER **HEATING&COOLING**

U-MATCH SERIES - FLOOR CEILING

BLACK DIAMOND FIN CONDENSER



BLACK FINS, WITH GREATER CORROSION RESISTANCE, SUITABLE FOR COASTAL AND HIGH-HUMIDITY ENVIRONMENTS.

Model			GFH-36MXU/O GTH-36ZD-MXU/I	GFH-48MXU/O GTH-48ZD-MXU/I	GFH-60MXU/O GTH-60ZD-MXU/I
Capacity	Cooling	W	10500	12100	16000
		Btu/h	35800	41285.2	54500
	Heating	W	10700	13500	17000
		Btu/h	36500	46062	52886
EER/COP		-	3.56/3.68	3.10/3.46	2.9/3.5
Power supply		V/Hz/Ph	220-240/60/1	220-240/60/1	220-240/60/1
SEER		BTU/hW	20	20	20
Power input	Cooling	W	2950	3900	5500
	Heating	W	2900	3900	4900
Current input	Cooling	A	12.82	17.8	25.5
	Heating	A	12.61	17.8	22.5
Refrigerant Charge Volume		kg	1.4	2.2	3.4
Loading quantity of outdoor units	40'GP/40'HQ	Unit	171/171	92/92	100/100
Indoor Unit					
Air flow volume(H/M/L)		CFM	1350/1200/1000	2000/1700/1400	2200/1900/1600
		m^3/h	794/706/589	1177/1000/824	1294/1118/941
ESP	Range	Pa	-	-	-
Dimension (W×D×H)	Outline	mm	1200/235/665	1570/235/665	1570/235/665
	Package	mm	1303/770/300	1669/770/300	1669/770/300
Net weight/Gross weight		kg	32/37	40/47	42/49
Panel	Outline	mm	-	-	-
	Package	mm	-	-	-
	Net Weight/Gross	kg	-	-	-
Outdoor Unit					
Dimension (W×D×H)	Outline	mm	958/402/660	940/370/820	990/370/960
	Package	mm	1032/456/737	1095/500/955	1153/478/1110
Net weight/Gross weight		kg	45/49	62/75	81/92
Connecting pipe	Outdoor diameter	inch	1/4"	3/8"	3/8"
	Outdoor diameter	inch	5/8"	5/8"	5/8"
	Max. distance	m	20/30	30/75	30/75

U-MATCH SERIES - FLOOR CEILING

INVERTER **COOLING ONLY** R32



BLACK DIAMOND FIN CONDENSER

BLACK FINS, WITH GREATER CORROSION RESISTANCE, SUITABLE FOR COASTAL AND HIGH-HUMIDITY ENVIRONMENTS.

Model			GKC-36MXU/O GTC-36ZD-MXU/I	GKC-48MXU/O GTC-48ZD-MXU/I	GFC-60MXU/O GTC-60ZD-MXU/I
Capacity	Cooling	W	8800	12500	16000
		Btu/h	30025	42650	54592
	Heating	W	-	-	-
		Btu/h	-	-	-
EER/COP		-	3.4/	3.2/	3.2/
Power supply		V/Hz/Ph	220-240/60/1	220-240/60/1	220-240/60/1
SEER		BTU/hW	18	19	18
Power input	Cooling	W	2588	3900	5000
	Heating	W	-	-	-
Current input	Cooling	A	11	18	22.5
	Heating	A	-	-	-
Refrigerant Charge Volume		kg	0.85	1.8	3
Loading quantity of outdoor units	40 ' GP/40 ' HQ	set	171/171	96/144	57/57
Indoor Unit					
Air flow volume(H/M/L)		m^3/h	1350/1200/1000	2100/1800/1500	2200/1900/1600
		CFM	794/706/589	1236/1059/883	1295/1118/942
ESP	Range	Pa	-	-	-
Dimension (W × D × H)	Outline	mm	1200/235/665	1570/235/665	1570/235/665
	Package	mm	1303/770/300	1669/770/300	1669/770/300
Net weight/Gross weight		kg	32.0/37.0	42/49	42/49
Panel	Outline dimension (W×D×H)	mm	-	-	-
	Package dimension (W×D×H)	mm	-	-	-
	Net Weight/Gross Weight	kg	-	-	-
Outdoor Unit					
Dimension (W × D × H)	Outline	mm	958/402/660	1000/427/746	978/412/1260
	Package	mm	1032/456/737	1080/483/810	1033/443/1405
Net weight/Gross weight		kg	40/44	50/55	91/100
Connecting pipe	Outdoor diameter (Liquid pipe)	inch	1/4"	3/8"	3/8"
	Outdoor diameter (Gas pipe)	inch	5/8"	5/8"	5/8"
	Max. distance (Height/Length)	m	20/30	30/75	30/75



