

SPECIFICATIONS*



Model	Indoor Unit		GXX18SCR	GBX24SCR	GBX36SCR	GXX18SCR	GXX24SCR	GXX30SCR	GXX42SCR
	Outdoor Unit		GUX18SCR	GUX24SCR	GUX36SCR	GUX18SCR	GUX24SCR	GUX30SCR	GUX42SCR
		Type	Duct	Duct	Duct	Cassette	Cassette	Cassette	Cassette
Total Capacity	Cooling	kW	5000	7000	10000	5000	7000	8300	11000
		Btu/h	17060	23884	34120	17060	23884	28319.6	37532
	Heating	kW	5500	8000	12000	5500	8000	9200	12500
		Btu/h	18766	27296	40944	18766	27296	31390.4	42650
SEER / SCOP		W/W	5.6/3.8	6.1/4.0	5.6/4.0	5.6/3.8	6.1/4.0	6.1/4.0	5.6/4.0
EER / C.O.P		W/W	3.12/3.48	3.21/3.62	3.12/3.53	3.12/3.48	3.21/3.62	3.11/3.58	2.82/3.29
		Btu/h.W	10.66/11.88	10.96/12.35	10.66/12.04	10.66/11.88	10.96/12.35	10.61/12.21	9.62/11.22
Power supply		V-Hz-Ph	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1
Power input	Cooling	kW	2.50	3.80	4.65	2.50	3.80	3.90	4.75
	Heating	kW	2.40	4.0	4.75	2.40	4.0	4.10	4.90
Current input	Cooling	kW	7.20	10.10	15.00	7.20	10.10	12.40	18.10
	Heating	kW	7.60	10.20	15.50	7.60	10.20	12.00	17.60
Refrigerant charge volume		kg	1.4	2.2	3.5	1.4	2.2	2.4	3.70
Indoor Unit	Sound Pressure Level (H/M/L)	dB (A)	46/44/37	46/44/40	52/48/44	46/44/37	46/42/38	48/45/40	46/46/43
	Air flow volume (H/M/L)	CFM	447.26	823.9	1235.85	447.26	765.05	882.75	1094.61
		m ³ /h	760	1400	2100	760	1300	1500	1860
	ESP	Rated	Pa	0	25	37	0	0	0
		Range	Pa	0	0-75	0-100	0	0	0
	Dimension (WxDxH)	Outline	mm	596x596x240	1279x558x268	1226x775x290	596x596x240	840x840x240	840x840x320
		Package	mm	773x773x300	1348x597x283	1338x877x305	773x773x300	963x963x325	963x963x409
	Net Weight	kg	20.0	34.0	46.0	20.0	26.0	31.0	31.0
Gross Weight		kg	24.0	39.0	53.0	24.0	32.0	38.0	38.0
Panel	Dimension (WxDxH)	Outline	mm	670x670x50	-/-	-/-	670x670x50	950x950x60	950x950x60
		Package	mm	763x763x105	-/-	-/-	763x763x105	1028x1043x130	1028x1043x130
Net Weight		kg	3.5	-/-	-/-	3.5	7	7	7
Gross Weight		kg	5.0	-/-	-/-	5.0	11	11	11
Outdoor Unit	Sound Pressure Level (H/M/L)	dB (A)	56/-/-	57/-/-	63/-/-	56/-/-	57/-/-	58/-/-	61/-/-
	Dimension (WxDxH)	Outline	mm	955x396x700	980x427x790	1107x440x1100	955x396x700	980x427x790	980x427x790
		Package	mm	1029x458x750	1083x488x855	1158x493x1236	1029x458x750	1083x488x855	1083x488x855
	Net Weight	kg	47.0	67.0	92.0	47.0	67.0	71.0	95.0
Gross Weight		kg	50.0	72.0	100.0	50.0	72.0	76.0	105.0
Connection Pipe	Outer Diameter	Liquid Pipe	Inch(mm)	1/4	3/8	3/8	1/4	3/8	3/8
		Gas Pipe	Inch(mm)	1/2	5/8	5/8	1/2	5/8	5/8
	Max Distance	Height	m	15	15	15	15	15	30
		Length	m	20	30	30	20	30	50
Loading quantity		40'GP	95	76	45	95	64	49	45
		40'HQ	105	89	60	105	71	69	48

