



SPLIT TYPE

ODU Service Manual

Model:
GWHD(18)ND3MO



Model		GWHD(18)ND3MO	
Power supply	Rated Voltage	V~	208/230
	Rated Frequency	Hz	60
	Phases	-	1
Cooling capacity		Btu/h	17000
Heating capacity		Btu/h	18000
Cooling Power Input		W	1420
Heating Power Input		W	1380
Cooling Current Input		A	6.28
Heating Current Input		A	6.12
Rated Power Input		W	2300/2100
Rated Current		A	10.0/9.0
EER		(Btu/h)/W	12.00
COP		(Btu/h)/W	13.03
SEER		-	21.00(SEER) 21.00(SEER2)
HSPF		-	10.00(HSPF) 10.00(HSPF2)
Outdoor Unit	Compressor Trademark	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
	Compressor Model	-	QXF-A139zH170A
	Compressor Refrigerant Oil Type	-	FW68DA or equivalent
	Compressor Type	-	Inverter Rotary
	L.R.A	A	25
	Compressor Rated Load Amp (RLA)	A	9.95
	Compressor Power Input	W	1295
	Compressor Thermal Protector	-	KSD115°C HPC115/95U1
	Throttling Method	-	Electron expansion valve

Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.



Outdoor Unit	Cooling Operation Ambient Temperature Range	°F	-22~118
	Heating Operation Ambient Temperature Range	°F	-22~75.2
	Condenser Material	-	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ 7.94
	Rows-Fin Gap(mm)	mm	2-1.4
	Coil length (l) × height (H) × coil width (L)	mm	834 × 528 × 38.1
	Fan Motor Speed (rpm)	rpm	cooling:900 heating:900
	Output of Fan Motor	W	30
	Fan Motor RLA	A	/
	Fan Motor Capacitor	μ F	/
	Air Flow Volume of Outdoor Unit	CFM	1354
	Fan Type-Piece	-	Axial-flow
	Fan Diameter	mm	Φ 420-131.1
	Defrosting Method	-	Automatic Defrosting
	Climate Type	-	T1
	Isolation	-	I
	Moisture Protection	-	IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	PSIG	550
	Permissible Excessive Operating Pressure for the Suction Side	PSIG	240
	Dimension (W × D × H)	inch	32 23/64 × 13 55/64 × 21 21/32
	Dimension of Package (L × W × H)	inch	34 7/32 × 15 35/64 × 23 25/64
	Dimension of Package(L × W × H)	inch	34 21/64 × 15 43/64 × 24 13/32
	Net Weight	lb	77.2
	Gross Weight	lb	82.7
	Refrigerant Charge	-	R410A
	Refrigerant Charge	oz	45.9
	Cross-sectional Area of Power Cable Conductor	sq in	0.0032(AWG14)
	Recommended Power Cable(Core)	N	3
	Connection Pipe Connection Method	-	Flare Connection
	Not Additional Gas Connection Pipe Length	ft	32.8
	Connection Pipe Gas Additional Charge	oz/ft.	0.2
	Outer Diameter of Liquid Pipe1 (GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe2(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Gas Pipe1 (GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Gas Pipe2(GREE Allocation)(Metric)	inch	3/8"
	Connection Pipe Max. Height Distance(indoor and indoor)	ft	49.
	Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	49.
	Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	49.2
	Max. equivalent connection pipe length(outdoor to last indoor)	ft	65.6
	Connection Pipe Max. Length Distance(total lenght)	ft	131.2

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

Job Name:

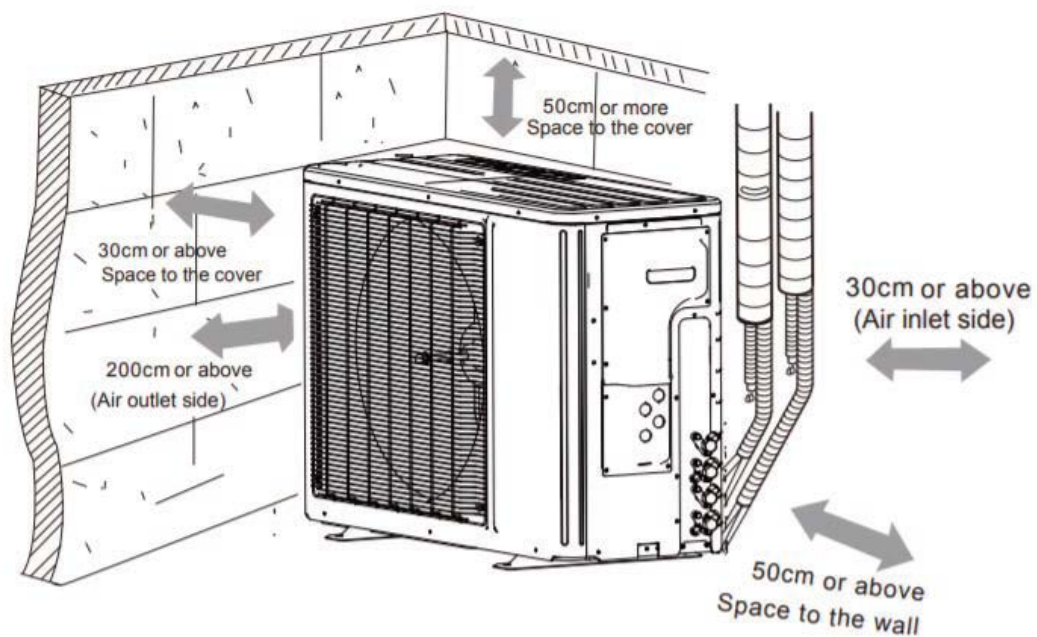
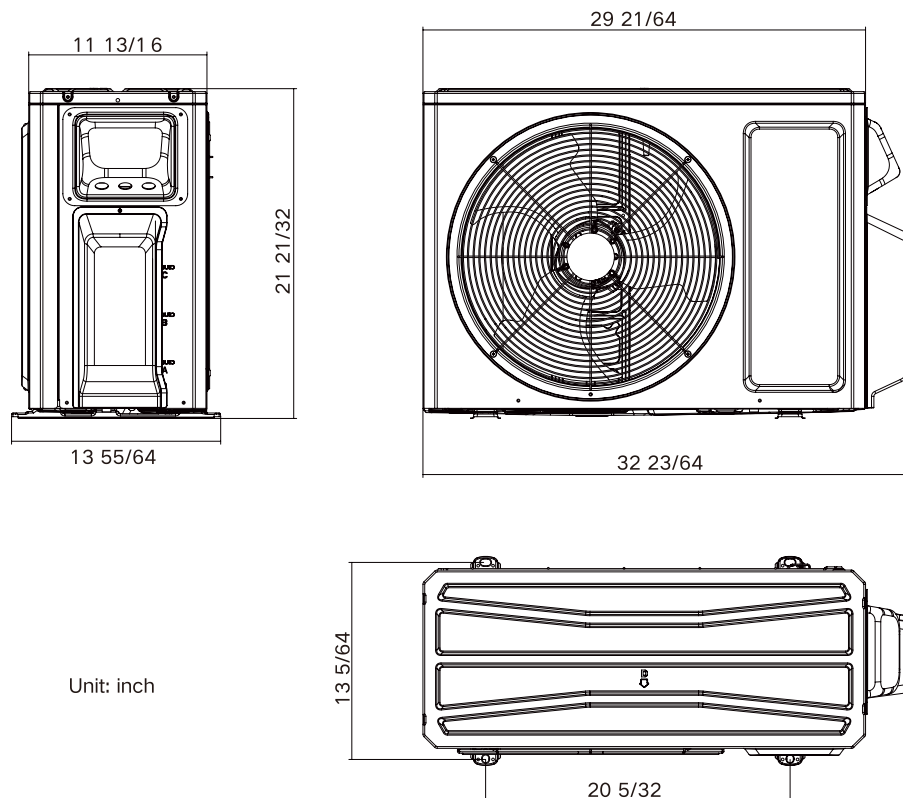
Schedule Reference:

Date:

Specification are subject to change without notice.



Outline and Physical Dimensions of GWHD(18)ND3MO





SPLIT TYPE

ODU Service Manual

Model:
GWHD(24)ND3MO



Model		GWHD(24)ND3MO	
Power supply	Rated Voltage	V~	208/230
	Rated Frequency	Hz	60
	Phases	-	1
Cooling capacity		Btu/h	23200
Heating capacity		Btu/h	24000
Cooling Power Input		W	1860
Heating Power Input		W	1800
Cooling Current Input		A	8.00
Heating Current Input		A	7.83
Rated Power Input		W	3200/3400
Rated Current		A	14.2/15
EER		(Btu/h)/W	12.49
COP		(Btu/h)/W	13.34
SEER		-	21.00(SEER) 21.00(SEER2)
HSPF		-	10.00(HSPF) 10.00(HSPF2)
Outdoor Unit	Compressor Trademark	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
	Compressor Model	-	QXFS-B212zX070
	Compressor Refrigerant Oil Type	-	FW68DA or equivalent
	Compressor Type	-	Twin Rotary
	L.R.A	A	/
	Compressor Rated Load Amp (RLA)	A	12.1
	Compressor Power Input	W	1887
	Compressor Thermal Protector	-	KSD115°C HPC115/95U1
	Throttling Method	-	Electron expansion valve

Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.



