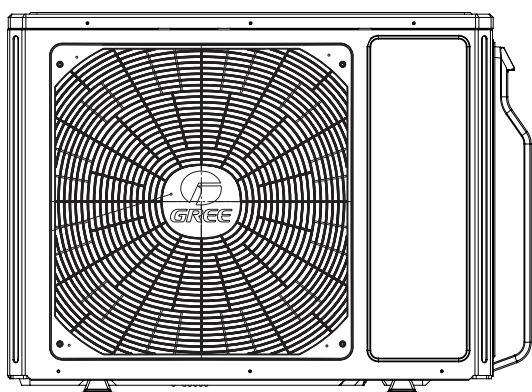


Part I : Technical Information

1. Summary

Outdoor Unit

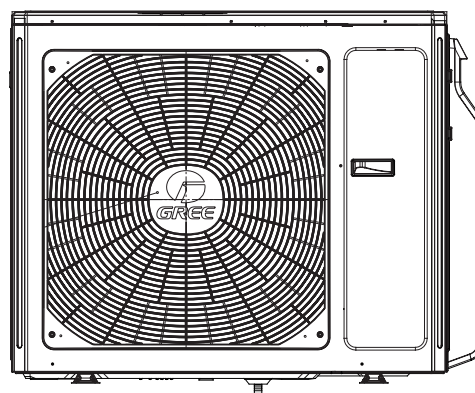
GWHD(18)NK3FO



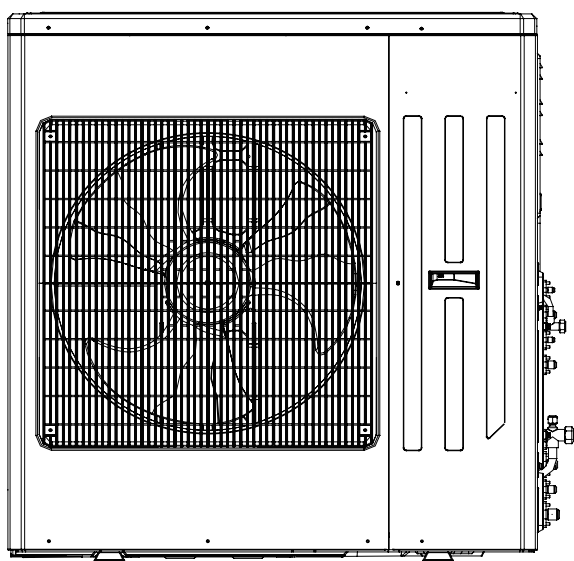
GWHD(24)NK3FO

GWHD(24)NK3GO

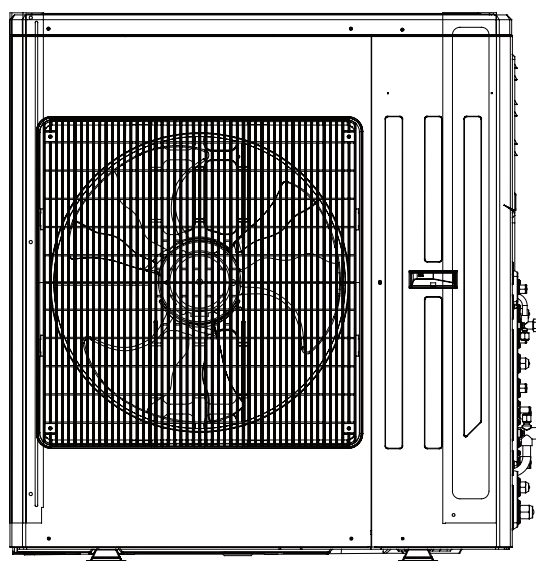
GWHD(28) NK3FO



GWHD(36)NK3BO



GWHD(42)NK3AO



2. Specifications

Model			GWHD(18)NK3FO	
Product Code			CB228W03500/CB228W03501	
Power supply	Rated Voltage	V~	220-240V	
	Rated Frequency	Hz	50	
	Phases		1	
Cooling capacity(max~min)		W	5000(2050~6200)	
Heating capacity(max~min)		W	5600(2500~6650)	
Cooling Power Input(max~min)		W	1550(500~2550)	
Heating Power Input(max~min)		W	1550(580~2700)	
Cooling Current Input		A	6.88	
Heating Current Input		A	6.88	
Rated Power Input		W	2700	
Rated Current		A	11.98	
SEER		W/W	5.6	
SCOP		W/W	3.8	
Outdoor Unit	Compressor Trademark		ZHUHAI LANDA COMPRESSOR CO.,LTD	
	Compressor Model		QXA-B141zF030A	
	Compressor Refrigerant Oil Type		RB68EP	
	Compressor Type		Rotary	
	L.R.A		A	/
	Compressor Rated Load Amp (RLA)		A	7.2
	Compressor Power Input		W	1440
	Compressor Thermal Protector			1NT11L-6233
	Throttling Method			Electron expansion valve
	Cooling Operation Ambient Temperature Range		°C	-15~48
	Heating Operation Ambient Temperature Range		°C	-15~24
	Condenser Material			Aluminum Fin-copper Tube
	Condenser Pipe Diameter		mm	Φ7
	Rows-Fin Gap(mm)		mm	2-1.4
	Coil length (l) X height (H) X coil width (L)		mm	851X38.1X660
	Fan Motor Speed (rpm) (H/M/L)		rpm	630
	Output of Fan Motor		W	60
	Fan Motor RLA		A	/
	Fan Motor Capacitor		μF	/
	Air Flow Volume of Outdoor Unit		m ³ /h	3200
	Fan Type-Piece			Axial-flow
	Fan Diameter		mm	Φ520
	Defrosting Method			Automatic Defrosting
	Climate Type			T1
	Isolation			I
	Moisture Protection			IP24
	Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3
	Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5
	Dimension (WXHXD)		mm	963X700X396
	Dimension of Package (LXWXH)		mm	1026X455X735
Dimension of Package(LXWXH)		mm	1029X458X750	
Net Weight		kg	50	
Gross Weight		kg	55	
Refrigerant Charge			R410A	
Refrigerant Charge		kg	1.40	

Outdoor Unit	Cross-sectional Area of Power Cable Conductor	mm ²	2.50
	Recommended Power Cable(Core)	N	3
	Connection Pipe Connection Method	-	Flare Connection
	Not Additional Gas Connection Pipe Length	m	5
	Connection Pipe Gas Additional Charge	g/m	20