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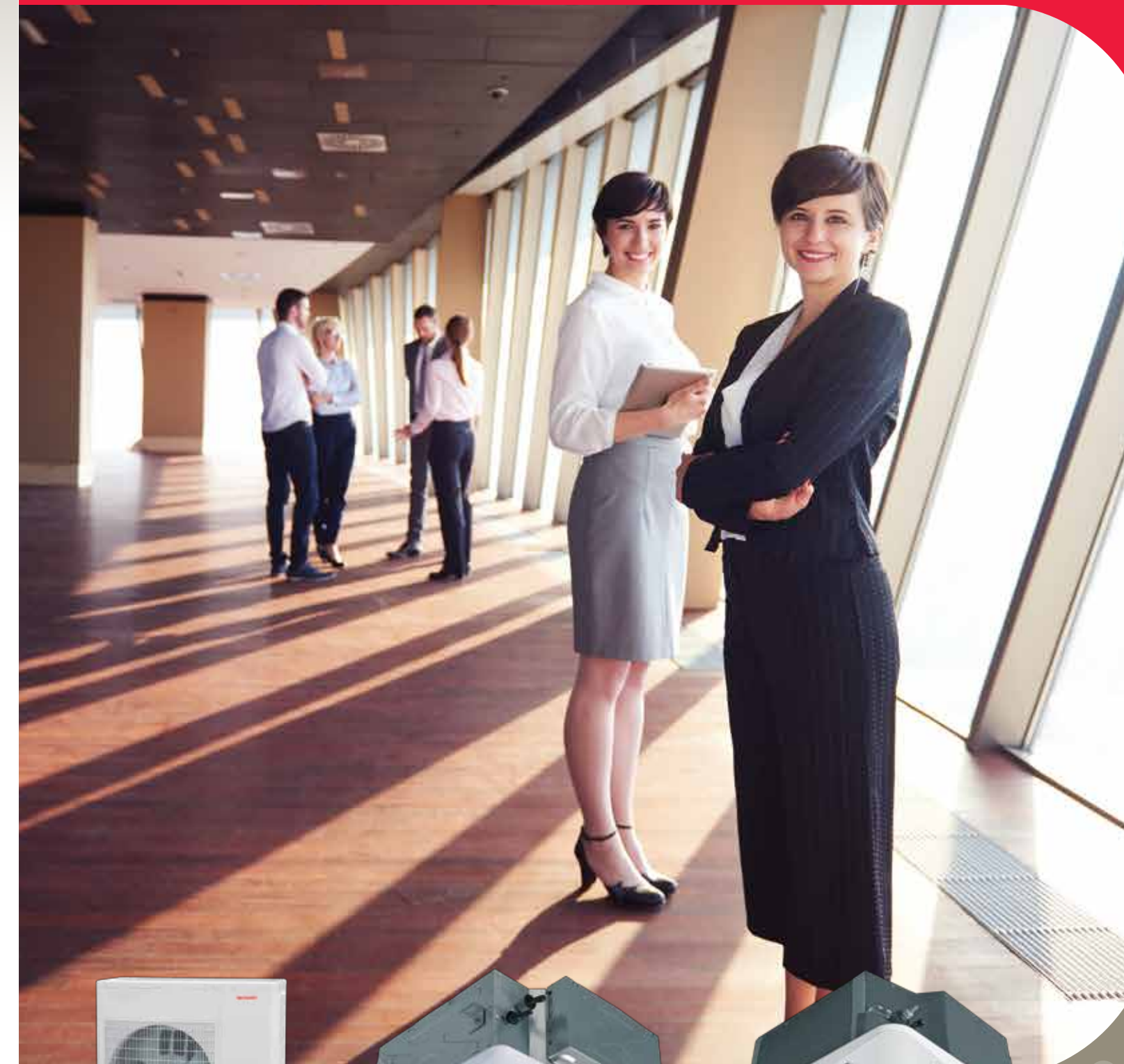