Outdoor Unit	Cooling Operation Ambient Temperature Range	°F	-22~118
	Heating Operation Ambient Temperature Range	°F	-22~75.2
	Condenser Material	-	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7.94
	Rows-Fin Gap(mm)	mm	2-1.4
	Coil length (l) × height (H) × coil width (L)	mm	851 × 616 × 38.1
	Fan Motor Speed (rpm)	rpm	cooling:850 heating:850
	Output of Fan Motor	W	60
	Fan Motor RLA	A	/
	Fan Motor Capacitor	-	/
	Air Flow Volume of Outdoor Unit	CFM	2236
	Fan Type-Piece	-	Axial-flow
	Fan Diameter	mm	Φ520-154
	Defrosting Method	-	Automatic Defrosting
	Climate Type	-	T1
	Isolation	-	I
	Moisture Protection	-	IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	PSIG	550
	Permissible Excessive Operating Pressure for the Suction Side	PSIG	240
	Dimension (W × D × H)	inch	37 61/64 × 15 53/64 × 25 63/64
	Dimension of Package (L × W × H)	inch	40 33/64 × 17 53/64 × 28 5/32
	Dimension of Package(L × W × H)	inch	40 5/8 × 17 61/64 × 29 1/64
	Net Weight	lb	114.7
	Gross Weight	lb	124.6
	Refrigerant Charge	-	R410A
	Refrigerant Charge	oz	84.7
	Cross-sectional Area of Power Cable Conductor	sq in	0.0051(AWG12)
	Recommended Power Cable(Core)	N	3
	Connection Pipe Connection Method	-	Flare Connection
	Not Additional Gas Connection Pipe Length	ft	131.2
	Connection Pipe Gas Additional Charge	oz/ft.	0.2
	Outer Diameter of Liquid Pipe1 (GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe2(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe3(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Gas Pipe1 (GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Gas Pipe2(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Liquid Pipe3(GREE Allocation)(Metric)	inch	3/8"
	Connection Pipe Max. Height Distance(indoor and indoor)	ft	49.212
	Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	49.212
	Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	49.212
	Max. equivalent connection pipe length(outdoor to last indoor)	ft	65.6
	Connection Pipe Max. Length Distance(total length)	ft	196.8

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

Job Name:

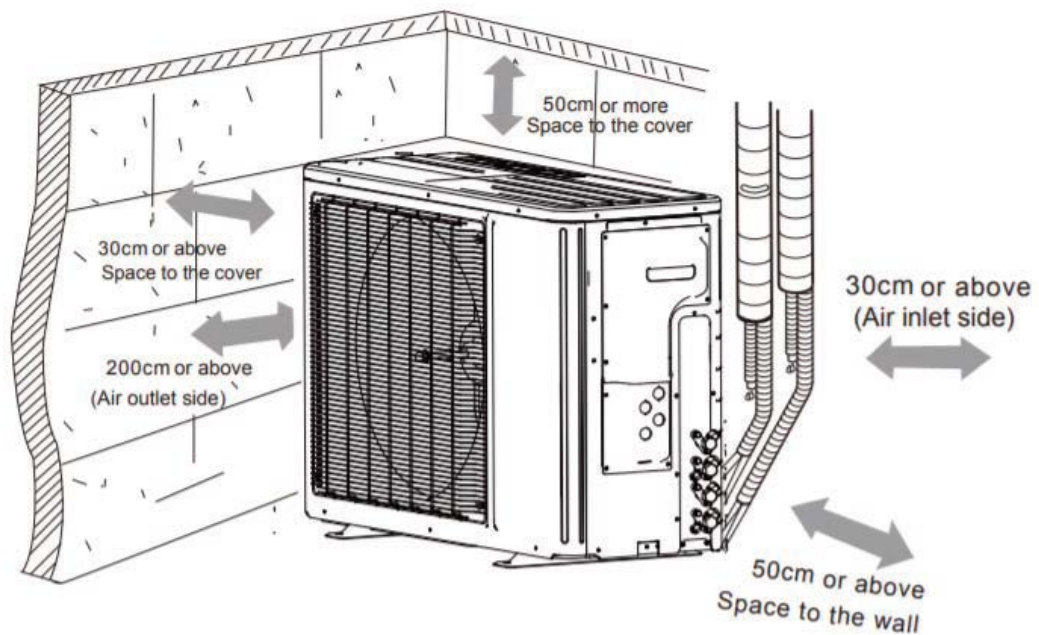
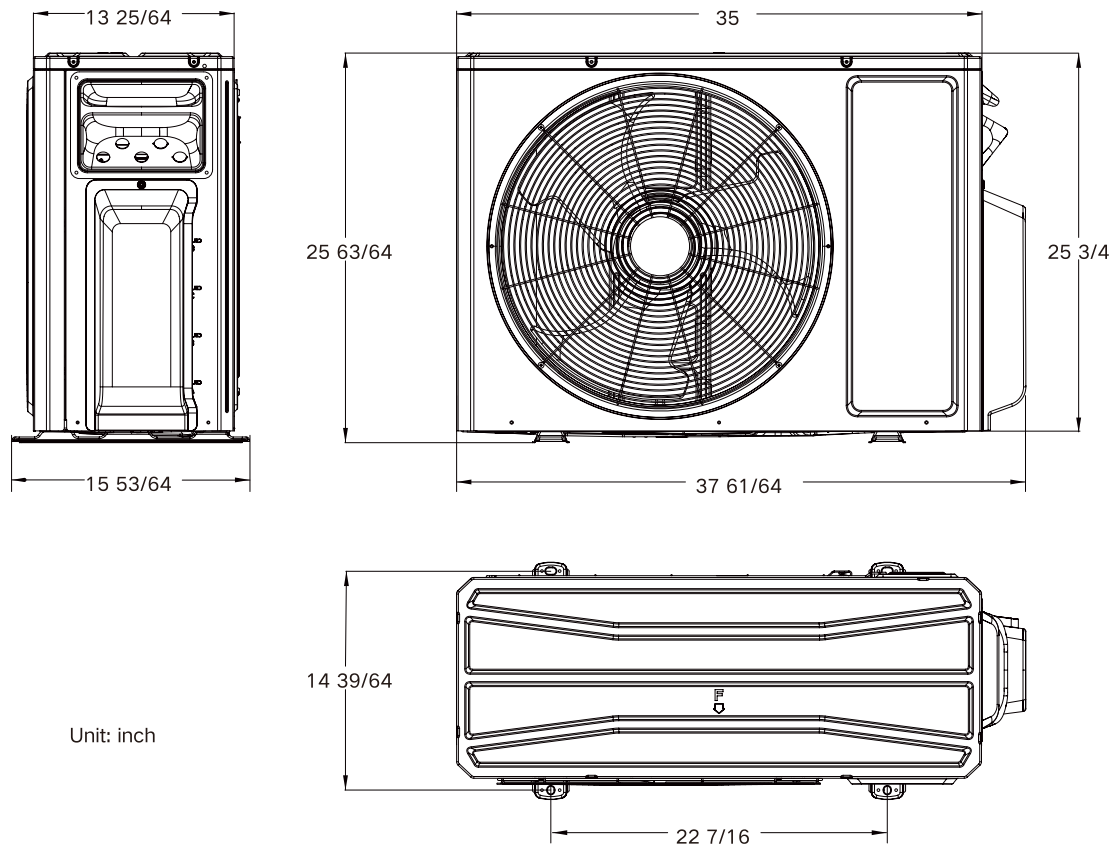
Schedule Reference:

