



# UNDER - CEILING

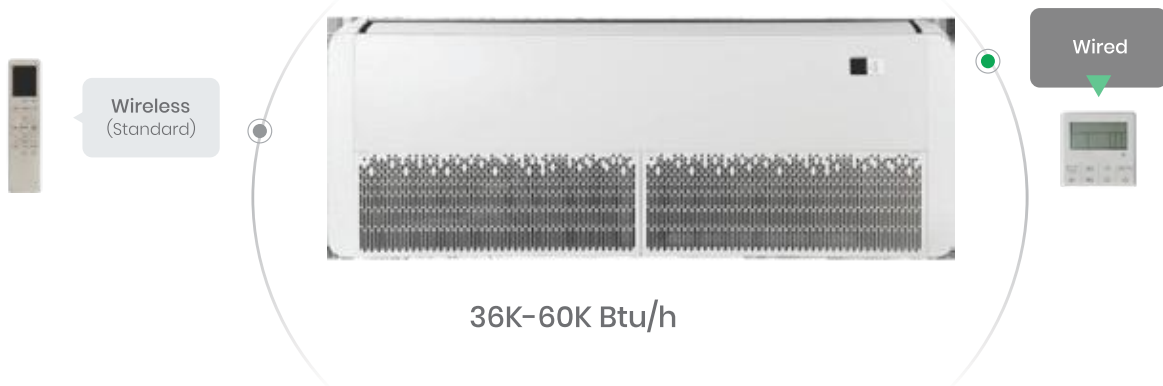
Commercial Airconditioner



[www.sirair.co.za](http://www.sirair.co.za)

# Floor & Ceiling Unit

Controller

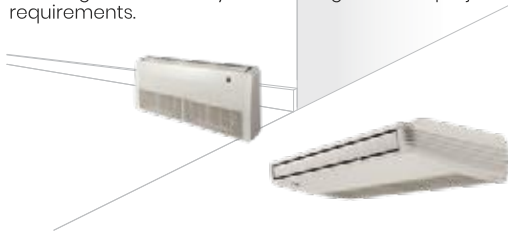


## Features



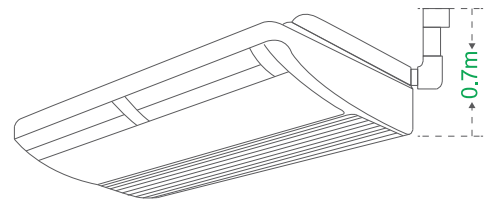
### Flexible installation

Flexible installation, you can choose ceiling suspended and floor standing installation style according to actual project requirements.



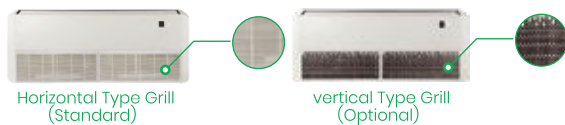
### Water pump

External water pump is optional, the pumping head is up to 700mm.



### 2 types of Grills available

Two types of grills are available, horizontal stripes and vertical stripes.



### Display panel

Digital display is standard, on the right side. It is more intuitive and simple, and error code can be shown in the display.



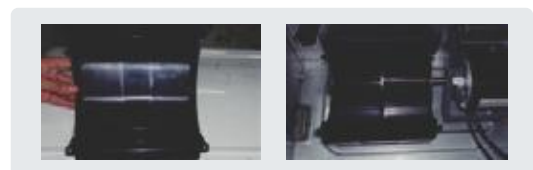
### 3D airflow

Auto-swing function, built-in 3 louver motors, realize vertical and horizontal air-flow adjustment.