SPECIFICATIONS*



Model	Indoor Unit		GX-A18TCV	GX-A24TCV	GX-A30TCV	GX-A36TCV	GX-A42TCV
	Outdoor Unit		GU-A18TCV	GU-A24TCV	GU-A30TCV	GU-A36TCV	GU-A42TCV
		Type	Cassette	Cassette	Cassette	Cassette	Cassette
Total Capacity	Cooling	kW	5.00	7.00	8.50	10.00	12.00
		Btu/h	17100	23900	29000	34100	40900
	Heating	kW	5.40	7.60	9.00	11.50	13.50
		Btu/h	18400	25900	30700	39200	46100
EER / C.O.P		W/W	2.50/2.84	2.80/3.30	3.15/3.46	2.86/3.48	2.86/3.38
		Btu/h.W	8.55/9.68	9.55/11.25	10.74/11.81	9.74/11.88	9.74/11.52
Power supply		V-Hz-Ph	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1
Power input ¹	Cooling	kW	2.00	2.50	2.70	3.50	4.20
	Heating	kW	1.90	2.30	2.60	3.30	4.00
Max. Power input ²	Cooling	kW	2.50	3.20	3.70	4.70	5.70
	Heating	kW	2.10	3.10	3.60	4.50	5.20
Rated current ¹	Cooling	A	9.20	10.70	11.00	8.00	8.00
	Heating	A	8.60	9.60	10.00	7.50	7.80
Max. current ²	Cooling	A	13.50	16.00	18.00	11.00	11.50
	Heating	A	11.00	15.50	16.50	10.50	11.00
Refrigerant	Type	—	—	R410A	R410A	R410A	R410A
	Charge	kg	kg	1.3	1.5	1.8	2.2
Throttling Method		—	—	Electronic expansion valve/Electronic expansion valve	Electronic expansion valve/Electronic expansion valve	Electronic expansion valve/Electronic expansion valve	Electronic expansion valve/Electronic expansion valve
Air Flow Volume (rated EXP)		CFM	423.72	853	882.75	971.025	971.025
		m ³ /h	720	1450	1500	1650	1650
Indoor Unit	Sound Pressure Level (H/M/L)	dB (A)	49/47/46	48/47/46	50/49/48	47/46/43	47/46/43
	Sound Power Level (H/M/L)	dB (A)	59/57/56	58/57/56	60/59/58	57/56/53	57/56/53
Dimension (WxDxH)	Outline	mm	665x595x240	840x840x240	840x840x240	850x850x325	850x850x325
	Package	mm	778x738x300	963x963x325	963x963x325	963x963x409	963x963x409
Net Weight		kg	20.0	27.0	27.0	32.0	32.0
Gross Weight		kg	25.0	35.0	35.0	41.0	41.0
Panel	Outline Dimension (WxDxH)	mm	670x670x50	950x950x60	950x950x60	950x950x60	950x950x60
	Package Dimension (WxDxH)	mm	763x763x105	1033x1038x133	1033x1038x133	1033x1038x133	1033x1038x133
Net Weight		kg	3.5	7	7	7	7
Gross Weight		kg	5.0	11	11	11	11
Outdoor Unit	Sound Pressure Level (H/M/L)	dB (A)	56	54	59	60	60
	Sound Power Level (H/M/L)	dB (A)	66	64	69	70	70
Dimension (WxDxH)	Outline	mm	955x395x700	955x395x700	980x425x790	980x425x790	1120x440x1100
	Package	mm	37.6x15.6x27.6	37.6x15.6x27.6	38.6x16.7x31.1	38.6x16.7x31.1	44.1x17.3x43.3
Net Weight		kg	53.0	61.0	69.0	69.0	100.0
Package		mm	763x763x105	1033x1038x133	1033x1038x133	1033x1038x133	1033x1038x133
Net Weight		kg	3.5	7	7	7	7
Gross Weight		kg	5.0	11	11	11	11
Valve Connection Type		—	Screw thread joint	Screw thread joint	Screw thread joint	Screw thread joint	Screw thread joint
Length		m	5	5	5	5	5
Gas additional charge		g/m	22	54	54	54	110.0
Outer Diameter	Liquid Pipe	Inch	1/4"	3/8"	3/8"	3/8"	1/2"
	Gas Pipe	Inch	1/2"	5/8"	5/8"	3/4"	3/4"
Max Distance	Height	m	15	15	15	15	30
	Length	m	15	15	30	30	30
Loading quantity	Outdoor Unit	20'GP	81	81	44	44	22
		40'GP	171	171	96	96	48
	40'HQ	171	171	144	144	96	
	Outdoor Unit and Indoor Unit (within panel)	20'GP	45	27	24	22	18
40'GP		97	60	56	51	40	
		40'HQ	108	67	61	56	50

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LIGHT COMMERCIAL AIR CONDITIONER
 QUALITY & COMFORT IN YOUR SPACE

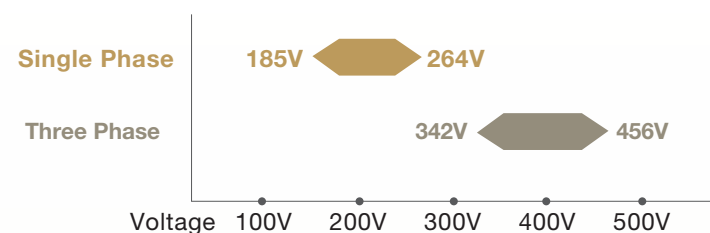
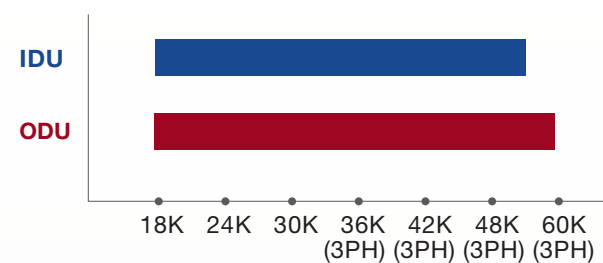


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BETTER QUALITY, BETTER RELIABILITY & BETTER COMFORT

Introducing the new SHARP Light Industrial Air Conditioner with various types of indoor unit such as duct and cassette. Different horse power varies from single phase 220-240V (50Hz) to three phase 380-415V (50Hz) with type R410A refrigerant, both phases enhanced with wider voltage range. Suitable to be installed in villas, office buildings, hotels, restaurant and etc.