	Outer Diameter of Liquid Pipe(GREE Allocation) (Metric)	mm	Φ6
	Outer Diameter of Gas Pipe(GREE Allocation) (Metric)	mm	Φ9.52
	Connection Pipe Max. Height Distance(indoor and indoor)	m	5
	Max. equivalent connection pipe length(outdoor to last indoor)	m	10
Connection Pipe Max. Length Distance(total length)	m	20	

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

Model			GWHD(24)NK3FO	GWHD(24)NK3GO
Product Code			CB228W03301	CB228W03401/CB228W03400
Power supply	Rated Voltage	V~	220-240V	220-240V
	Rated Frequency	Hz	50	50
	Phases		1	1
Cooling capacity(max~min)		W	7000(2200~10000)	7100(2200~10000)
Heating capacity(max~min)		W	7700(2600~11000)	8500(3600~11000)
Cooling Power Input(max~min)		W	2460(650~4550)	2400(650~4550)
Heating Power Input(max~min)		W	2560(980~3950)	2350(980~3950)
Cooling Current Input		A	10.91	10.91
Heating Current Input		A	11.36	11.36
Rated Power Input		W	4550	4550
Rated Current		A	20.19	20.19
SEER		W/W	5.1	5.1
SCOP		W/W	3.8	3.8
Outdoor Unit	Compressor Trademark		ZHUHAI LANDA COMPRESSOR CO.,LTD	ZHUHAI LANDA COMPRESSOR CO.,LTD
	Compressor Model		QXAS-D23zX090B	QXAS-D23zX090B
	Compressor Refrigerant Oil Type		RB68EP	RB68EP
	Compressor Type		Rotary	Rotary
	L.R.A		A	/
	Compressor Rated Load Amp (RLA)		A	11.5
	Compressor Power Input		W	2550
	Compressor Thermal Protector			1NT11L-6233
	Throttling Method			Electron expansion valve
	Cooling Operation Ambient Temperature Range		°C	-15~48
	Heating Operation Ambient Temperature Range		°C	-15~24
	Condenser Material			Aluminum Fin-copper Tube
	Condenser Pipe Diameter		mm	Φ7
	Rows-Fin Gap(mm)		mm	2-1.4
	Coil length (l) X height (H) X coil width (L)		mm	982.2X38.1X748
	Fan Motor Speed (rpm) (H/M/L)		rpm	710
	Output of Fan Motor		W	90
	Fan Motor RLA		A	/
	Fan Motor Capacitor		μF	/
	Air Flow Volume of Outdoor Unit		m ³ /h	4000
	Fan Type-Piece			Axial-flow
	Fan Diameter		mm	Φ552
	Defrosting Method			Automatic Defrosting
	Climate Type			T1
	Isolation			I
	Moisture Protection			IP24
	Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3
	Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5
	Dimension (WXHXD)		mm	1001X790X427
	Dimension of Package (LXWXH)		mm	1080X485X840
Dimension of Package(LXWXH)		mm	1083X488X855	
Net Weight		kg	68	
Gross Weight		kg	73	
Refrigerant Charge			R410A	
Refrigerant Charge		kg	2.00	

