

**Submittal**

AM012KNQDCH/AZ

Boracay

**SAMSUNG**  
Latin America

Job Name \_\_\_\_\_  
 Purchaser \_\_\_\_\_  
 Submitted to \_\_\_\_\_

Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Reference \_\_\_\_\_ Approval \_\_\_\_\_ Construction \_\_\_\_\_

**Specifications**

Model		AM012KNQDCH/AZ
Features	Type	Boracay
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1,2,208-230,60
Capacity	Cooling [kW]	3.52
	Cooling [Btu/h]	12,000
	Heating [kW]	3.96
	Heating [Btu/h]	13,500
Current Input (Nominal)	Cooling 1 [A]	0.22
	Heating 2 [A]	0.22
System	Mode	HP/HR
Power Input (Nominal)	Cooling 1 [W]	42.00
	Heating 2 [W]	42.00
Fan	Type	Crossflow Fan
	Motor (Output) [W]	17 x 1
	Air Flow Rate (High / Mid / Low) [CFM]	300/265/233
	Air Flow Rate (High / Mid / Low) [CMM]	8.50/7.50/6.60
	Air Flow Rate (High/Mid/Low) [L/S]	141.67/125.00/110.00
	External Static Pressure (Min / Std / Max) [in H2O]	-
	External Static Pressure (Min / Std / Max) [mmAq]	-
	External Static Pressure (Min / Std / Max) [Pa]	-
Piping Connections	Liquid Pipe (Φ, mm)	6.35
	Liquid Pipe (Φ, inch)	1/4"
	Gas Pipe (Φ, mm)	12.70
	Gas Pipe (Φ, inch)	1/2"
	Drain Pipe (Φ,mm)	ID 18 HOSE
Field Wiring	Power Source Wire	1.5 ~ 2.5
	Transmission Cable	0.75 ~ 1.5
Refrigerant	Type	R410A
	Control Method	EEV INCLUDED
Sound	Sound Pressure	36.0/33.0/29.0
	Sound Power	51.0
External Dimension (Indoor Unit)	Net Weight(kg)	9.00
	Shipping Weight (kg)	10.30
	Net Dimensions (WxHxD) (mm)	820 x 285 x 227
	Shipping Dimensions (WxHxD) (mm)	880 x 363 x 280
Panel Size	Panel model	-
	Panel Net Weight (kg)	-
	Shipping Weight (kg)	-
	Net Dimensions (WxHxD) (mm)	-
	Shipping Dimensions (WxHxD) (mm)	-
Additional Accessories	Drain Pump	-
	Drain Pump Max. Lifting Height/Displacement	-
	Air Filter	Removable / Washable



Specifications

•Compatible with Samsung DVM S, DVM S Water, and DVM Eco systems (AM\*\*\*\*\*/\*\*).

•Electro-static, washable, pleated filters as standard (included with unit)

•Supplemental, replaceable, anti-allergy and deodorizing filters included as standard

•The unit shall have LED indicator lights, IR receiver, and 1 motorized louver

•High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.

**Construction**

HIPS chassis certified to UL94 V0 with galvanized steel mounting bracket

**Heat Exchanger**

The heat exchanger shall be mechanically bonded fin to copper tube

**Indoor Fan**

Indoor fan is a single, antibacterial, crossflow type Three fan speed settings and auto setting

**Controls**

The unit shall be operated via a wireless or wired remote control with DDC type signal

The unit shall integrate with the Samsung NASA Controls Network Solution

Controls shall integrate with a BMS system Control wiring shall be 2 X 16 AWG shielded wire

\* Nominal cooling capacities are based on: Indoor temperature: 80 °F DB, 67°F WB. Outdoor temperature: 95°F DB, 75°F WB.

\* Nominal heating capacities are based on: Indoor temperature: 70 °F DB, 60°F WB. Outdoor temperature: 47°F DB, 43°F WB.

