2. Specifications

Type				Ceiling Concealed Duct - Low Static
Model Name			Unit	WFCA066RG0A
Power Supply			V, Φ, Hz	220-230-240, 1, 50
Running Current by Voltage			A	0.70-0.71-0.71
Capacity	Cooling	Condition A	kW(kcal/h)	6.6(5,675)
		Condition B		5.5(4,729)
		Condition C		5.9(5,073)
		Condition D		3.3(2,837)
	Heating	Condition A	kW(kcal/h)	6.6(5,675)
		Condition B		8.0(6,879)
Water Flow Rate	Cooling	Condition A	LPM	21.7
		Condition B		21.7
		Condition C		21.7
		Condition D		14.7
	Heating	Condition A	LPM	21.7
		Condition B		21.7
Head Loss	Cooling	Condition A	kPa	53.9
		Condition B		53.9
		Condition C		53.9
		Condition D		37.6
	Heating	Condition A	kPa	71.7
		Condition B		71.7
Power Input	Nominal		W	81
Running Current	Nominal		A	0.71
Fan	Type		-	Sirocco Fan
	Air Flow Rate(H/M/L)		m^3/min	20.1/17.3/14.4
	External Static Pressure (Standard mode)		mmAq	0
	External Static Pressure (High mode)		mmAq	0
Fan Motor	Type		-	BLDC
	Drive		-	CW
	Output		W x No.	19x2
	FLA(Full Load Ampere)		A	0.71
Dimensions	Net(W x H x D)		mm	1,100 x 190 x 700
	Shipping(W x H x D)		mm	1,242 x 235 x 766
Weight	Net		kg	26.2
	Shipping		kg	30.7
Air Filter	Type		-	Pre Filter
Temperature Control			-	Microprocessor, Thermostat for cooling and heating
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene
Protection Divice			-	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4"(male)
	Outlet		-	BSPF G 3/4"(male)
Sound Pressure Level	Cooling(H/M/L)		dB(A)	38/34/31
	Heating(H/M/L)		dB(A)	38/34/31
Sound Power Level	Cooling(H/M/L)		dB(A)	55/52/48
	Heating(H/M/L)		dB(A)	55/52/48
Connecting Cable	Communication Cable(VCTF-SB)		mm^2×cores	1.0 ~ 1.5

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. 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.
3. 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.
4. Performances are based on the following conditions :
   1) 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
   2) 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
5. Capacity, power consumption, etc. may vary depending on the product installation conditions (temperature, conditions of use).
6. Main power line should be shorter than 50m. When installing a power line longer than 50m, contact LG Electronics.
7. Water connecting pipes are in accordance with the DIN-EN-ISO 228-1 standard.