Outdoor Unit	Cross-sectional Area of Power Cable Conductor	mm ²	2.50	2.50
	Recommended Power Cable(Core)	N	3	3
	Connection Pipe Connection Method	-	Flare Connection	Flare Connection
	Not Additional Gas Connection Pipe Length	m	5	5
	Connection Pipe Gas Additional Charge	g/m	20	20
	Outer Diameter of Liquid Pipe(GREE Allocation) (Metric)	mm	Φ6	Φ6
	Outer Diameter of Gas Pipe(GREE Allocation) (Metric)	mm	Φ9.52	Φ9.52
	Connection Pipe Max. Height Distance(indoor and indoor)	m	5	10
	Max. equivalent connection pipe length(outdoor to last indoor)	m	10	20
	Connection Pipe Max. Length Distance(total length)	m	20	60

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

Model			GWHD(28)NK3FO	
Product Code			CB228W03600/CB228W03601	
Power supply	Rated Voltage	V~	220-240V	
	Rated Frequency	Hz	50	
	Phases		1	
Cooling capacity(max~min)		W	8000(2200~10000)	
Heating capacity(max~min)		W	9300(2800~11000)	
Cooling Power Input(max~min)		W	2490(650~4550)	
Heating Power Input(max~min)		W	2580(980~3950)	
Cooling Current Input		A	11.05	
Heating Current Input		A	11.45	
Rated Power Input		W	4550	
Rated Current		A	20.19	
SEER		W/W	5.1	
SCOP		W/W	3.8	
Outdoor Unit	Compressor Trademark		ZHUHAI LANDA COMPRESSOR CO.,LTD	
	Compressor Model		QXAS-D23zX090B	
	Compressor Refrigerant Oil Type		RB68EP	
	Compressor Type		Rotary	
	L.R.A		A	/
	Compressor Rated Load Amp (RLA)		A	11.5
	Compressor Power Input		W	2550
	Compressor Thermal Protector			1NT11L-6233
	Throttling Method			Electron expansion valve
	Cooling Operation Ambient Temperature Range		°C	-15~48
	Heating Operation Ambient Temperature Range		°C	-15~24
	Condenser Material			Aluminum Fin-copper Tube
	Condenser Pipe Diameter		mm	Φ7
	Rows-Fin Gap(mm)		mm	2-1.4
	Coil length (l) X height (H) X coil width (L)		mm	982.2X38.1X748
	Fan Motor Speed (rpm) (H/M/L)		rpm	710
	Output of Fan Motor		W	90
	Fan Motor RLA		A	/
	Fan Motor Capacitor		μF	/
	Air Flow Volume of Outdoor Unit		m ³ /h	4000
	Fan Type-Piece			Axial-flow
	Fan Diameter		mm	Φ552
	Defrosting Method			Automatic Defrosting
	Climate Type			T1
	Isolation			I
	Moisture Protection			IP24
	Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3
	Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5
	Dimension (WXHXD)		mm	1001X790X427
	Dimension of Package (LXWXH)		mm	1080X485X840
Dimension of Package(LXWXH)		mm	1083X488X855	
Net Weight		kg	69	
Gross Weight		kg	74	
Refrigerant Charge			R410A	
Refrigerant Charge		kg	2.20	

Outdoor Unit	Cross-sectional Area of Power Cable Conductor	mm ²	2.50
	Recommended Power Cable(Core)	N	3
	Connection Pipe Connection Method	-	Flare Connection
	Not Additional Gas Connection Pipe Length	m	5
	Connection Pipe Gas Additional Charge	g/m	20
	Outer Diameter of Liquid Pipe(GREE Allocation) (Metric)	mm	Φ6
	Outer Diameter of Gas Pipe(GREE Allocation) (Metric)	mm	Φ9.52
	Connection Pipe Max. Height Distance(indoor and indoor)	m	10
	Max. equivalent connection pipe length(outdoor to last indoor)	m	20
	Connection Pipe Max. Length Distance(total length)	m	70