Date:

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Outline and Physical Dimensions of GWHD(24)ND3MO





SPLIT TYPE

ODU Service Manual

Model:
GWHD(30)ND3MO



Model		GWHD(30)ND3MO	
Power supply	Rated Voltage	V~	208/230
	Rated Frequency	Hz	60
	Phases	-	1
Cooling capacity		Btu/h	28400
Heating capacity		Btu/h	30000
Cooling Power Input		W	2270
Heating Power Input		W	2250
Cooling Current Input		A	10.07
Heating Current Input		A	9.98
Rated Power Input		W	4600/5000
Rated Current		A	20.41/21.74
EER		(Btu/h)/W	12.49
COP		(Btu/h)/W	13.34
SEER		-	21.00(SEER) 21.00(SEER2)
HSPF		-	10.00(HSPF) 10.00(HSPF2)
Outdoor Unit	Compressor Trademark	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
	Compressor Model	-	QXFS-B238zX070
	Compressor Refrigerant Oil Type	-	FW68DA or equivalent
	Compressor Type	-	Inverter Rotary
	L.R.A	A	/
	Compressor Rated Load Amp (RLA)	A	14.25
	Compressor Power Input	W	2047
	Compressor Thermal Protector	-	KSD115°C HPC115/95U1
	Throttling Method	-	Electron expansion valve

Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.



Outdoor Unit	Cooling Operation Ambient Temperature Range	°F	-22~118
	Heating Operation Ambient Temperature Range	°F	-22~75.2
	Condenser Material	-	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7.94
	Rows-Fin Gap(mm)	mm	2-1.4
	Coil length (l) × height (H) × coil width (L)	mm	1066 × 792 × 38.1
	Fan Motor Speed (rpm)	rpm	cooling:860 heating:860
	Output of Fan Motor	W	130
	Fan Motor RLA	A	/
	Fan Motor Capacitor	-	/
	Air Flow Volume of Outdoor Unit	CFM	3413
	Fan Type-Piece	-	Axial-flow
	Fan Diameter	mm	Φ550-205
	Defrosting Method	-	Automatic Defrosting
	Climate Type	-	T1
	Isolation	-	I
	Moisture Protection	-	IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	PSIG	550
	Permissible Excessive Operating Pressure for the Suction Side	PSIG	240
	Dimension (W × D × H)	inch	40 5/32 × 16 13/16 × 32 33/64
	Dimension of Package (L × W × H)	inch	42 29/32 × 19 29/64 × 34 1/4
	Dimension of Package(L × W × H)	inch	43 1/32 × 19 9/16 × 34 27/32
	Net Weight	lb	152.1
	Gross Weight	lb	167.6
	Refrigerant Charge	-	R410A
	Refrigerant Charge	oz	105.8
	Cross-sectional Area of Power Cable Conductor	sq in	0.008215(AWG10)
	Recommended Power Cable(Core)	N	3
	Connection Pipe Connection Method	-	Flare Connection
	Not Additional Gas Connection Pipe Length	ft	131.2
	Connection Pipe Gas Additional Charge	oz/ft.	0.2
	Outer Diameter of Liquid Pipe1 (GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe2(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe3(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe4(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Gas Pipe1 (GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Gas Pipe2(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Liquid Pipe3(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Liquid Pipe4(GREE Allocation)(Metric)	inch	3/8"
	Connection Pipe Max. Height Distance(indoor and indoor)	ft	82.0
	Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	82.0
	Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	82.0
	Max. equivalent connection pipe length(outdoor to last indoor)	ft	82.0
	Connection Pipe Max. Length Distance(total length)	ft	262.5