English 1

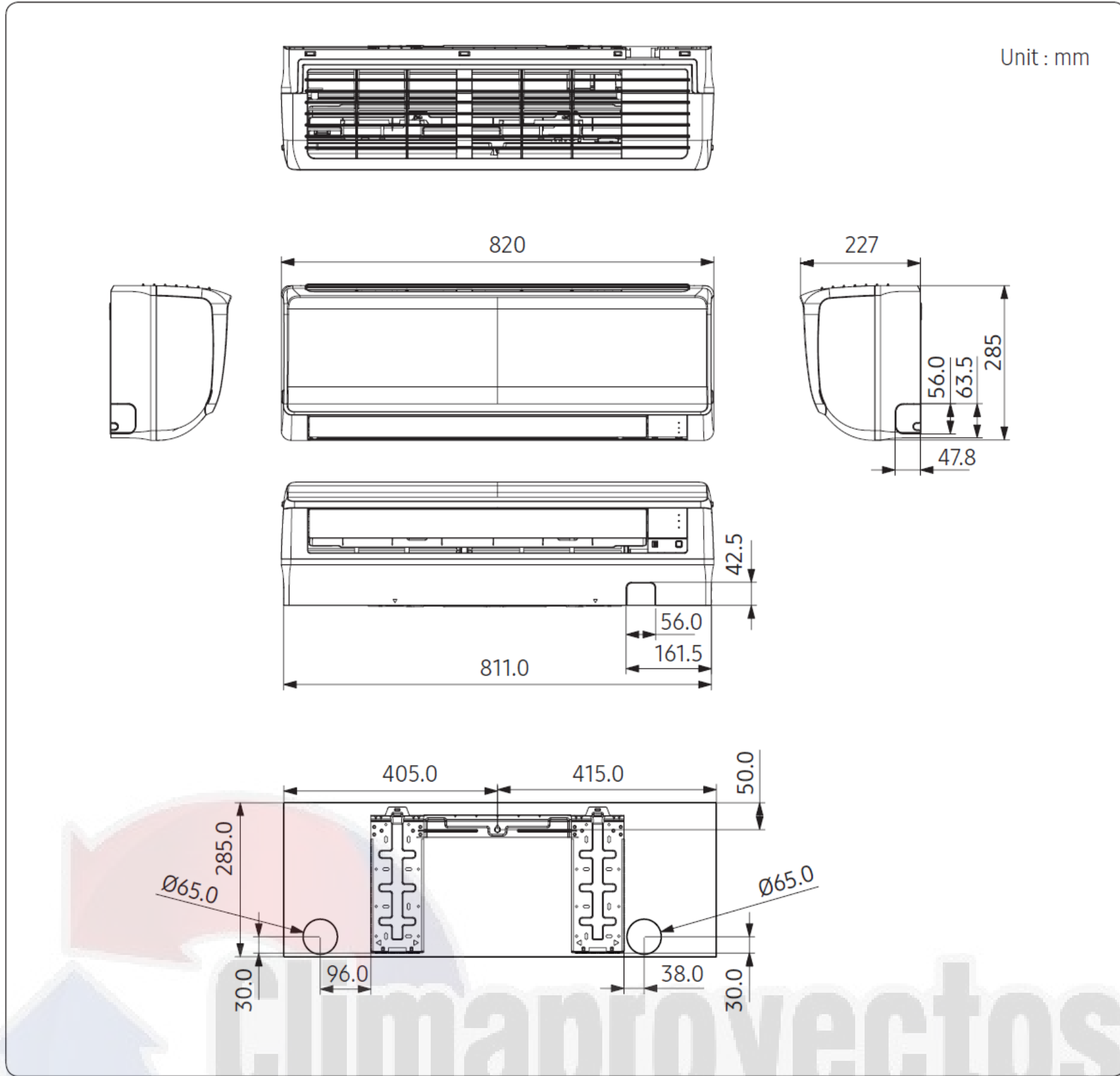
**Submittal**

AM012KNQDCH/AZ

Boracay

**SAMSUNG**  
Latin America

Spe



No.	Name	Description
1	Liquid pipe connection	Ø6.35 (Ø1/4)
2	Gas pipe connection	Ø12.7 (Ø1/2)
3	Drain pipe connection	ID 18 HOSE
4	Power & Communication wiring conduit	