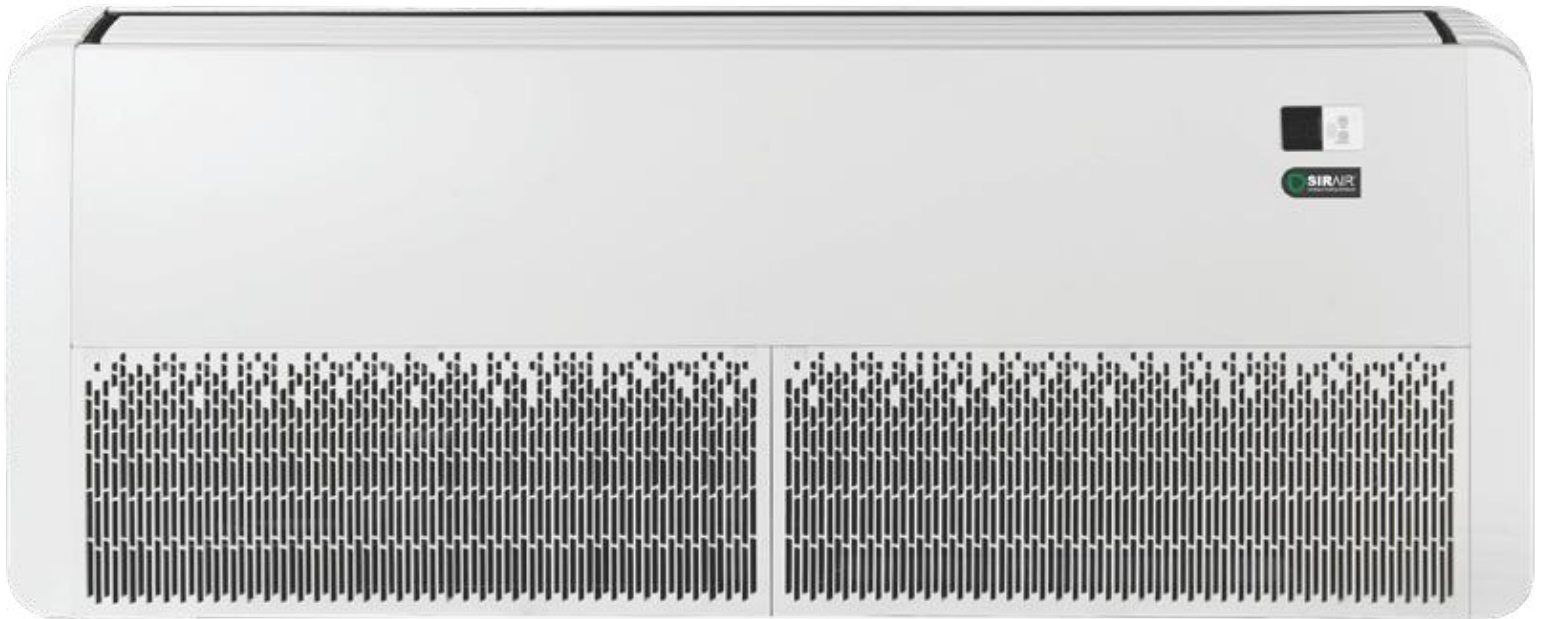


### Easy maintenance

New upper and lower buckle type wheel case, the upper wheel case can be removed alone, which is convenient to adjust the wheel motor.



# Specification



## R410a Heat Pump



Indoor unit			GS-UNC18ID-INV/1p	GS-UNC24ID-INV/1p	GS-UNC36ID-INV/1p	GS-UNC48ID-INV/3p	GS-UNC60ID-INV/3p
Power supply		V/N/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity							
Cooling	Capacity	kW	5.3	7.0	10.5	14.0	16.0
Heating	Capacity	kW	5.3	7.0	10.5	14.0	17.6
Physical data							
Indoor air flow(high speed)		m <sup>3</sup> /h	1100	1200	1600	2100	2100
Indoor noise level		dB(A)	49-53	48-52	51-57	46-55	46-55
Dimension(WxHxD)		mm	1050×675×235	1050×675×235	1250×675×235	1670×675×235	1670×675×235
Packing(WxHxD)		mm	1130×765×330	1130×765×330	1380×765×325	1750×765×325	1750×765×325
Net/Gross weight		kg	26.5/31	26.5/31	32/37	40/46	40/46
Piping data							
Refrigerant liquid/gasg side		mm	Φ6.35/ Φ12.7	Φ9.52/ Φ15.88	Φ9.52/ Φ15.88	Φ9.52/ Φ15.88	Φ9.52/ Φ15.88
Drainage pipe		mm	DN25	DN25	DN25	DN25	DN25

### Note

- 1.The cooling condition T1 condition: indoor side 27°C(80.6 °F) DB, 19 °C(60 °F) WB, outdoor side 35 °C(95 °F) DB.
- 2.The heating condition: indoor side 20°C(68 °F) DB, 15 °C(44.6 °F) WB, outdoor side 7 °C(42.8 °F) DB.
- 3.Sound level: measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4.The above data may be changed without notice for future improvement on quality and performance.



