

# DUCTED INVERTER



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## In Ceiling Ducted Inverter Type Air-conditioner With Japanese Technology



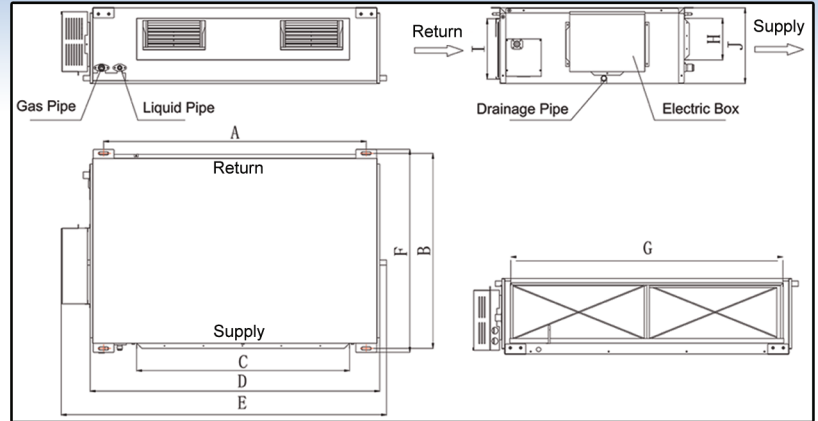
**24k Unit**



**36k - 60k Unit**



### CGI12 / GDI12 - CGI60/ GDI60



	A	B	C	D	E	F	G	H	I	J
12k Unit	932	430	740	892	1010	721	739	125	200	265
18k Unit	932	430	738	892	1012	736	738	125	200	266
24k Unit	1101	515	820	1159	1270	530	1002	160	235	268
36k Unit	1011	748	820	1115	1226	775	979	160	231	290
48k Unit	1015	788	820	1115	1226	815	979	160	261	330
60k Unit	1353	632	992	1300	1463	799	1150	192	343	389

### SPECIFICATIONS

Model No Outdoor / Indoor			CGI12 / GDI12	CGI18 / GDI18	CGI24 / GDI24	2CGI36 / 2GDI36	2CGI48 / 2GDI48	2CGI60 / 2GDI60						
Power supply			220V / 1PH / 50Hz	220V / 1PH / 50Hz	220V / 1PH / 50Hz	220V / 1PH / 50Hz	380V / 3PH / 50Hz	380V / 3PH / 50Hz						
Performance														
Capacity	Cooling	BTU/h	12000	18000	24000	34120	48000	60000						
		W	3500	5300	7000	10000	14000	17000						
	Heating	BTU/h	13000	21000	25500	39238	56300	62000						
		W	3800	6150	7500	11500	15500	18000						
Sound Pressure Level ( H / M / L )		Indoor	dB(A) 37 / 35 / 33		42 / 38 / 36		47 / 44 / 42		63 / 60 / 56		63 / 60 / 56		64 / 61 / 58	
		Outdoor	dB(A) 54		57		59		71		71		73	
External Static Pressure			Pa 25		25		25		37		50		50	
Air Flow Volume (High Fan)			m³/h 840		1000		1600		2300		2500		3150	
E.E.R. / C.O.P.			w/w 3.25 / 3.9		3.21 / 3.62		3.21 / 3.62		3.21 / 3.61		3.22 / 3.67		3.21 / 3.61	
Power														
Input power	Cooling	W	1077	1650	2180	3115	4350	5290						
	Heating	W	0,974	1700	2070	3180	4500	4980						
Running Current	Cooling	A	9,8	12,9	17,6	22,7	10,9	12						
	Heating	A	9,3	12,4	16,5	22,2	10,5	11,5						
Other														
Refrigerant		kg	R410A / 1.35	R410A / 1.4	R410A / 2.4	R410A / 38	R410A / 4.3	R410A / 5.5						
Tubing Size	Gas	mm / inch	9.53 / 3/8"	12.7 / 1/2"	15.88 / 5/8"	15.88 / 5/8"	15.88 / 5/8"	19.05 / 3/4"						
	Liquid	mm / inch	6.35 / 1/4"	6.35 / 1/4"	9.53 / 3/8"	9.35 / 3/8"	9.35 / 3/8"	9.35 / 3/8"						
Tubing Distance (Max.)	Length	m	20	20	30	30	50	50						
	Height	m	15	15	15	15	30	30						
Dimension														
Indoor unit	W x H x D	mm	1010 x 721 x 265	1012 x 266 x 736	1270 x 268 x 530	1226 x 290 x 775	1226 x 330 x 815	1463 x 389 x 799						
Outdoor unit	W x H x D	mm	776 x 540 x 320	960 x 700 x 396	980 x 790 x 427	1107 x 1100 x 440	1085 x 1365 x 427	1085 x 1365 x 427						
Plenum Size														
Supply	W x H	mm	740 x 125	740 x 125	820 x 160	820 x 160	820 x 160	992 x 192						
Return	W x H	mm	740 x 205	740 x 205	1002 x 235	980 x 231	980x 261	1150 x 343						
Weight														
Indoor unit	Nett	kg	34	34	37	57	64	87						
Outdoor unit	Nett	kg	41	41	65	90	116	121						

Test conditions are based on standard 5m pipe length. Cooling Mode: Indoor temp: 27 °C / 19 °C. Outdoor temp: 35 °C / 24 °C. Heating Mode: Indoor temp: 20 °C. Outdoor temp: 7 °C / 6 °C. R410A Refrigerant. E + OE.