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

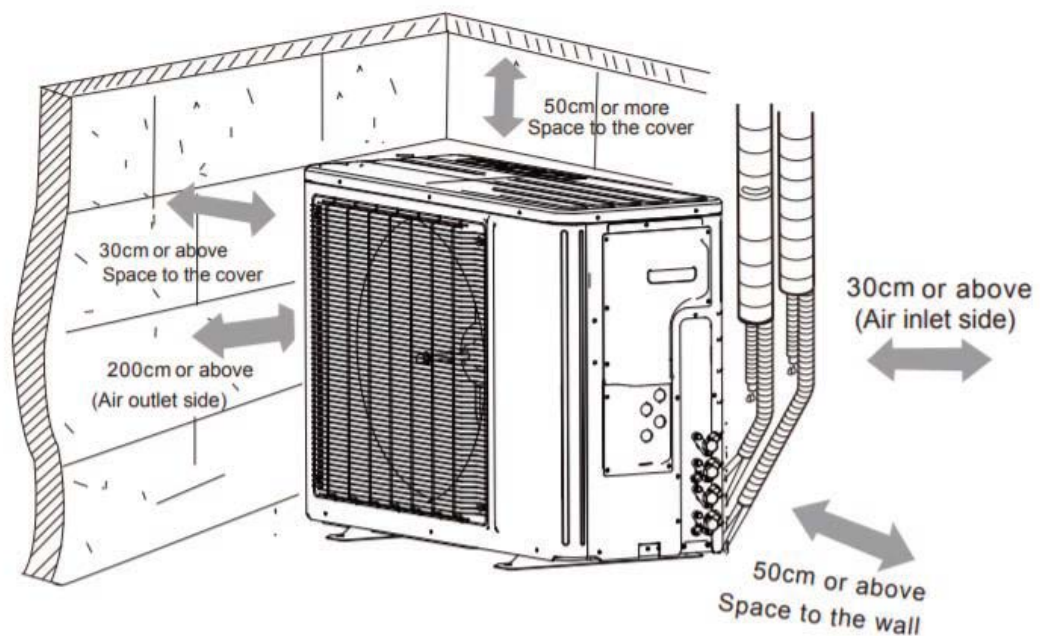
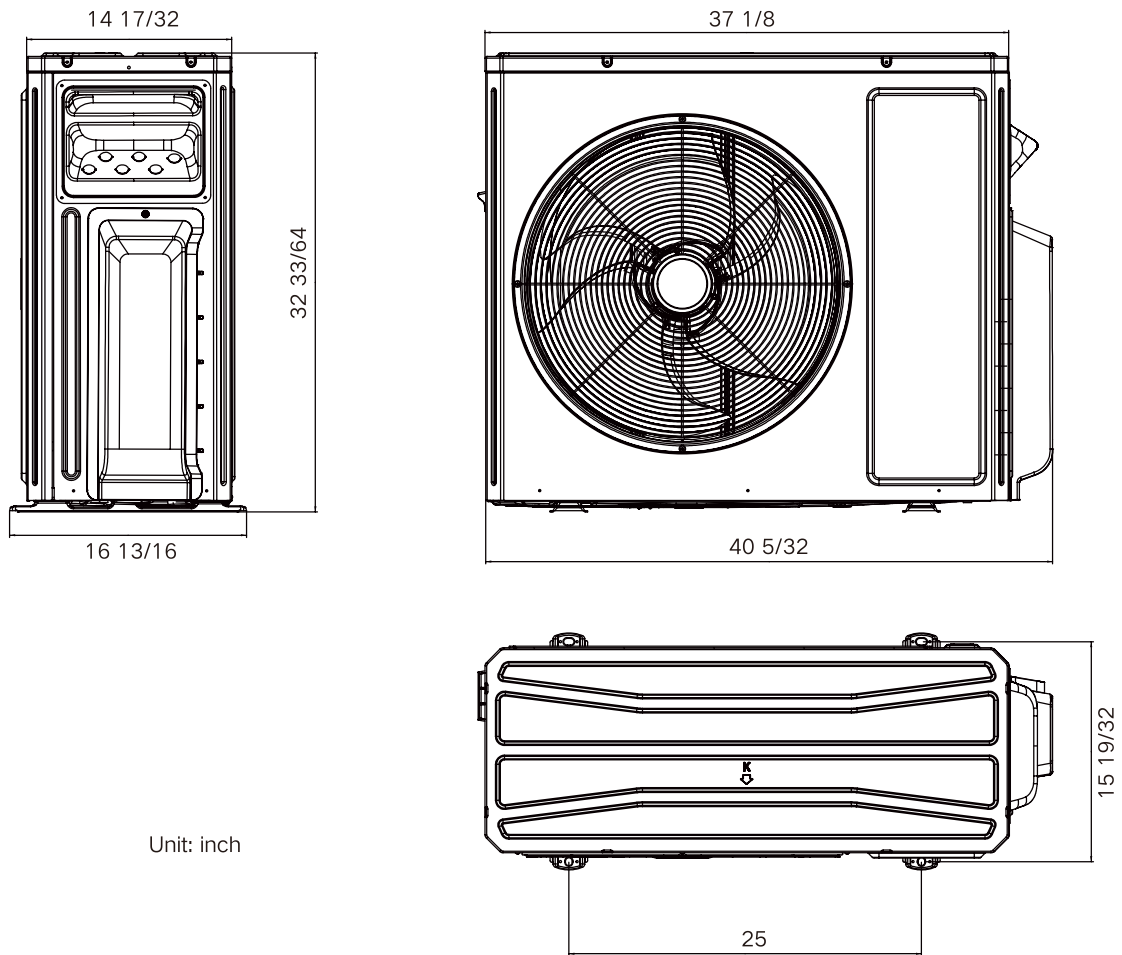
Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.

