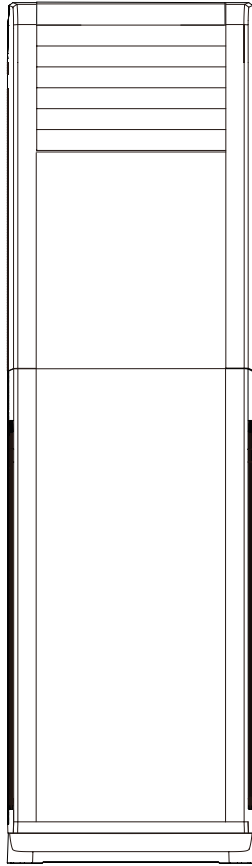


Part I : Technical Information

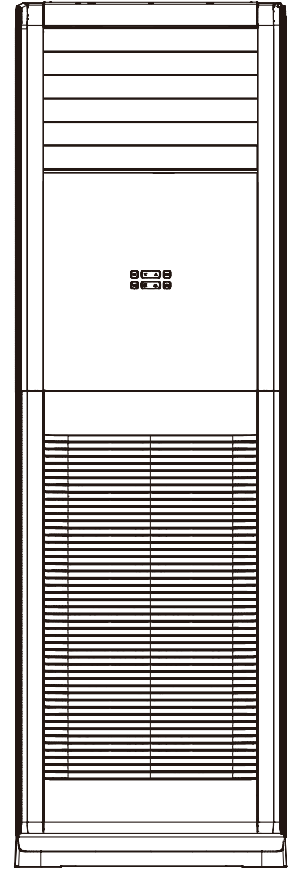
1. Summary

Indoor Unit:

GVH24AM-K3DTC7A/I
GVC36AL-K3DTC7A/I
GVH36AL-S3DTC7A/I
GVH48AL-K3DTC7A/I
GVC60AP-K3DTC7A/I
GVH60AP-K3DTC7A/I
GVH36AL-K3DTC7A/I
GVH24AMXF-K3DTC7B/I
GVH36ALXH-K3DTC7A/I

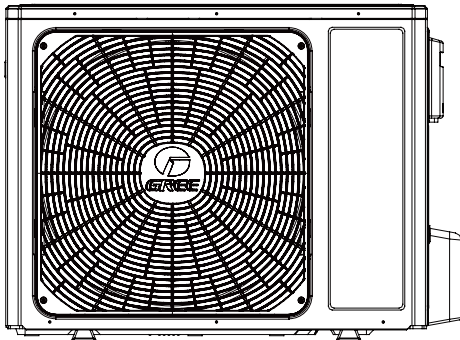


GVC36ALXH-K3DTC7A/I
GVC48AL-K3DTC7A/I
GVC60AP-K3DTC7B/I

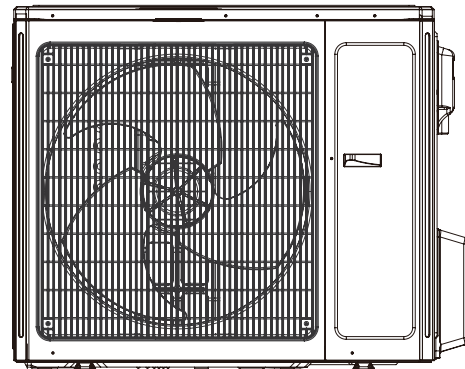


Outdoor Unit:

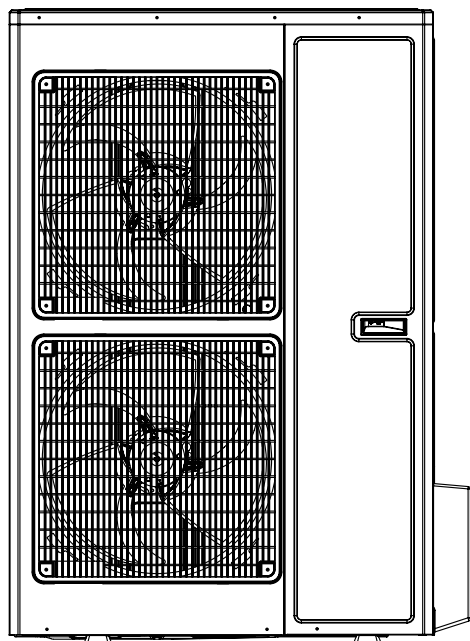
GVH24AM-K3DTC7A/O



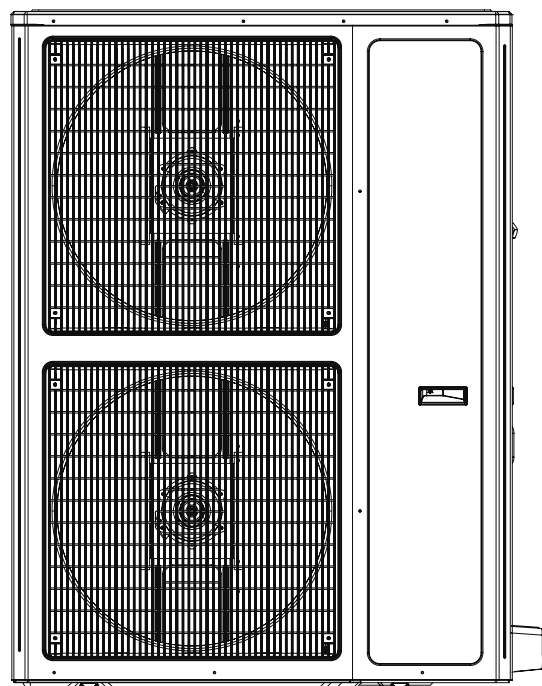
GVC36AL-K3DTC7A/O
GVH36AL-S3DTC7A/O
GVH36AR-K3DTD2B/O



