Smart & Energy efficient

- Air Conditioning
- Ventilation
- Sanitary Water Production

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kW		1.5	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	14.1	15.8	22.4	28.0
			7k	9k	12k	15k	18k	21k	24k	28k	30k	36k	42k	48k	54k	76k	96k
4 th generation Wall Mounted	Artcool Gallery		•	•	•												
	Artcool Mirror	•	•	•	•	•	•		•								
	Standard	•	•	•	•	•	•		•		•	•					
4 th generation Ceiling Mounted Cassette	4 Way Cassette (570 x 570)	•	•	•	•	•	•	•									
	4 Way Cassette (840 x 840)								•	•	•	•	•	•			
	4 Way Cassette High Sensible (840 x 840)	•	•	•	•	•	•		•	•		•	•	•			
	Round Ceiling Cassette								•			•		•			
	2 Way Cassette			•	•		•		•								
	1 Way Cassette		•	•	•		•		•								

2450	kw	1.5	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	14.1	15.8	22.4	28.0
		5k	7k	9k	12k	15k	18k	21k	24k	28k	30k	36k	42k	48k	54k	76k	96k
4 th generation Ceiling Concealed Duct	Mid / High Statics		•	•	•	•	•		•	•		•	•	•	•	•	•
	Low Static (Slim)	•	•	•	•	•	•	•	•								
	High Sensible		•	•	•	•	•		•	•		•	•	•			
4 th generation Fresh Air Intake																•	•
4 th generation Ceiling & Floor Convertible				•	•												
4 th generation Ceiling Suspend	ded						•		•			•		•			
4 th generation Console			•	•	•	•											
4ª generation Floor Standing	Floor Standing with Case		•	•	•	•	•		•								
	Floor Standing without Case		•	•	•	•	•		•								
Commercial PA	c 🖉													•			•

Powerful Heating Performance

More reliable heating operation is provided at down to -30°C and 100% heating performance at -10°C. Provides more stable and powerful heating condition at the unexpected extreme environment.



Powerful Cooling Performance

More reliable up to 52°C in cooling operation, and 100% cooling performance is maintained up to 43°C. Able to enjoy comfortable indoor condition at the unexpected extreme environment.



Improved Corrosion Resistance

"Corrosion Resistance Black Fin and Panel" are designed for better Corrosion Resistance.



How Can We Save Energy with

- Al Smart Care
- Al Smart Metering
- Al Energy Management



AI Smart Care

Power Saving Mode is initiated with a deep learning algorithms that enable it to self-learn.



AI Energy Management

Able to preset monthly energy usage target that has been previously set. By Comparing and analyzing previous power consumption of the current month and planned daily energy usage, overuse of the HVAC system operational costs can be prevented by AI Energy management.



Noise Target Control

The outdoor unit noise can be restricted by the target noise level in some cases



Lower Carbon Applications with Hydro Kit

Provides floor heating and hot water supply as well as space heating & cooling. It is a more environmentally friendly system with higher energy efficiency and less carbon emission.



Features

- Provides a variety of design options with all type of Hydro Kits.
- The Hydro Kit of high temp. provides hot water with maximum 80°C.
- Increases energy efficiency by waste heat recovery.

HYDRO KIT										
	Туре		Medium	n Temp.	High Temp.					
	Model		<mark>04</mark> GK2A4	10GK2A4	04GK3A4	08GK3A4				
	Casing			0 						
Conceitu	Cooling	kW(kBtu/h)	12.3(42)	28.0(96)	-	-				
Capacity	Heating	kW(kBtu/h)	13.8(47)	31.5(107)	13.8(47)	25.2(86)				
Water Outlet	Cooling	°C	Ļ	5	-					
Temp.	mp. Heating °C			0	80					
Dimensions (WxHxD) mm			520x63	31x330	520x1,080x330					
Combination	Only HYDRO KIT	%	50 ~	· 100	50 ~ 100					
Ratio.	tio. HYDRO KIT %		50 ~	· 130	50 ~ 130					

WALL MOUNTED HYDRO KIT										
	Туре		Medium Temp.							
	Model		18GK1A4	30GK1A4						
	Casing									
	Cooling	kW(kBtu/h)	5.6(18)	7.1(24)	9.0(30)					
Сараску	Heating	kW(kBtu/h)	5.6(18)	7.1(24)	9.0(30)					
Water Outlet	Cooling	°C	5							
Temp.	Heating	°C	50							
Dimensio	ons (WxHxD)	mm	490x850x315							
Combination	Only HYDRO KIT	%	50 ~ 100							
Ratio.	HYDRO KIT + Standard IDUs	%	50 ~ 130							



Features

- ERV can be installed easily to communicate with other IDUs and the ODU.
- Humidification by referring to the real-time indoor humidity by remote controller
 *Embedded Humidity sensor
- CO2 sensor & monitoring the environment information by Remote controller

Refrigerant Leak Detector

I/O Module and Dry Contact connectable with Leak Detectors (Audible/ Visible)



Features

- Easy delivery and service due to the applicability of local valves and detectors with the I/O module.
- Status (alarm) monitoring with a centralized control
- When refrigerant leak is detected, the refrigerant is stored in the outdoor unit, then the valves along the pipes are closed for safety. (No need for an additional receiver tank for refrigerant storage)

Controllers





Ahead of the Expected