Outline and Physical Dimensions of GWHD(30)ND3MO



SPLIT TYPE

ODU Service Manual

Model:
GWHD(36)ND3MO



Model		GWHD(36)ND3MO	
Power supply	Rated Voltage	V~	208/230
	Rated Frequency	Hz	60
	Phases	-	1
Cooling capacity		Btu/h	34000
Heating capacity		Btu/h	36000
Cooling Power Input		W	2830
Heating Power Input		W	2960
Cooling Current Input		A	12.56
Heating Current Input		A	13.13
Rated Power Input		W	4600/5200
Rated Current		A	20.41/22.61
EER		(Btu/h)/W	12.00
COP		(Btu/h)/W	12.16
SEER		-	21.00(SEER) 21.00(SEER2)
HSPF		-	10.00(HSPF) 10.00(HSPF2)
Outdoor Unit	Compressor Trademark	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
	Compressor Model	-	QXFS-D280zX070C
	Compressor Refrigerant Oil Type	-	FW68DA or equivalent
	Compressor Type	-	Twin Rotary
	L.R.A	A	/
	Compressor Rated Load Amp (RLA)	A	18.2
	Compressor Power Input	W	2294
	Compressor Thermal Protector	-	KSD115°C HPC115/95U1
Throttling Method		-	Electron expansion valve

Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.

Outdoor Unit	Cooling Operation Ambient Temperature Range	°F	-22~118
	Heating Operation Ambient Temperature Range	°F	-22~75.2
	Condenser Material	-	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7.94
	Rows-Fin Gap(mm)	mm	3-1.6
	Coil length (l) × height (H) × coil width (L)	mm	1066 × 792 × 57.1
	Fan Motor Speed (rpm)	rpm	cooling:860 heating:860
	Output of Fan Motor	W	130
	Fan Motor RLA	A	/
	Fan Motor Capacitor	-	/
	Air Flow Volume of Outdoor Unit	CFM	3413
	Fan Type-Piece	-	Axial-flow
	Fan Diameter	mm	Φ550-205
	Defrosting Method	-	Automatic Defrosting
	Climate Type	-	T1
	Isolation	-	I
	Moisture Protection	-	IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	PSIG	550
	Permissible Excessive Operating Pressure for the Suction Side	PSIG	240
	Dimension (W × D × H)	inch	40 5/32 × 16 13/16 × 32 33/64
	Dimension of Package (L × W × H)	inch	42 29/32 × 19 29/64 × 34 1/4
	Dimension of Package(L × W × H)	inch	43 1/32 × 19 9/16 × 34 27/32
	Net Weight	lb	172.0
	Gross Weight	lb	187.4
	Refrigerant Charge	-	R410A
	Refrigerant Charge	oz	130.5
	Cross-sectional Area of Power Cable Conductor	sq in	0.008215(AWG10)
	Recommended Power Cable(Core)	N	3
	Connection Pipe Connection Method	-	Flare Connection
	Not Additional Gas Connection Pipe Length	ft	131.2
	Connection Pipe Gas Additional Charge	oz/ft.	0.2
	Outer Diameter of Liquid Pipe1 (GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe2(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe3(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe4(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Gas Pipe1 (GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Gas Pipe2(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Liquid Pipe3(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Liquid Pipe4(GREE Allocation)(Metric)	inch	3/8"
	Connection Pipe Max. Height Distance(indoor and indoor)	ft	82.0
	Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	82.0
	Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	82.0
	Max. equivalent connection pipe length(outdoor to last indoor)	ft	82.0
	Connection Pipe Max. Length Distance(total length)	ft	262.5