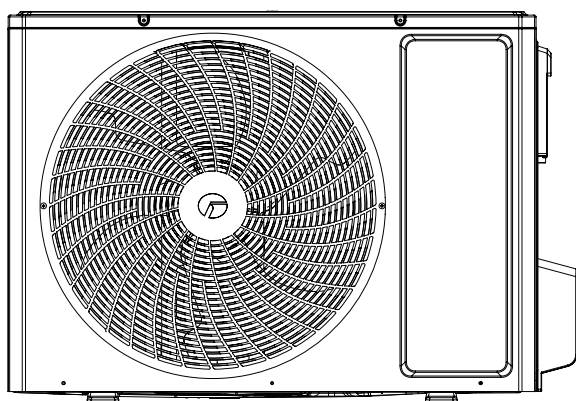
GVH48AL-K3DTC7A/O



GVC48AL-K3DTC7A/O GVC60AP-K3DTC7A/O
GVC60AP-K3DTC7B/O GVH60AP-K3DTC7A/O

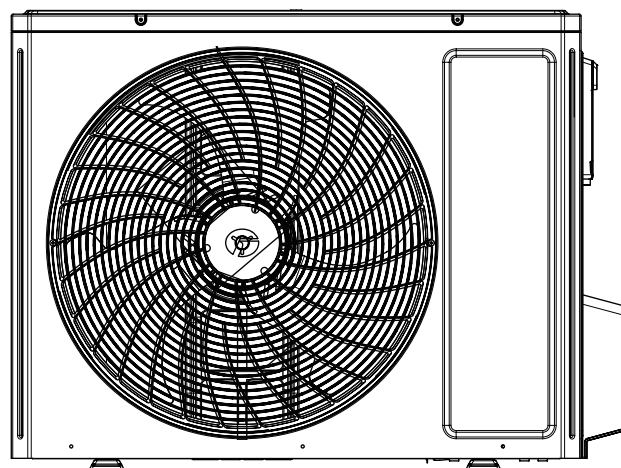


GVH24BBXF-K3DTA1A/O



GVH36BCXH-K3DTA1A/O

GVC36ALXH-K3DTC7A/O



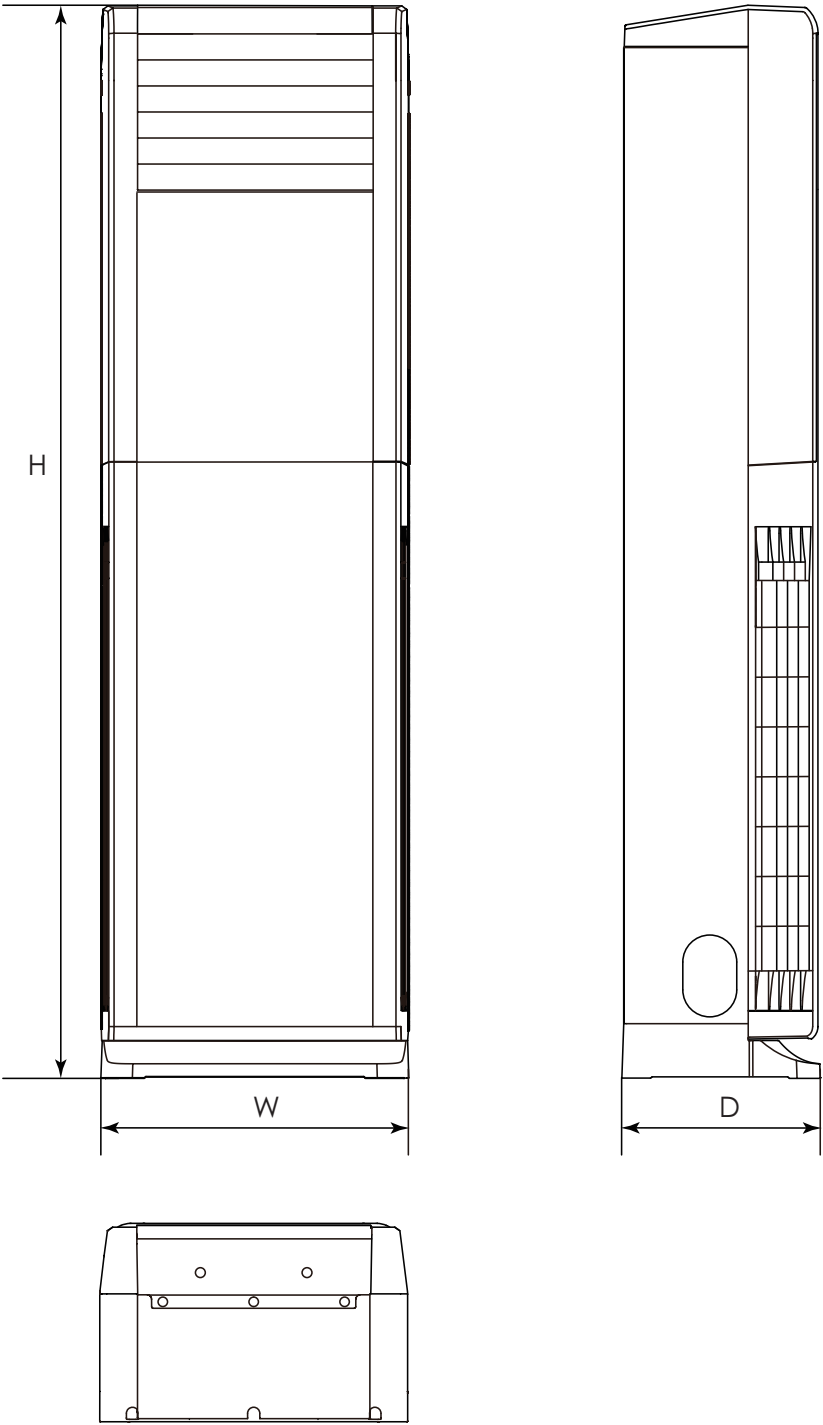
Model			GVH24AMXF-K3DTC7B	GVH36ALXH-K3DTC7A
Product Code			CH156004900	CH156005000
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Power Supply Mode			Indoor	Outdoor
Cooling Capacity		W	7034	10550
Heating Capacity		W	7330	10850
Cooling Power Input		W	2260	3350
Heating Power Input		W	2360	2950
Cooling Power Current		A	10	15.5
Heating Power Current		A	10.5	15
Rated Input		W	3000	4000
Rated Current		A	13.8	18
Air Flow Volume		m ³ /h	1200/1000/880/750	1850/1700/1550/1400
Dehumidifying Volume		L/h	2	3
EER		W/W	3.11	3.15
COP		W/W	3.11	3.64
SEER		W/W	/	/
HSPF		W/W	/	/
Application Area		m ²	27-42	46-70
Indoor Unit	Model of Indoor Unit		GVH24AMXF-K3DTC7B/I	GVH36ALXH-K3DTC7A/I
	Product Code		CH156N04900	CH156N05000
	Fan Type		Cross-flow	Centrifugal
	Diameter Length(DXL)	mm	Φ352X130	Φ379X180.5
	Fan Motor Cooling Speed	r/min	490/420/380/340	510/440/400/360
	Fan Motor Heating Speed	r/min	490/420/380/340	510/440/400/360
	Output of Fan Motor	W	64	150
	Fan Motor RLA	A	0.70	/
	Fan Motor Capacitor	μF	4.5	6
	Input of Heater	W	/	/
	Evaporator Form		Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Pipe Diameter	mm	Φ7	Φ7.94
	Row-fin Gap	mm	2-1.3	3-1.5
	Coil Length (LXDXW)	mm	392X25.4X724	472X62X836
	Swing Motor Model		MP35AA MP24TA	MP35AB/MP24TA
	Output of Swing Motor	W	2.5/1.5	2.5/1.5
	Fuse	A	5	5
	Sound Pressure Level	dB (A)	47/44/42/39	52/50/48/45
	Sound Power Level	dB (A)	57/54/52/49	62/60/58/55
	Dimension (WXHDX)	mm	507×1770×320	587X1882X394
	Dimension of Carton Box (LXWXH)	mm	1985×620×425	2150X735X530
	Dimension of Package (LXWXH)	mm	1988×623×440	2153X738X545
	Net Weight	kg	38	58
	Gross Weight	kg	50	80.5