LIGHT BOARD DISPLAY

The front panel of cassette type unit and the floor ceiling type unit are equipped with light board, and the duct type unit can choose to be equipped with light board.



Light Board for Cassette Type Unit



Light Board for Duct Type Unit

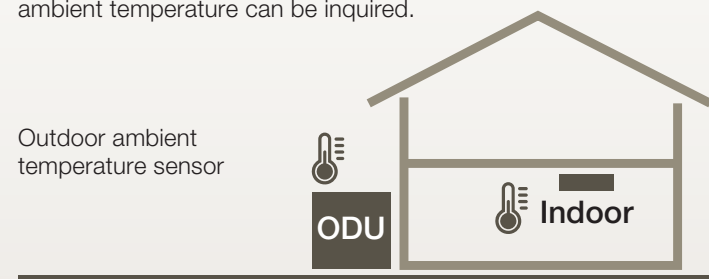
VARIOUS PROTECTION

There are various protections to make the operation of the unit more reliable, such as:

- Compressor high/low pressure protection
- Indoor anti-freeze protection
- Anti-high temperature protection
- Compressor overload protection
- Compressor high discharge temperature protection
- Communication malfunction
- Malfunction of temperature sensor (evaporator, condenser, discharge temperature sensor, etc.)
- Direction changing malfunction of 4-way valve

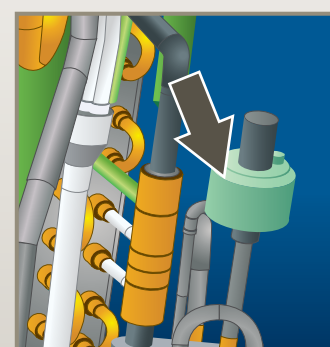
ENQUIRY OF AMBIENT TEMPERATURE

Both the outdoor ambient temperature and indoor ambient temperature can be inquired.



BETTER THROTTLING METHOD

Electronic expansion valve could adjust the throttling open angle. Under high ambient temperature, throttling open angle would be larger so the units would not be easy to emerge high temperature protection or high pressure protection.



Under low ambient temperature, throttling open angle would become smaller or prevent the liquid attack to compressor.



INVERTER SERIES

It is a kind of split system that the outdoor unit can be freely connected to different types of indoor units according to various indoor decoration requirements.



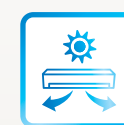
Built-in drain pump



High efficiency



Intelligent defrosting



Anti-cold function



Comprehensive protection



Compact design



Easier maintainability

- Double ambient temperature sensor design makes a precision temperature monitoring
- Low start-up current thanks to power delay control design
- Higher efficiency thanks to sine wave DC inverter compressor control
- High reliability and easy maintenance thanks to one piece integrated PCB board

INDOOR UNIT

Duct type

- Drain pump fitted as optional with increased lift of 1100mm
- Fresh air inlet and air valve control function improve the indoor air quality
- Flexible air in/outlet and condensing water outlet direction according to different installation requirements
- Optimized air duct design improves the performance and lower the noise

Cassette type

- Drain pump fitted as standard with increased lift of 1100mm
- Special low noise fan design
- Different swing angle design for cooling and heating mode for better comfort

Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	
Cooling	35	24	27	19	-15~48 (with low ambient cooling) 18~48 (without low ambient cooling)

UNIT LINEUP (INVERTER)

Capacity Index (Btu/h)		18K	24K	30K	36K	42K	
Outdoor Unit	Model	GUX18SCR	GUX24SCR	GUX30SCR	GUX36SCR	GUX42SCR	
	Picture						
Indoor Unit	Duct	Model	GBX18SCR	GBX24SCR	-	GBX36SCR	
		Picture					
	Cassette Inverter	Model	GXX18SCR	GXX24SCR	GXX30SCR	-	GXX42SCR
		Picture					

UNIT LINEUP (NON-INVERTER)

Capacity Index (Btu/h)		18K	24K	30K	36K	42K	
Outdoor Unit	Model	GUA18TCV	GUA24TCV	GUA30TCV	GUA36TCV	GUA42TCV	
	Picture						
Indoor Unit	Cassette	Model	GXA18TCV	GXA24TCV	GXA30TCV	GXX36SCR	GXA42TCV
		Picture					

DRAIN PUMP

Capacity Index	18000Btu	24000Btu	30000Btu	36000Btu	42000Btu
Duct Type	▲	▲		▲	
Cassette	●	●	●		●

Features: ● Standard ▲ Optional

