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FOR BUSINESS CUSTOMERS

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AM020FNTDCH/AA
20,000BTU, DVM, RAC, Indoor

Share

Smart technology
Induces ideal sleeping environment
Deodorizing filter

COOLING CAPACITY 20,000 BTU/h

12,000 BTU/h	20,000 BTU/h
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Smart Technology

Smart Technology

The solution for residential buildings requiring a flexible, efficient and reliable air conditioning system.



Induces ideal Sleeping Environment

Induces ideal Sleeping Environment

One of the priorities of hotel operators and developers is to ensure that their occupants can sleep without interruption. Our Good'sleep feature will create the ideal bedroom climate, controlling and adjusting temperature to support the three vital stages of sleep. The unit eases users into the primary "falling asleep" stage by lowering the room temperature. It then raises it for optimum relaxation during the "sound sleep" phase, before shifting to allow a natural, comfortable "wake-up" period with intermittent bursts of air. This feature saves you up to 36 percent more in energy consumption than standard cooling modes whilst ensuring top quality sleep.



Deodorising Filter

Deodorising Filter

Our environmentally-friendly deodorising filter system keeps air fresh in a broad variety of situations and climates. By choosing this unique system, users can be confident that all traces of unpleasant odours are eliminated, leaving them with clean, fresh air. This not only creates a more pleasant environment, but also a healthier one, and is bound to boost customer satisfaction.

Specification

Features

Type

NEO FORTE

Model Name

Indoor Unit

AM020FNTDCH/AA

Power Supply (Indoor Unit) [Φ, #, V, Hz]

1,2,208-230,60

System

Mode

HP/HR

Capacity

Cooling [kW]	Cooling [Btu/h]	Heating [kW]	Heating [Btu/h]
5.86 kW	20,000 Btu/h	6.74 kW	23,000 Btu/h

Power Input (Nominal)

20,000BTU, DVM, RAC, Indoor

FEATURE TECH SPECS SUPPORT

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57 W

57 W

Current Input (Nominal)

Cooling 1)

0.38 A

Heating 2)

0.38 A

Fan

Type	Motor (Output) [W]	Air Flow Rate (High / Mid / Low) [CMM]	Air Flow Rate(High/Mid/Low)[L/S]
Crossflow Fan	40 x 1 W	13.00/12.00/11.00 CMM	233.33/208.33/183.33
External Static Pressure (Min / Std / Max) [mmAq]	External Static Pressure (Min / Std / Max) [Pa]		
-	-		

Piping Connections

Liquid Pipe (Φ, mm)	Liquid Pipe (Φ, inch)	Gas Pipe (Φ, mm)	Gas Pipe (Φ, inch)
6.35 mm	1/4"	12.7 mm	1/2"
Drain Pipe (Φ,mm)			
ID 18 HOSE			

Field Wiring

Power Source Wire	Transmission Cable
AWG 16 ~ 14	AWG 18 ~ 16

Refrigerant

Type	Control Method
R410A	EEV NOT INCLUDED

Sound

Sound Pressure	Sound Power
-	44.0/41.0/38.0 dBA

External Dimension (Indoor Unit)

Net Weight(kg)	Shipping Weight (kg)	Net Dimensions (WxHxD) (mm)	Shipping Dimensions (WxHxD) (mm)
12.5 kg	15.5 kg	1065 x 298 x 218 mm	1138 x 378 x 301 mm

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
-	-	-

HIDE MORE SPECS

Further Ecodesign and Energy labelling information : <http://www.samsung.com/global/business/system-air-conditioner/energylabel/>

Technical Support

[SEE ALL SUPPORT](#)

Manual Download

20,000BTU, DVM, RAC, Indoor
(AM020FNTDCH/AA)

Manuals

2014.01.06

User Manual ver 1.0
(ENGLISH)

1.52 MB

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