Outdoor Unit	Model of Outdoor Unit		GVH24BBXF-K3DTA1A/O	GVH36BCXH-K3DTA1A/O
	Product Code of Outdoor Unit		CH224W00300	CH224W00400
	Compressor Manufacturer/Trademark		ZHUHAI LANDA COMPRESSOR CO., LTD	ZHUHAI LANDA COMPRESSOR CO., LTD
	Compressor Model		QXFS-M180zX170	QXFS-D280zX070
	Compressor Oil		FW68DA or equivalent	FW68DA<FW68L>
	Compressor Type		Rotary	Rotary
	L.R.A.	A	/	40.00
	Compressor RLA	A	12.00	5.50
	Compressor Power Input	W	1480	2475.00
	Overload Protector		HPC115/95U1	/
	Throttling Method		Capillary	Capillary
	Operation Temp	°C	16~30	16~30
	Ambient Temp (Cooling)	°C	18~52	18~43
	Ambient Temp (Heating)	°C	-7~24	-7~24
	Condenser Form		Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Pipe Diameter	mm	Φ5	Φ7.94
	Rows-fin Gap	mm	2-1.4	3-1.4
	Coil Length (LXDXW)	mm	837×22.8×609.6	955X57.15X704
	Fan Motor Speed	rpm	880	850
	Output of Fan Motor	W	60	90
	Fan Motor RLA	A	0.65	0.70
	Fan Motor Capacitor	μF	/	/
	Air Flow Volume of Outdoor Unit	m ³ /h	3600	4000
	Fan Type		Axial-flow	Axial-flow
	Fan Diameter	mm	Φ520	Φ570
	Defrosting Method		Automatic Defrosting	Automatic Defrosting
	Climate Type		T3	T3
	Isolation		I	I
	Moisture Protection		IPX4	IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	4.3
	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5
	Sound Pressure Level (H/M/L)	dB (A)	61/-/-	63/-/-
	Sound Power Level (H/M/L)	dB (A)	70/-/-	73/-/-
	Dimension (WXHXD)	mm	958×660×402	1000×746×427
	Dimension of Carton Box (LXWXH)	mm	1029×453×715	1077×480×785
	Dimension of Package (LXWXH)	mm	1032×456×737	1080×483×810
	Net Weight	kg	40	62
	Gross Weight	kg	44.5	67
	Refrigerant		R410A	R410A
	Refrigerant Charge	kg	1.3	2.8
Connection Pipe	Length	m	5	5
	Gas Additional Charge	g/m	50	20
	Outer Diameter Liquid Pipe	inch	1/4"	1/4
	Outer Diameter Gas Pipe	inch	5/8"	5/8
	Max Distance Height	m	10	20
	Max Distance Length	m	25	30
	Note: The connection pipe applies metric diameter.			

The above data is subject to change without notice; please refer to the nameplate of the unit.

