

## 2. Specifications

Type		4 Way Ceiling Mounted Cassette			
		Model	Unit	WF4A018CG0A	WF4A027CG0A
Power Supply			V, Φ, Hz	220-230-240, 1, 50/60	220-230-240, 1, 50/60
Running Current by Voltage			A	0.37-0.37-0.37	0.38-0.38-0.38
Capacity	Cooling	Condition A	kW(kcal/h)	1.8(1,548)	2.7(2,322)
		Condition B		1.2(1,032)	1.8(1,548)
		Condition C		1.5(1,290)	2.3(1,978)
		Condition D		0.7(602)	1.2(1,032)
	Heating	Condition A	kW(kcal/h)	1.9(1,634)	2.7(2,322)
		Condition B		2.2(1,892)	3.1(2,666)
Water Flow Rate	Cooling	Condition A	LPM	5.7	8.2
		Condition B		4.6	6.6
		Condition C		5.7	8.2
		Condition D		3.4	4.9
	Heating	Condition A	LPM	6.1	8.6
		Condition B		5.7	8.2
Head Loss	Cooling	Condition A	kPa	21.5	32.0
		Condition B		13.7	20.3
		Condition C		21.5	32.0
		Condition D		8.1	12.0
	Heating	Condition A	kPa	30.3	40.7
		Condition B		26.2	36.5
Power Input	Nominal	W	12	15	
Running Current	Nominal	A	0.37	0.38	
Fan	Type	-	Turbo Fan	Turbo Fan	
	Air Flow Rate(H/M/L)	m <sup>3</sup> /min	6.5/5.5/5.0	7.0/6.5/6.0	
Fan Motor	Type	-	BLDC	BLDC	
	Drive	-	CCW	CCW	
	Output	W x No.	30x1	30x1	
	FLA(Full Load Ampere)	A	0.37	0.38	
Dimensions	Net (W x H x D)	mm	570 x 214 x 570	570 x 214 x 570	
Weight	Net	kg	12.9	12.9	
	Shipping	kg	15.7	15.7	
Air Filter	Type	-	-	-	
Temperature Control		-	Microprocessor, Thermostat for cooling and heating		
Sound Absorbing / Thermal Insulation Material		-	Foamed polystyrene	Foamed polystyrene	
Protection Device		-	Fuse	Fuse	
Water Connecting Pipes	Inlet	-	BSPF G 3/4"(male)	BSPF G 3/4"(male)	
	Outlet	-	BSPF G 3/4"(male)	BSPF G 3/4"(male)	
Sound Pressure Level	Cooling(H/M/L)	dB(A)	35/34/33	38/37/35	
	Heating(H/M/L)	dB(A)	35/34/33	38/37/35	
Sound Power Level	Cooling(H/M/L)	dB(A)	40/39/38	44/42/40	
	Heating(H/M/L)	dB(A)	40/39/38	44/42/40	
Connecting Cable	Communication Cable(VCTF-SB)	mm <sup>2</sup> ×cores	1.0 ~ 1.5	1.0 ~ 1.5	
Decoration Panel #1 (Accessory)	Name	-	PT-QCHW0	PT-QCHW0	
	Dimensions(W x H x D)	mm	620 x 34 x 620	620 x 34 x 620	
	Color	-	Morning fog	Morning fog	
	RAL Code	-	120-4	120-4	
Decoration Panel #2 (Accessory)	Name	-	-	-	
	Dimensions(W x H x D)	mm	-	-	
	Color	-	-	-	
	RAL Code	-	-	-	

**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 codes. 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.
- Performances are based on the following conditions :
  - Cooling
    - Condition A : Inlet/Outlet Water Temp. 7°C / 12°C, Indoor Air Temp. 27°CDB / 19°CWB
    - Condition B : Inlet/Outlet Water Temp. 10°C / 15°C, Indoor Air Temp. 27°CDB / 19°CWB
    - Condition C : Inlet/Outlet Water Temp. 7°C / 12°C, Indoor Air Temp. 25°CDB / 17.9°CWB
    - Condition D : Inlet/Outlet Water Temp. 14°C / 18°C, Indoor Air Temp. 26°CDB / 18°CWB
  - Heating
    - Condition A : Inlet/Outlet Water Temp. 45°C / 40°C, Indoor Air Temp. 20°CDB / 15°CWB
    - Condition B : Inlet Water Temp. 50°C, Indoor Air Temp. 20°CDB / 15°CWB
- Capacity, power consumption, etc. may vary depending on the product installation conditions (temperature, conditions of use).
- Main power line should be shorter than 50m. When installing a power line longer than 50m, contact LG Electronics.
- Water connecting pipes are in accordance with the DIN-EN-ISO 228-1 standard.