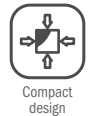


### Data Sheet

## VRF CENTRIFUGAL INVISIBLE

**9** CONNECTABLE  
UNITS

**130%**  
SIMULTANEITY



MODELS			GIA-CEN-10KOMP	GIA-CEN-14KOMP	GIA-CEN-16KOMP
Power			220V-240V/1PH/50HZ	380V-415V/3PH/50HZ	380V-415V/3PH/50HZ
Max. Connected indoor units quantity			5	8	9
<b>PERFORMANCE DATA</b>					
Cooling	Capacity	KW	10	14	16
		Btu/h	34100	48000	55000
	Power input	KW	4,3	5,0	6,0
	Rated current(RLA)	A	18,6	7,7	9,2
	SEER		6,52	5,83	5,56
Heating	Capacity	KW	11,2	14	16
		Btu/h	38200	48000	55000
	Power input	kW	4,1	4,6	5,3
	Rated current(RLA)	A	18,1	7,1	8,1
	SCOP		4,20	3,51	3,51
Max.input consumption		kW	4,7	6,8	7,3
Max.current		A	30	20	20
Capacity adjustment range			50%-130%	50%-130%	50%-130%
<b>PHYSICAL DATA</b>					
Refrigerant	Type		R410A	R410A	R410A
	Throttle type		EXV	EXV	EXV
	Volume	g	2600	3700	3700
Dimension (W×D×H)	Net	mm	1520×927×584	1516×973×584	1516×973×584
Weight	Net	kg	141	173	173
Sound pressure level		dB(A)	≤65	≤68	≤68
Outdoor air flow		m3/h	3600	3600	5000
Static pressure		Pa	90	90	90
<b>PIPING &amp; WIRING DATA</b>					
Pipe size	Liquid pipe	mm	φ9.52(flaring nut)	φ9.52(flaring nut)	φ9.52(flaring nut)
	Gas pipe	mm	φ15.88(flaring nut)	φ19.05(flaring nut)	φ19.05(flaring nut)
Max.pipe length	Total pipe length	m	100	100	100
	From OU to farthest IU	m	70	70	70
	From 1st indoor distributor to farthest IU	m	20	20	20
	Between OU&IU (ODU higher)	m	30	30	30
Max. vertical length	Between OU&IU (ODU lower)	m	20	20	20
	Between lus	m	8	8	8
	Power wire size	mm <sup>2</sup>	3*6	5*2.5	5*2.5
Connection wire	Signal wire type		3-core shielded cable	3-core shielded cable	3-core shielded cable
	Signal wire size	mm <sup>2</sup>	1	1	1
<b>OPERATION TEMPERATURE RANGE</b>					
Cooling	Outdoor side	°C	-5~50	-5~50	-5~50
	Indoor side	°C	16~32	16~32	16~32
Heating	Outdoor side	°C	-15~30	-15~30	-15~30
	Indoor side	°C	16~32	16~32	16~32

**Notes:**

Cooling conditions: inner side 27 ° C (80.6 ° F) dB, 19 ° C (60 ° F) WB outer side 35 ° C (95 ° F) dB.  
 Heating conditions: inner side 20 ° C (68 ° F) dB, 15 ° C (44.6 ° F) WB outer side 7 ° C (42.8 ° F) dB.  
 14kW air flow: measured in silent mode and 50 Pa static pressure.