3. Outline Dimension Diagram

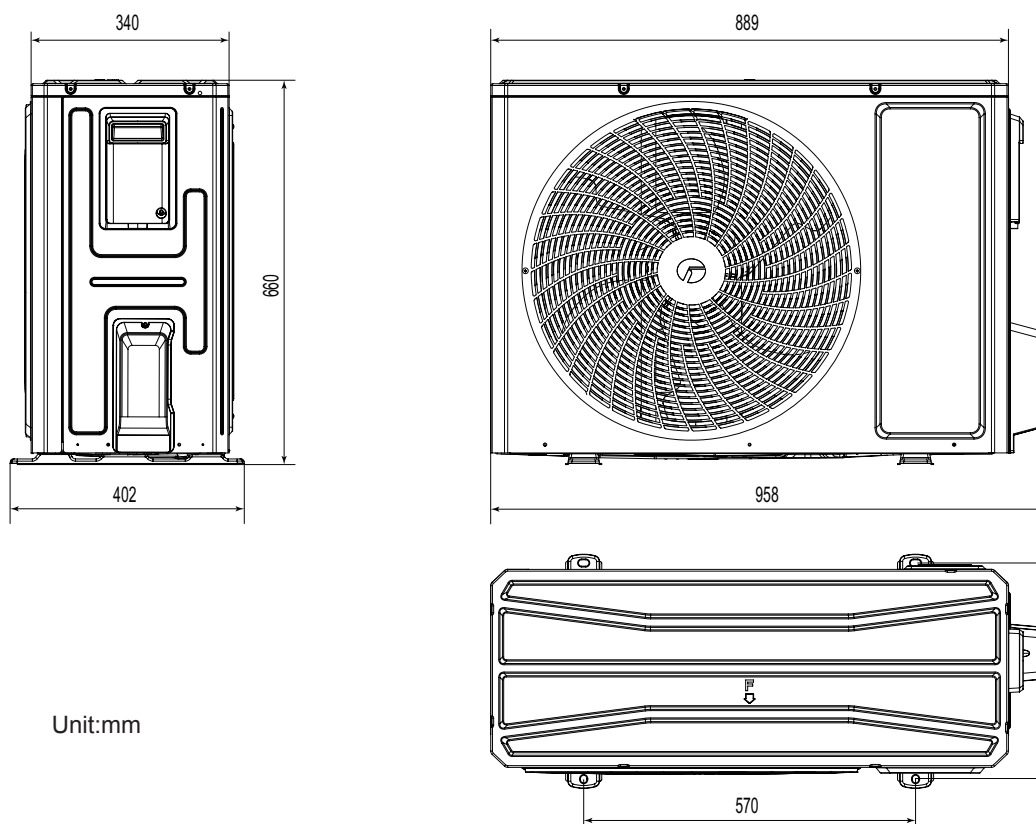
3.1 Indoor Unit



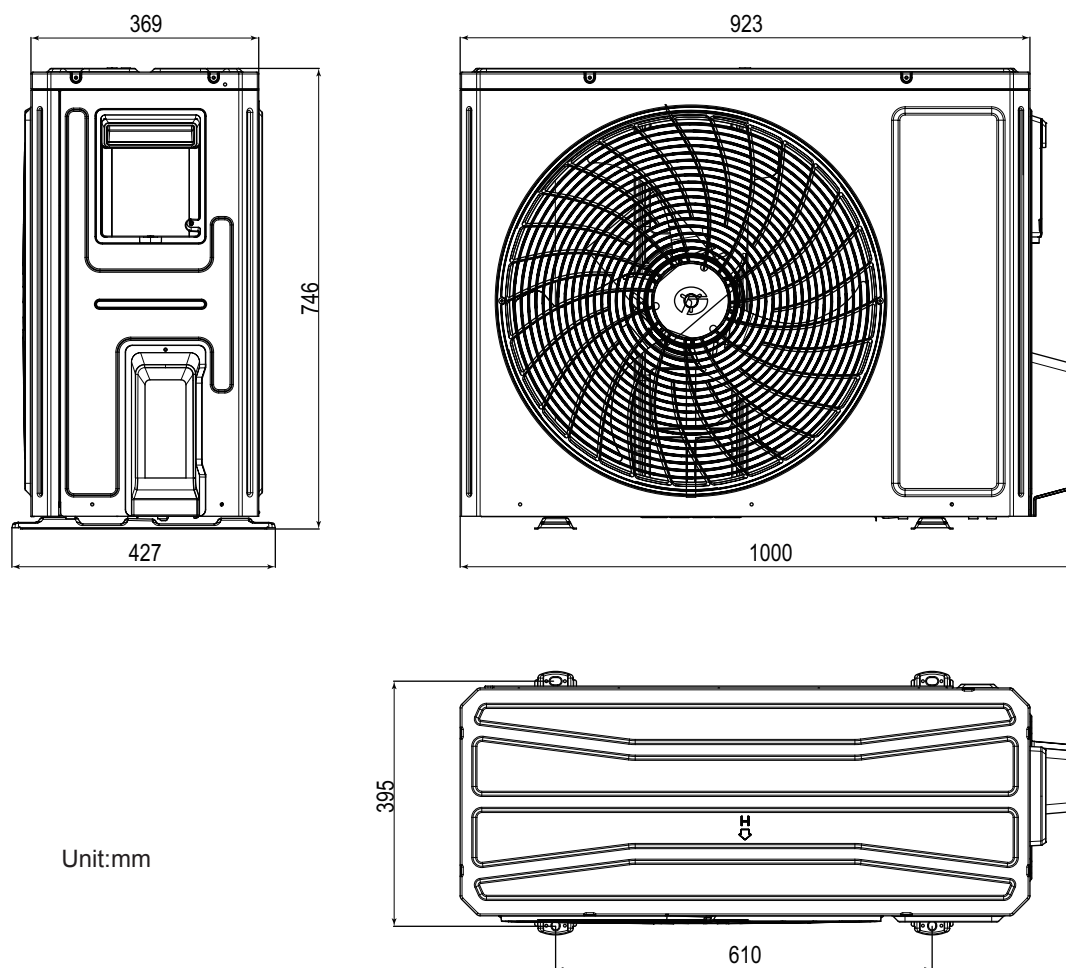
Unit:mm

Model	W	H	D
24K	507	1770	320
36/48K	587	1882	394
60K	666	1929	414

GVH24BBXF-K3DTA1A/O



GVH36BCXH-K3DTA1A/O GVC36ALXH-K3DTC7A/O



1. Summary

Indoor Unit:

AM



AL

GVH60APXL-K3DTC7A/I



GVH60APXL-K3DTC7B/I



Outdoor Unit:

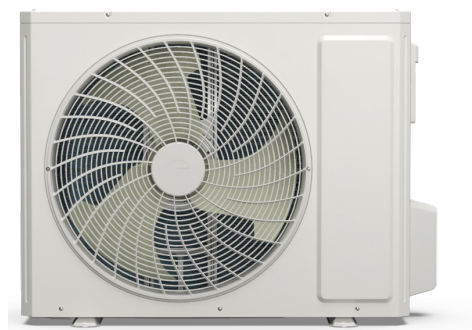
GVH48ALXL-K3DTC7A/O

GVH60APXL-K3DTC7A/O



GVH24AMXF-K3DTC7A/O

GVH36ALXH-K3DTC7C/O



Remote Controller:

YAP1F11



Model list:

No	Model	Product code	Indoor model	Indoor product code	Outdoor model	Outdoor product code
1	GVH24AMXF-K3DTC7A	CH156005400	GVH24AMXF-K3DTC7A/I	CH156N05400	GVH24AMXF-K3DTC7A/O	CH156W05400
2	GVH36ALXH-K3DTC7C	CH156005500	GVH36ALXH-K3DTC7C/I	CH156N05500	GVH36ALXH-K3DTC7C/O	CH156W05500
3	GVH48ALXL-K3DTC7A	CH156006300	GVH48ALXL-K3DTC7A/I	CH156N06300	GVH48ALXL-K3DTC7A/O	CH156W06300
4	GVH60APXL-K3DTC7A	CH156006600	GVH60APXL-K3DTC7A/I	CH156N06600	GVH60APXL-K3DTC7A/O	CH156W06600
5	GVH60APXL-K3DTC7B	CH156006900	GVH60APXL-K3DTC7B/I	CH156N06900		