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

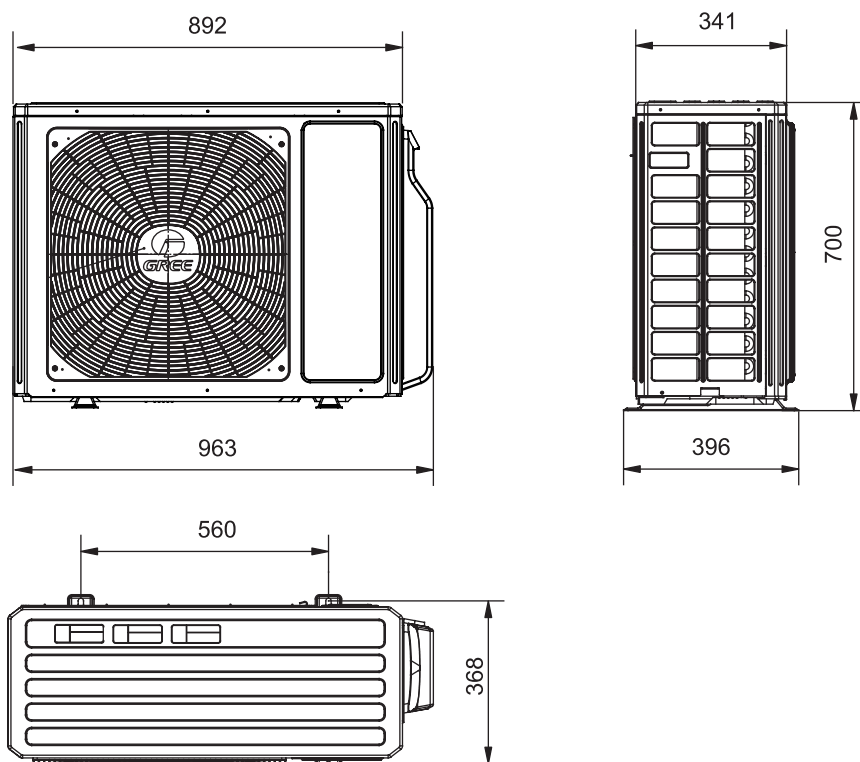
Model			GWHD(36)NK3BO	GWHD(42)NK3AO	
Product Code			CN860W0131	CN860W0021	
Power supply	Rated Voltage	V~	220-240V	220-240V	
	Rated Frequency	Hz	50	50	
	Phases		1	1	
Cooling capacity(max~min)		W	10500(2100~11000)	12100(2100~13600)	
Heating capacity(max~min)		W	12000(2600~13000)	13000(2600~14000)	
Cooling Power Input		W	3500	3590	
Heating Power Input		W	3750	3550	
Cooling Current Input		A	15.42	16.43	
Heating Current Input		A	15.20	16.22	
Rated Power Input		W	4880	5300	
Rated Current		A	21.65	23.50	
SEER		W/W	5.5	/	
SCOP		W/W	3.8	/	
Outdoor Unit	Compressor Trademark		ZHUHAI LANDA COMPRESSOR CO.,LTD	mitsubishi ELECTRIC(GUANGZHOU) COMPRESSOR CO.LTD	
	Compressor Model		QXAS-D32zX090A	TNB306FPGMC	
	Compressor Refrigerant Oil Type		RB68ER	PVE(PV50S)	
	Compressor Type		Inverter Rotary	Inverter Rotary	
	L.R.A		A	/	
	Compressor Rated Load Amp (RLA)		A	14	13.5
	Compressor Power Input		W	3300	3010
	Compressor Thermal Protector			Internal	Internal
	Throttling Method			Electron expansion valve	Electron expansion valve
	Cooling Operation Ambient Temperature Range		°C	-15~48	-15~48
	Heating Operation Ambient Temperature Range		°C	-15~27	-15~27
	Condenser Material			Copper tube-Aluminum fin	Copper tube-Aluminum fin
	Condenser Pipe Diameter		mm	Φ7.94	Φ7.94
	Rows-Fin Gap(mm)		mm	2-1.4	2-1.4
	Coil length (l) X height (H) X coil width (L)		mm	1009.4X38.1X1056	1009.4X38.1X1056
	Fan Motor Speed (rpm) (H/M/L)		rpm	820	840/620/520
	Output of Fan Motor		W	170	140
	Fan Motor RLA		A	/	/
	Fan Motor Capacitor		μF	/	/
	Air Flow Volume of Outdoor Unit		m ³ /h	5200	5500
	Fan Type-Piece			Axial-flow	Axial-flow
	Fan Diameter		mm	Φ570-152	Φ570-152
	Defrosting Method			Automatic Defrosting	Automatic Defrosting
	Climate Type			T1	T1
	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
	Dimension (WXHXD)		mm	1015X440X1103	1015X440X1103
	Dimension of Package (LXWXH)		mm	1155X490X1220	1155X490X1220
	Dimension of Package(LXWXH)		mm	1158X493X1235	1158X493X1235
	Net Weight		kg	94	102
Gross Weight		kg	104	112	
Refrigerant Charge			R410A	R410A	
Refrigerant Charge		kg	4.3	4.8	