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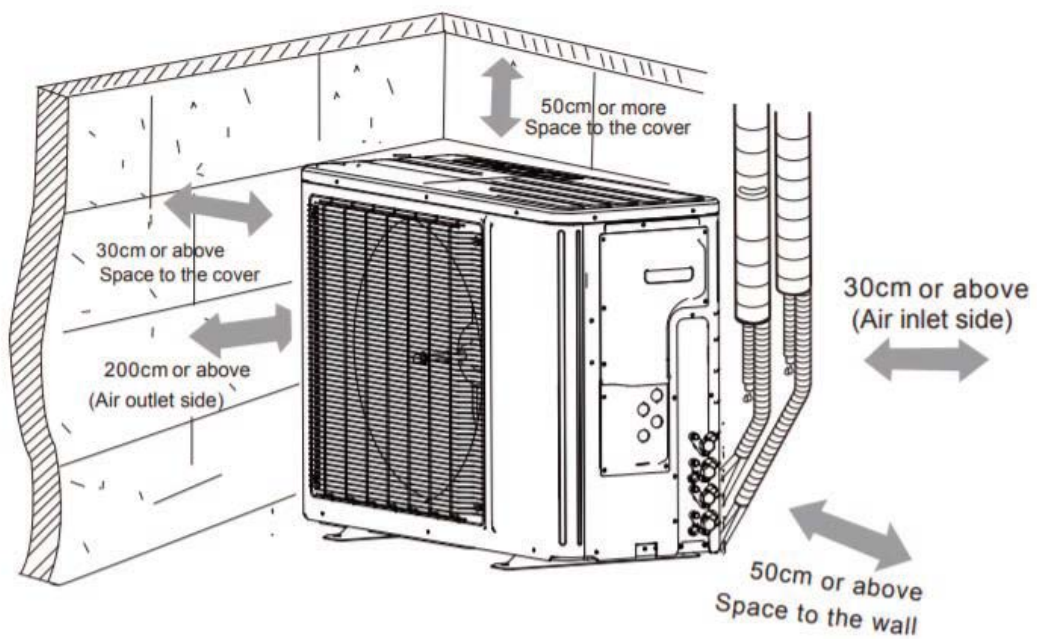
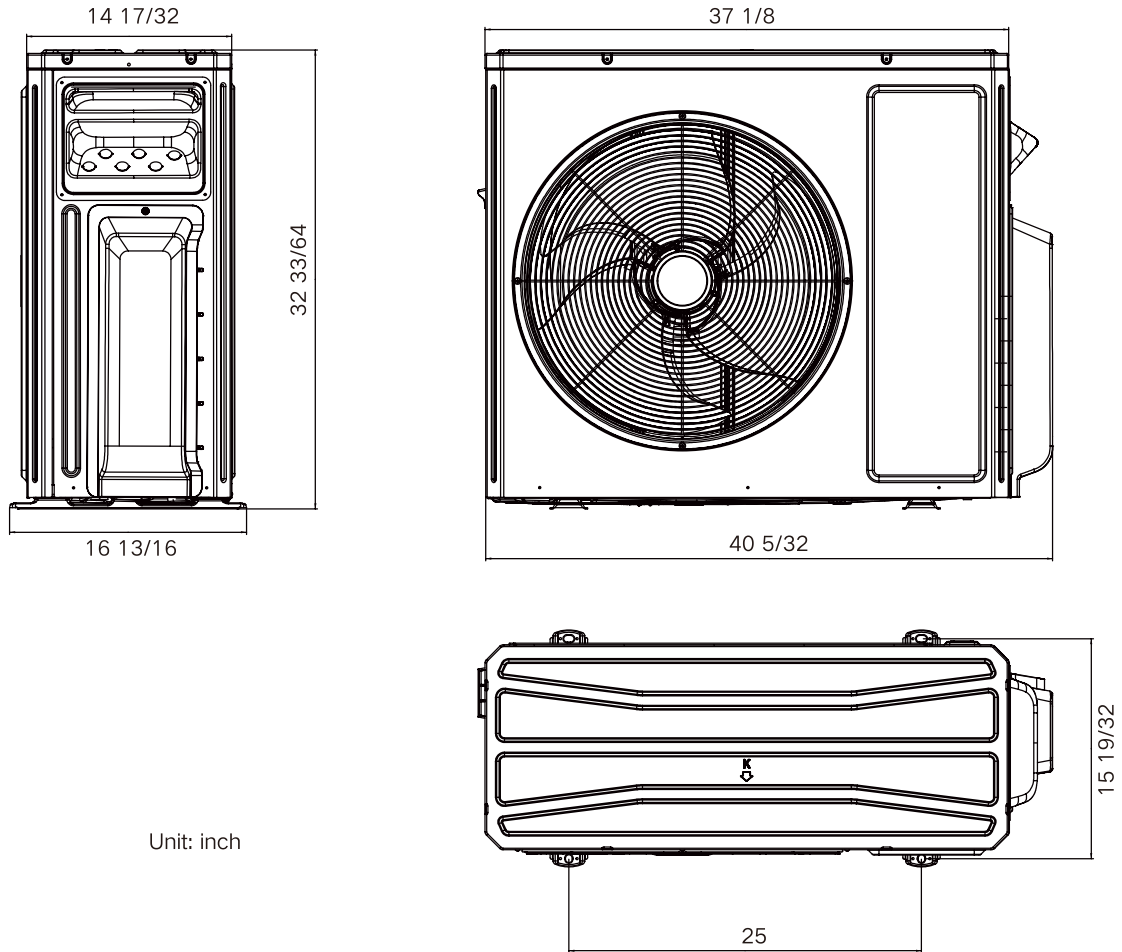
Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.