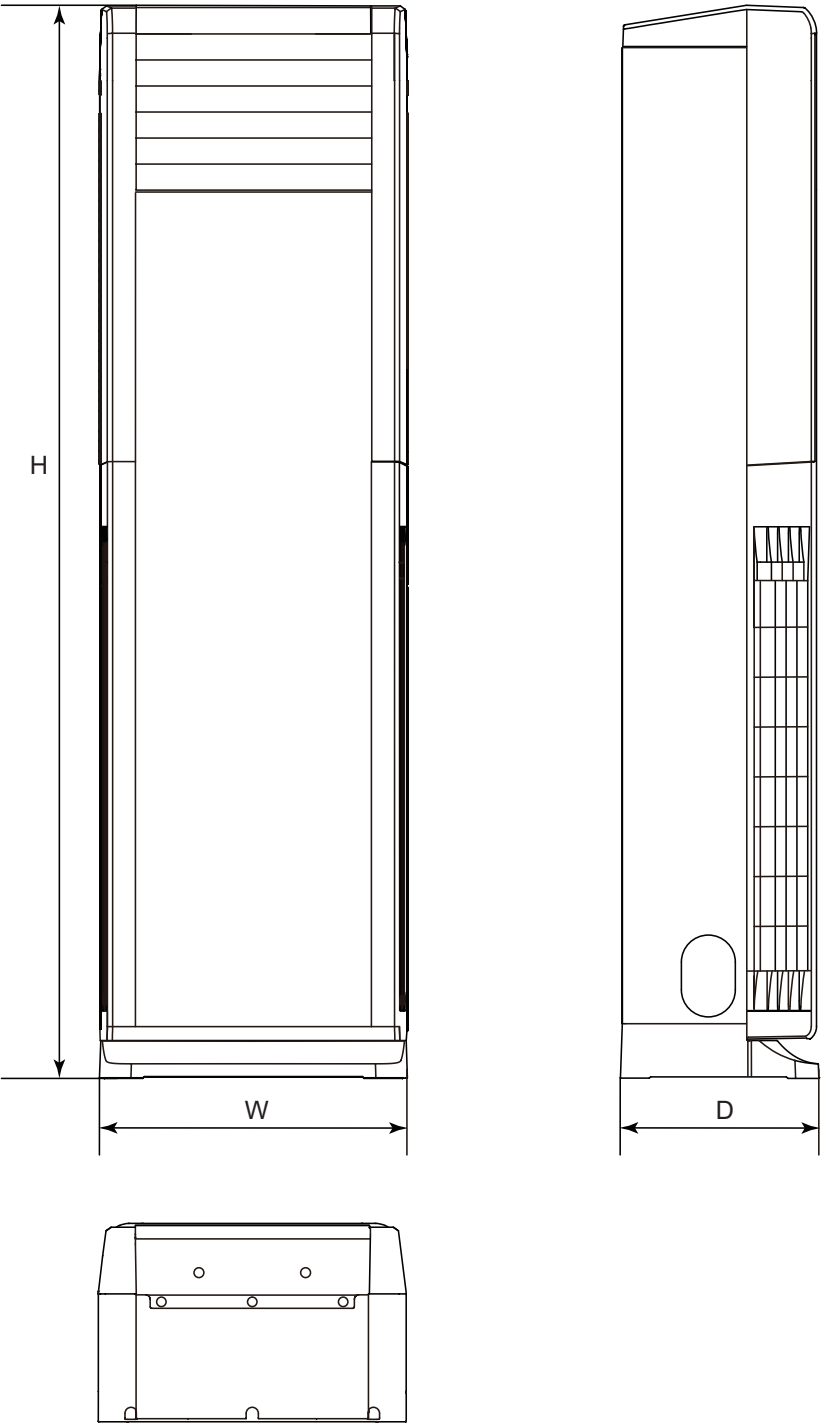
Model			GVH48ALXL-K3DTC7A	GVH60APXL-K3DTC7A
Product Code			CH156006300	CH156006600
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Power Supply Mode			Outdoor	Outdoor
Cooling Capacity		W	T1:14070 T3:9660	T1:17000 T3:13000
Heating Capacity		W	14360	17590
Cooling Power Input		W	T1:4940 T3:4200	T1:5120 T3:5100
Heating Power Input		W	4680	5020
Cooling Current Input		A	T1:19 T3:18	T1:21 T3:23
Heating Current Input		A	19	20
Rated Input		W	5400	5900
Rated Current		A	24	25
Air Flow Volume		m ³ /h	1850/1700/1550/1400	2200/1950/1730/1550
Dehumidifying Volume		L/h	5	5.5
EER		W/W	T1:2.85 T3:2.3	T1:3.32 T3: 2.55
COP		W/W	3.07	3.5
SEER			/	/
HSPF			/	/
Application Area		m ²	55-85	80-100
Indoor Unit	Model of Indoor Unit		GVH48ALXL-K3DTC7A/I	GVH60APXL-K3DTC7A/I
	Product Code		CH156N06300	CH156N06600
	Fan Type		Centrifugal	Centrifugal
	Diameter Length(DXL)	mm	Φ379X180.5	Φ379X180.5
	Fan Motor Cooling Speed	r/min	510/440/400/360	600/520/480/440
	Fan Motor Heating Speed	r/min	510/440/400/360	600/520/480/440
	Output of Fan Motor	W	150	210
	Fan Motor RLA	A	1.5	1.5
	Fan Motor Capacitor	μF	6	6
	Evaporator Form		Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Pipe Diameter	mm	Φ7	Φ7
	Row-fin Gap	mm	2-1.4	3-1.4
	Coil Length (LXDXW)	mm	876X25.4X472	550X43X916
	Swing Motor Model		MP24TA/MP35AB	MP24TA/MP35AB
	Output of Swing Motor	W	1.5/2.5	1.5/2.5
	Fuse	A	5	5
	Sound Pressure Level	dB (A)	Cooling:55/52/50/47 Heating:55/52/50/47	Cooling:56/54/53/52 Heating:56/54/53/52
	Sound Power Level	dB (A)	Cooling:65/62/60/57 Heating:65/62/60/57	Cooling:66/64/63/62 Heating:66/64/63/62
	Dimension (WXHDX)	mm	587X1882X394	666X1929X414
	Dimension of Carton Box (LXWXH)	mm	2125X715X470	2230X810X550
	Dimension of Package (LXWXH)	mm	2128X718X485	2233X813X565
	Net Weight	kg	55	68
	Gross Weight	kg	67	92

