

2. Specifications

Model Name			Unit	ZTNW18GQLA1 [CT18F NQ0]
Power Supply			V, Ø, Hz	220-240, 1, 50
				220, 1, 60
Capacity(Nominal)	Cooling		kW	5.0
	Heating		kW	5.7
Power Input		H / M / L	W	30 / 26 / 22
Running Current		H / M / L	A	0.33 / 0.31 / 0.29
		Max.	A	0.40
Exterior	Color		-	Steel Gray
Dimensions		W x H x D	mm	570 × 256 × 570
Weight	Net		kg	13.9
	Shipping		kg	16.9
Heat Exchanger	Rows x Columns x FPI			(2 x 10 x 18) x 1
	Face Area		m ²	0.28
Fan Type				3D Turbo Fan
Air Flow Rate		H / M / L	m ³ /min	13.0 / 12.0 / 11.0
Fan Motor	Type			BLDC
	Drive			Internal
	Output		W x No.	43 x 1
Safety Device				Fuse / Thermal Protector for Fan Motor
Piping Connections	Liquid Side		mm (inch)	Ø 6.35 (1/4)
	Gas Side		mm (inch)	Ø 12.7 (1/2)
	Drain Pipe	O.D. / I.D.	mm	Ø 32.0 / 25.0
Sound Pressure Level	Cooling	H / M / L	dB(A)	41 / 39 / 37
	Heating	H / M / L	dB(A)	41 / 39 / 37
Sound Power Level	Cooling	Rated	dB(A)	57
	Heating	Rated	dB(A)	-
Power and Communication Cable (included Earth)			No. x mm ²	4C x 0.75
Decoration Panel	Model Name			PT-QAGW0
	Color (RAL)			White (9003)
	Dimensions	W x H x D	mm	620 × 35 × 620
	Net Weight		kg	2.85
	Shipping Weight		kg	3.90

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national code. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation(Sound Pressure : LG Internal standard, Sound Power : EN 12102 (ISO 3741).
- Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

3. Dimensions

ZTNW18GQLA1 [CT18F NQ0]

[Unit: mm]
 Chassis Code : TQ
 DWG No. : TBA36068301_Rev02

View A
Fresh Air Intake hole

3D View

Installation position of body
 (Keep this distance between the bottom surface of body and Ceiling Surface)

Symbols

- View Direction
- Datum line
- Refrigerant/Drain Piping Direction

Note

1. Unit should be installed in compliance with the installation manual in the product box.
2. Unit should be grounded in accordance with the local regulations or applicable national codes.
3. All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.
4. Electric characteristics chapter should be considered for electrical work and design. Especially, the power cable and circuit breaker should be selected in accordance with that.

No.	Part Name	Description
12	Fresh Air Intake Hole	Knock-out type
11	Flexible Drain Hose	Supplied with product
10	Decoration Corner Display Cover	Supplied with panel
9	Decoration Corner Cover	Supplied with panel
8	Decoration Panel(Accessory)	PT-QAGWO
7	Air Outlet	-
6	Air Intake	-
5	Wired remote controller wire routing hole	-
4	Power and Communication cable routing hole	-
3	Drain Pipe Connection	-
2	Liquid Pipe Connection	-
1	Gas Pipe Connection	-