# DC Inverter Mono LCAC Universal Outdoor Unit



## Features



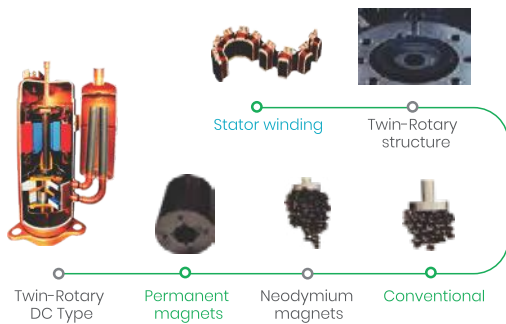
### DC inverter compressor

High efficiency rotary DC inverter compressor, system can operate in the best performance due to adjustable frequency.



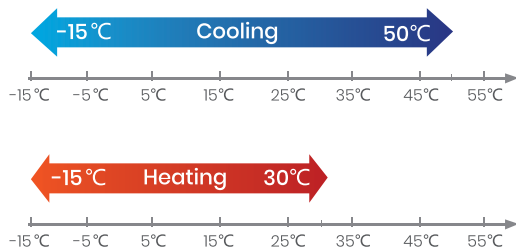
### Brand-new design

Brand-new outdoor unit design, external stop valve for easy installation and maintenance, there is also plastic cover to protect it from environmental erosion and accidental damage.



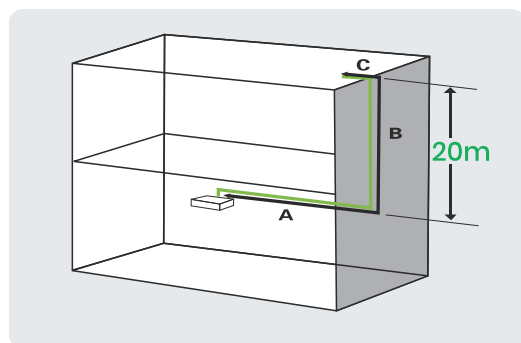
### Wide operation range

Wide outdoor operation range, realize normal running in the critical conditional.



### Refrigerant piping

Long piping design, for  $\geq 10.5\text{kW}$ , the MAX pipe length is 50m, and height difference is 20m.





# Specification



## R410a Heat Pump



Outdoor unit			GS-180D-INV/1p	GS-240D-INV/1p	GS-360D-INV/1p	GS-360D-INV/3p	GS-480D-INV/1p	GS-480D-INV/3p	GS-600D-INV/3p
Power supply		V/N/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50	380-415/3/50
Cooling capacity	kW		5.3	7.0	10.5	10.5	14.0	14.0	16.0
Heating capacity	kW		5.3	7.0	10.5	10.5	14.0	14.0	17.6
Max. input consumption	W		2200	3220	3800	3800	4900	4900	6400
Max. current	A		9.6	14.0	16.5	6.0	21.3	7.7	11.5
Physical data									
Compressor			DC/Rotary	DC/Rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary
Outdoor noise level			≤51	≤53	≤57	≤57	≤58	≤58	≤58
Outdoor unit	Net(WxHxD)	mm	804×304×496	880×345×555	1032×445×807	1032×445×807	1032×445×807	1032×445×807	985×400×1335
	Packing(WxHxD)	mm	850×350×550	915×380×605	1075×495×875	1075×495×875	1075×495×875	1075×495×875	1010×415×1445
	Net/Gross weight	kg	28.2/30.0	34.2/36.7	60.5/64.5	60.5/64.5	66.5/70.5	67.3/70.6	80.0/90.0
Refrigerant type/quantity			R410A/1400	R410A/1600	R410A/2300	R410A/2300	R410A/3250	R410A/3250	R410A/3400
Refrigerant piping	Liquid/Gas side	mm	Φ6.35/ Φ12.7	Φ9.52/ Φ15.88	Φ9.52/ Φ15.88	Φ9.52/ Φ15.88	Φ9.52/ Φ15.88	Φ9.52/ Φ15.88	Φ9.52/ Φ15.88
	Max.pipe length	m	15	20	50	50	50	50	50
	Max.high drop	m	8	10	20	20	20	20	20
Ambient temp.	Cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-30	-15-30	-15-30	-15-30	-15-30	-15-30	-15-30

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