EASY Perawatan Mudah

Inner Groove Copper

Wide Wide Voltage Startup

Self Diagnosis

Quality Motor

Outdoor Kuat

WIDE Dapat Beroperasi Di Suhu Ekstrim

Perlindungan Komprehensif

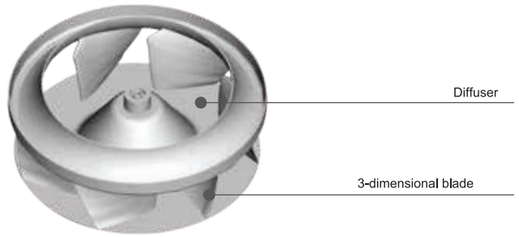


U Match

Cassette Type

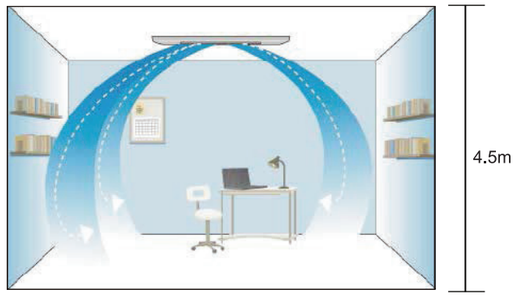
Cassette Type

Low noise with 3-dimensional Blade

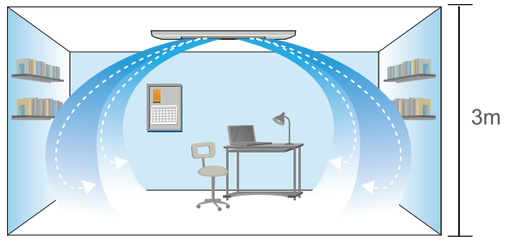


High Ceiling Applications

The 24K~60K units are applicable to the height below 4.5m

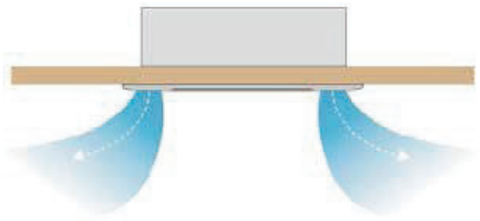


Units below 24K are applicable to the height below 3m.



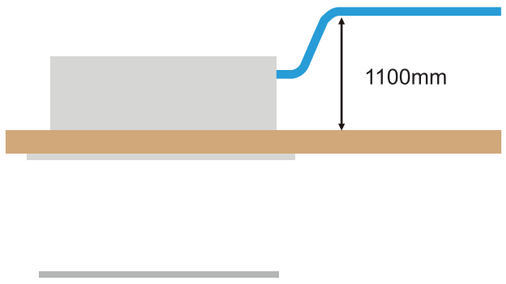
Comfortable Airflow

Air supply in different directions with 30~60 degrees of swing angle for even temperature distribution.



Water Drainage Pump

Drain pump fitted as standard with increased lift of 1100mm.





U-MATCH SERIES – CASSETTE TYPE

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Capacity	Cooling	W	5100	6817	10500	12100	14500
		Btu/h	17401	23260	35800	41285.2	49400
	Heating	W	5300	7298	10700	13500	17000
		Btu/h	18084	24900	36500	46062	58000
EER/COP		-	3.6/4	3.4/3.76	3.44/3.69	3.10/3.46	2.6/2.9
Power supply		V/Hz/Ph	220-240/60/1	220-240/60/1	220-240/60/1	220-240/60/1	220-240/60/1
SEER		BTU/hW	20	20	20	20	20
Power input	Cooling	W	1417	2060	3050	3900	5580
	Heating	W	1325	2020	2900	3900	5850
Current input	Cooling	A	6.8	9.52	13.2	17.8	25.5
	Heating	A	6.5	9.3	12.61	17.8	26.77
Refrigerant Charge Volume		kg	0.8	1	1.4	2.2	3.4
Loading quantity of outdoor units	40 ' GP/40 ' HQ	Unit	270/360	171/171	171/171	92/92	100/100
Indoor Unit							
Air flow volume(H/M/L)		CFM	650/600/500	1080/920/865	1350/1200/1050	1900/1700/1500	2100/1900/1600
		m^3/h	383/353/294	639/541/509	794/706/618	1118/1000/882	1235/1118/941
ESP	Range	Pa	-	-	-	-	-
Dimension (W × D × H)	Outline	mm	570/570/265	840/840/200	840/840/200	840/840/240	840/840/290
	Package	mm	698/653/295	943/923/245	943/923/245	933/903/272	933/903/335
Net weight/Gross weight		kg	17/21	20.0/26.0	21/27	23/29	25/32
Panel	Outline	mm	620/620/47.5	950/950/52	950/950/52	950/950/52	950/950/52
	Package	mm	693/693/115	1033/1020/125	1033/1020/125	1033/1020/110	1033/1020/110
	Net Weight/Gross	kg	3/4.5	6/9.5	6/9.5	6/9.5	6/9.5
Outdoor Unit							
Dimension (W × D × H)	Outline	mm	732/330/555	958/402/660	958/402/660	940/370/820	990/370/960
	Package	mm	794/376/615	1032/456/737	1032/456/737	1095/500/955	1153/478/1110
Net weight/Gross weight		kg	27.5/30	38.5/42.5	45/49	62/75	81/92
Connecting pipe	Outdoor diameter	inch	1/4"	1/4"	1/4"	3/8"	3/8"
	Outdoor diameter	inch	1/2"	5/8"	5/8"	5/8"	5/8"
	Max. distance	m	15/30	15/30	20/30	30/75	30/75