Outline and Physical Dimensions of GWHD(36)ND3MO



SPLIT TYPE

ODU Service Manual

Model:
GWHD(42)ND3MO



Model		GWHD(42)ND3MO	
Power supply	Rated Voltage	V~	208/230
	Rated Frequency	Hz	60
	Phases	-	1
Cooling capacity		Btu/h	36000
Heating capacity		Btu/h	40000
Cooling Power Input		W	3000
Heating Power Input		W	3020
Cooling Current Input		A	13.31
Heating Current Input		A	13.40
Rated Power Input		W	4600/5200
Rated Current		A	20.41/22.61
EER		(Btu/h)/W	12.00
COP		(Btu/h)/W	13.25
SEER		-	21.00(SEER) 21.00(SEER2)
HSPF		-	10.00(HSPF) 10.00(HSPF2)
Outdoor Unit	Compressor Trademark	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
	Compressor Model	-	QXFS-D280zX070C
	Compressor Refrigerant Oil Type	-	FW68DA or equivalent
	Compressor Type	-	Twin Rotary
	L.R.A	A	/
	Compressor Rated Load Amp (RLA)	A	18.4
	Compressor Power Input	W	2294
	Compressor Thermal Protector	-	KSD115°C HPC115/95U1
Throttling Method		-	Electron expansion valve

Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.



Outdoor Unit	Cooling Operation Ambient Temperature Range	°F	-22~118
	Heating Operation Ambient Temperature Range	°F	-22~75.2
	Condenser Material	-	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7.94
	Rows-Fin Gap(mm)	mm	3-1.6
	Coil length (l) × height (H) × coil width (L)	mm	1066 × 792 × 57.1
	Fan Motor Speed (rpm)	rpm	cooling:860 heating:860
	Output of Fan Motor	W	130
	Fan Motor RLA	A	/
	Fan Motor Capacitor	-	/
	Air Flow Volume of Outdoor Unit	CFM	3413
	Fan Type-Piece	-	Axial-flow
	Fan Diameter	mm	Φ550-205
	Defrosting Method	-	Automatic Defrosting
	Climate Type	-	T1
	Isolation	-	I
	Moisture Protection	-	IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	PSIG	550
	Permissible Excessive Operating Pressure for the Suction Side	PSIG	240
	Dimension (W × D × H)	inch	40 5/32 × 16 13/16 × 32 33/64
	Dimension of Package (L × W × H)	inch	42 29/32 × 19 29/64 × 34 1/4
	Dimension of Package(L × W × H)	inch	43 1/32 × 19 9/16 × 34 27/32
	Net Weight	lb	174.2
	Gross Weight	lb	189.6
	Refrigerant Charge	-	R410A
	Refrigerant Charge	oz	134.0
	Cross-sectional Area of Power Cable Conductor	sq in	0.008215(AWG10)
	Recommended Power Cable(Core)	N	3
	Connection Pipe Connection Method	-	Flare Connection
	Not Additional Gas Connection Pipe Length	ft	164.0
	Connection Pipe Gas Additional Charge	oz/ft.	0.2
	Outer Diameter of Liquid Pipe1(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe2(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe3(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe4(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Liquid Pipe5(GREE Allocation)(Metric)	inch	1/4"
	Outer Diameter of Gas Pipe1(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Gas Pipe2(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Liquid Pipe3(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Liquid Pipe4(GREE Allocation)(Metric)	inch	3/8"
	Outer Diameter of Liquid Pipe5(GREE Allocation)(Metric)	inch	3/8"
	Connection Pipe Max. Height Distance(indoor and indoor)	ft	82.0
	Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	82.0
	Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	82.0
	Max. equivalent connection pipe length(outdoor to last indoor)	ft	82.0
	Connection Pipe Max. Length Distance(total length)	ft	328.1

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

Job Name:

Schedule Reference:

Date:

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Outline and Physical Dimensions of GWHD(42)ND3MO

