

2. Specifications

Model	-	GWHD(36)NK6RO
Product Code	-	CB228W20400
Rated Voltage	V~	220-240
Rated Frequency	Hz	50
Phases	-	1
Recommended Power Cable	mm ²	3G6
Cooling Capacity	kW	10.6
Heating Capacity	kW	12
Cooling Power Input	kW	2.95
Heating Power Input	kW	3.2
Cooling Current Input	A	13
Heating Current Input	A	14.0
Rated Input	kW	6.5
Rated Current	A	29.5
Air Flow Volume	m ³ /h	5800
EER	W/W	3.66
COP	W/W	3.75
SEER	-	7.2
SCOP(Average/Warmer/Colder)	-	4.2/-/-
Hot Water Heating Capacity	kW	4.2
Rated Water Supply	L/h	90
Heating Water COP	W/W	4.56
Water Temperature Range	°C	35~55
Heating Water Operation Ambient Temperature Range	°C	-22~43
SCOPDHW(Average/Warmer/Colder)	-	2.74/3.43/2.00
Qelec(Average/Warmer/Colder)	kWh	4.25/3.4/5.83
ηWh(Average/Warmer/Colder)	%	115/145/83
Heating Water Sound Pressure Level	dB(A)	56
Heating Water Sound Power Level	dB(A)	63
Heating Water Rated Power Input	KW	2.5
Heating Water Power Input	KW	0.92
Heating Water Rated Current	A	11
Heating Water Current Input	A	4.0
Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
Compressor Model	-	QXFS-D280zX070C
Compressor Refrigerant Oil Type	-	FW68DA or equivalent
Compressor Type	-	Twin Rotary
Compressor Locked Rotor Amp (L.R.A)	A	40
Compressor Rated Load Amp (RLA)	A	/
Compressor Power Input	W	2294
Compressor Thermal Protector	-	KSD115°C HPC115/95U1
Throttling Method	-	Electron expansion valve
Cooling Operation Ambient Temperature Range	°C	-15~43
Heating Operation Ambient Temperature Range	°C	-22~24
Condenser Material	-	Aluminum Fin-copper Tube
Condenser Pipe Diameter	mm	Φ7.94
Condenser Rows-fin Gap	mm	2-1.4
Condenser Coil Length (L×D×W)	mm	1066×792×38.1

Fan Motor Speed	r/min	Cooling: 860 / Heating: 860
Fan Motor Power Output	W	130
Motor Full Load Amp(FLA)	A	/
Fan Motor Capacitor	μF	/
Fan Type	-	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	MPa	4.3
Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
Sound Pressure Level	dB(A)	60
Sound Power Level	dB(A)	70
Dimension(WXHXD)	mm	1020X826X427
Dimension of Carton Box (LXWXH)	mm	1090X494X850
Dimension of Package(LXWXH)	mm	1095X500X955
Net Weight	kg	72.5
Gross Weight	kg	85.5
Refrigerant	-	R32
Refrigerant Charge	kg	2.4
Not Additional Gas Connection Pipe Length	m	40
Connection Pipe Gas Additional Charge	g/m	20
Outer Diameter of Liquid Pipe (British System Allocation)	inch	1/4, 1/4, 1/4, 1/4
Outer Diameter of Gas Pipe (British System Allocation)	inch	3/8, 3/8, 3/8, 3/8
Connection Pipe Max. Height Distance (indoor and indoor)	m	25
Connection Pipe Max. Height Distance (indoor and outdoor and indoor up)	m	25
Connection Pipe Max. Height Distance (indoor and outdoor and outdoor up)	m	25
Max. equivalent connection pipe length (outdoor to last indoor)	m	25
Connection Pipe Max. Length Distance (total length)	m	80
Connection Pipe Water In/Out Pipe Diameter	inch	0.59
Screw Thread connection	inch	0.5
Connecting Pipes Length (to Water Tank)	inch	0
Water Temperature Sensor Cable Length	m	5
Water Temperature Sensor Quantity	-	2
Heat Exchanger Type (Water Side)	-	microchannel heat exchanger
Heat Exchanger Quantity (Water Side)	-	1
Heat Exchanger Water Flow	L/min	/
Heat Exchanger Max. Pressure	bar	/
Heat Exchanger Pressure Drop	kPa	/
Water Tank Model1	-	SXTD200LCJW/A-K
Water Tank Product Code1	-	ER20000342
Water Tank Model2	-	/
Water Tank Product Code2	-	/
Water Tank Model3	-	/
Water Tank Product Code3	-	/
Optional Software and Controller	-	XE71-45/GC1

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

3. Outline Dimension Diagram

GWHD(36)NK6RO GWHD(42)NK6RO