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Capacity	Cooling	W	5300	7100	8500	12500	16000
		Btu/h	18084	24200	29000	42650	54592
	Heating	W	-	-	-	-	-
		Btu/h	-	-	-	-	-
EER/COP		-	3.12/	3.45/	3.20/	3.1/	3.2/
Power supply		V/Hz/Ph	220-240/50/60/1	220-240/50/60/1	220-240/50/60/1	220-240/50/60/1	220-240/50/60/1
SEER		BTU/hW	19	19	18	19	17
Power input	Cooling	W	1698	2055	2656	4030	5000
	Heating	W	-	-	-	-	-
Current input	Cooling	A	7.5	9.4	12.5	18	22.5
	Heating	A	-	-	-	-	-
Refrigerant Charge Volume		kg	0.69	0.9	0.85	1.8	3
Loading quantity of outdoor units	40 ' GP/40 ' HQ	set	213/284	171/171	171/171	96/144	57/57
Indoor Unit							
Air flow volume(H/M/L)		m3/h	650/600/500	1200/1100/900	1200/1100/900	2100/1900/1600	2100/1900/1600
		CFM	383/353/294	706/647/530	706/647/530	1236/1118/942	1236/1118/942
ESP	Range	Pa	-	-	-	-	-
Dimension (W × D × H)	Outline	mm	570/570/265	840/840/200	840/840/200	840/840/290	840/840/290
	Package	mm	698/653/295	943/923/245	943/923/245	933/903/335	933/903/335
Net weight/Gross weight		kg	17/21.5	21/27	21.0/27.0	25/31	25/31
Panel	Outlinedimension (W×D×H)	mm	620/620/47.5	950/950/52	950/950/52	950/950/52	950/950/52
	Package dimension (W×D×H)	mm	693/693/115	1033/1020/110	1033/1020/110	1033/1020/110	1033/1020/110
	Net Weight/Gross Weight	kg	3/4.5	6/9.5	6/9.5	6/9.5	6/9.5
Outdoor Unit							
Dimension (W × D × H)	Outline	mm	802/350/555	958/402/660	958/402/660	1000/427/746	978/412/1260
	Package	mm	872/398/620	1032/456/737	1032/456/737	1080/483/810	1033/443/1405
Net weight/Gross weight		kg	27/29.5	38.5/42.5	40/44	50/55	91/100
Connecting pipe	Outdoor diameter (Liquid pipe)	inch	1/4"	1/4"	1/4"	3/8"	3/8"
	Outdoor diameter (Gas pipe)	inch	1/2"	5/8"	5/8"	5/8"	5/8"
	Max. distance (Height/Length)	m	10/30	20/30	20/30	30/75	30/75

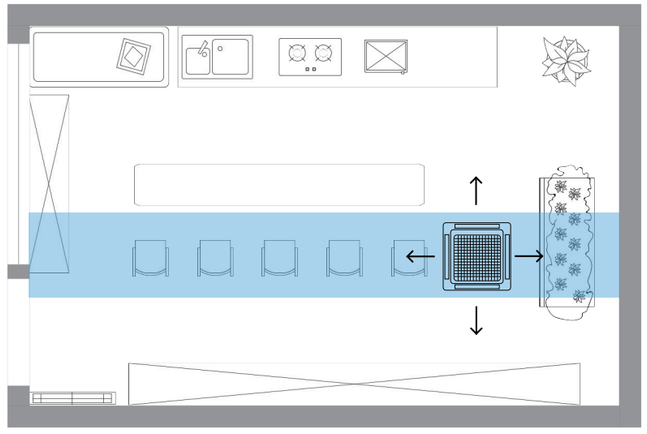






Commercial Space-Bar

U-match Cassette is generally the first choice for small public commercial spaces, and Gree's after-sales policy ensures that entrepreneurs can use it with peace of mind.Meet the needs of commercial places such as coffee shops, restaurants, and beauty shops



GREE

■ Pattern Meaning



■ Environmental Information

Usage Area

Offices, conference rooms, shops like coffee shops, bakeries, etc.