

2. Specifications

Type		4 Way Ceiling Mounted Cassette		
Model		Unit	WF4A090CG0A	WF4A105CG0A
Power Supply		V, Φ, Hz	220-230-240, 1, 50/60	220-230-240, 1, 50/60
Running Current by Voltage		A	0.89-0.89-0.89	1.4-1.39-1.39
Capacity	Cooling	Condition A	9.0(7,739)	10.5(9,028)
		Condition B	6.0(5,159)	7.0(6,019)
		Condition C	7.3(6,277)	8.5(7,309)
		Condition D	3.7(3,181)	4.3(3,697)
	Heating	Condition A	9.7(8,340)	11.1(9,544)
		Condition B	11.5(9,888)	13.4(11,522)
Water Flow Rate	Cooling	Condition A	28.0	33.0
		Condition B	21.2	25.0
		Condition C	28.0	33.0
		Condition D	17.8	21.0
	Heating	Condition A	28.0	33.0
		Condition B	28.0	33.0
Head Loss	Cooling	Condition A	56.3	80.4
		Condition B	31.5	44.0
		Condition C	56.3	80.4
		Condition D	23.5	31.3
	Heating	Condition A	48.9	68.3
		Condition B	48.9	68.3
Power Input	Nominal	W	103	167
Running Current	Nominal	A	0.89	1.39
Fan	Type	-	Turbo Fan	Turbo Fan
	Air Flow Rate(H/M/L)	m ³ /min	25.0/21.0/19.0	31.0/28.0/25.0
Fan Motor	Type	-	BLDC	BLDC
	Drive	-	CCW	CCW
	Output	W x No.	156x1	156x1
	FLA(Full Load Ampere)	A	0.89	1.39
Dimensions	Net (W x H x D)	mm	840 x 246 x 840	840 x 246 x 840
Weight	Net	kg	23.2	23.2
	Shipping	kg	27.5	27.5
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)	51/47/43	55/53/51
	Heating(H/M/L)	dB(A)	51/47/43	55/53/51
Sound Power Level	Cooling(H/M/L)	dB(A)	59/54/51	63/61/58
	Heating(H/M/L)	dB(A)	59/54/51	63/61/58
Connecting Cable	Communication Cable(VCTF-SB)	mm ² xcores	1.0 ~ 1.5	1.0 ~ 1.5
Decoration Panel #1 (Accessory)	Name	-	PT-MCHW0	PT-MCHW0
	Dimensions(W x H x D)	mm	950 x 35 x 950	950 x 35 x 950
	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.