Outdoor Unit	Cross-sectional Area of Power Cable Conductor	mm ²	4.0	4.0
	Recommended Power Cable(Core)	N	3	/
	Connection Pipe Connection Method	-	Flare Connection	Flare Connection
	Not Additional Gas Connection Pipe Length	m	40	50
	Connection Pipe Gas Additional Charge	g/m	22	22
	Outer Diameter of Liquid Pipe(GREE Allocation) (Metric)1	mm	Φ6	Φ6
	Outer Diameter of Gas Pipe(GREE Allocation) (Metric)1	mm	Φ9.52	Φ9.52
	Outer Diameter of Liquid Pipe(GREE Allocation) (Metric)2		Φ6	Φ6
	Outer Diameter of Gas Pipe(GREE Allocation) (Metric)2		Φ9.52	Φ9.52
	Outer Diameter of Liquid Pipe(GREE Allocation) (Metric)3		Φ6	Φ6
	Outer Diameter of Gas Pipe(GREE Allocation) (Metric)3		Φ12	Φ12
	Outer Diameter of Liquid Pipe(GREE Allocation) (Metric)4		Φ9.52	Φ6
	Outer Diameter of Gas Pipe(GREE Allocation) (Metric)4		Φ16	Φ12
	Connection Pipe Max. Height Distance(indoor and indoor)	m	7.5	7.5
	Max. equivalent connection pipe length(outdoor to last indoor)	m	20	25
	Connection Pipe Max. Length Distance(total length)	m	70	80

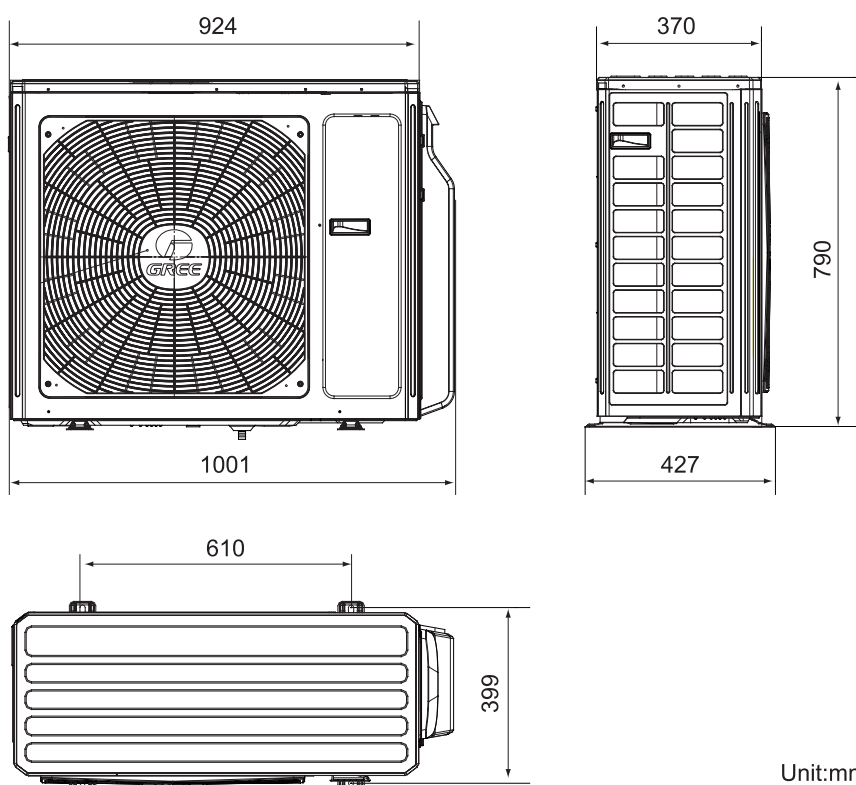
The above data is subject to change without notice. Please refer to the nameplate of the unit.

3. Outline Dimension Diagram

(1) Model:GWHD(18)NK3FO



(2) Models:GWHD(24)NK3FO GWHD(24)NK3GO GWHD(28) NK3FO



Unit:mm