Outdoor Unit	Outdoor Unit Model		GVH48ALXL-K3DTC7A/O	GVH60APXL-K3DTC7A/O
	Outdoor Unit Product Code		CH156W06300	CH156W06600
	Compressor Manufacturer		ZHUHAI LANDA COMPRESSOR CO., LTD.	ZHUHAI LANDA COMPRESSOR CO., LTD.
	Compressor Model		QXFS-D388zX050A	QXAS-F428zX450L
	Compressor Oil		FW68DA	FW68DA or equivalent
	Compressor Type		Rotary	Rotary
	Compressor LRA	A	40	50
	Compressor RLA	A	9.3	21
	Compressor Power Input	W	3530	4580
	Compressor Overload Protector		/	/
	Throttling Method		Electron expansion valve	Electron expansion valve
	Set Temperature Range	°C	16~30	16~30
	Cooling Operation Ambient Temperature Range	°C	18~52	18~52
	Heating Operation Ambient Temperature Range	°C	0~24	0~24
	Condenser Form		Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7	Φ7.94
	Condenser Rows-fin Gap	mm	2-1.4	3-1.4
	Condenser Coil Length (LXDXW)	mm	896.5X38.1X1232	858.5×57.15×1232
	Fan Motor Speed	rpm	840	840
	Fan Motor Power Output	W	120	120
	Fan Motor RLA	A	0.52	0.5
	Fan Motor Capacitor	μF	/	/
	Outdoor Unit Air Flow Volume	m³/h	6000	6000
	Fan Type		Axial-flow	Axial-flow
	Fan Diameter	mm	Φ472	Φ472
	Defrosting Method		Automatic Defrosting	Automatic Defrosting
	Climate Type		T3	T3
	Isolation		I	I
	Moisture Protection		IPX4	IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	4.3
	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5
	Sound Pressure Level	dB (A)	63	62
	Sound Power Level	dB (A)	73	72
	Dimension(WXHXD)	mm	978X1260X412	978X1260X412
	Dimension of Carton Box (LXWXH)	mm	1025X435X1285	1025X435X1285
	Dimension of Package(LXWXH)	mm	1033X443X1405	1033X443X1405
	Net Weight	kg	83	98
	Gross Weight	kg	93	108
	Refrigerant		R410A	R410A
	Refrigerant Charge	kg	3.3	4.4
Connection Pipe	Connection Pipe Length	m	5	5
	Connection Pipe Gas Additional Charge	g/m	50	50
	Outer Diameter Liquid Pipe	inch	3/8	3/8
	Outer Diameter Gas Pipe	inch	5/8	3/4
	Max Distance Height	m	20	20
	Max Distance Length	m	30	30
Note: The connection pipe applies metric diameter.				

The above data is subject to change without notice. Please refer to the nameplate of the unit.

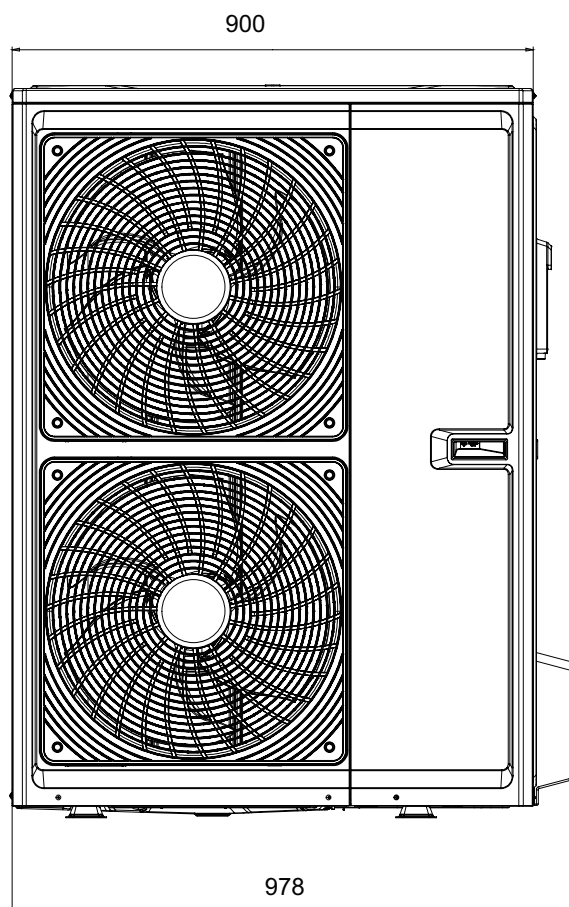
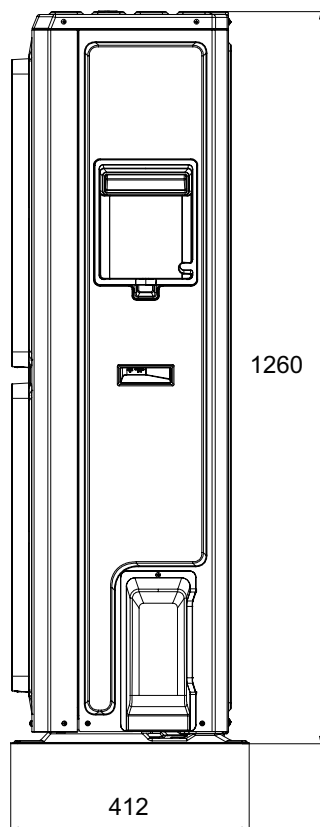
3. Outline Dimension Diagram

3.1 Indoor Unit



Unit:mm

Model	W	H	D
24K	507	1770	320
48/36K	587	1882	394
60K	666	1929	414



Unit:mm

