

U-FRESH



Change the mood of your home



3D Airflow

The airflow can cover a large area by blowing from left to right and top to bottom.



Intelligent Airflow (Cooling)

In cooling mode, air is blown towards the ceiling to provide shower-style ventilation. (Heating) In heating mode, air is blown towards the floor to provide blanket-style ventilation.



Fresh Air

It provides 30m³ or 60m³ of fresh air from outside, according to the consumer's choice, to improve the air quality in the room.



Gentle Cooling

Through the re-direction of the airflow in the Koanda effect, the air does not pass directly, but through the micro-holes, preventing the airflow from being strong and providing a shower-style light soft airflow.



Self-Cleaning

The indoor unit provides sterilization with a high temperature of 55°C, which can destroy some of the dust and bacteria that may accumulate on the evaporator surface. It first freezes the indoor unit, then removes dust and bacteria from the evaporator by defrosting, and finally provides sterilization by drying..



Wi-Fi Control

Control your Air Conditioner with smart phone via Wi-Fi with mobile devices even when you are outside. It allows you to monitor your energy consumption.



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Technical Specifications			
Model Set Code		-	HNT-WC12VMCL/S
Indoor Unit Model Code		-	HNT-WC12VMCL/I
Outdoor Unit Model Code		-	HNT-WC12VMCL/O
Controller Type		-	Remote Controller
Cooling Capacity		bTU/h	12.386 (3.412 ~ 13.649)
		W	3.630 (1.000 ~ 4.000)
Heating Capacity		bTU/h	13.307 (3.412 ~ 15.355)
		W	3.900 (1.000 ~ 4.500)
Pdesign	Cooling	W	3600
	Heating	W	2700
	Warmer	W	3000
Energy Efficiency	Cooling	SEER	8,50
	Heating	SCOP	4,60
	Warmer	SCOP	5,10
Energy Class	Cooling	-	A+++
	Heating	-	A++
	Warmer	-	A+++
Annual Energy Consumption	Cooling	kwh/a	148
	Heating	kwh/a	822
	Warmer	kwh/a	824
Moisture Removal		Litre/s	1,2
Sound Information			
Indoor Unit Sound Power	(S/H/M/L/Mute)	dB(A)	51/48/42/35/32
Indoor Unit Sound Pressure	(S/H/M/L/Mute)	dB(A)	41/38/33/27/22
Outdoor Unit Sound Power		dB(A)	61
Outdoor Unit Sound Pressure		dB(A)	51
Fan Information			
Indoor Unit Fan Type		-	Cross Flow
Indoor Unit Air Circulation	Cooling / Heating	m ³ /h	660/660
Indoor Unit Fan Speed S/H/M/L/Mute	Cooling	rpm	1270/1200/1070/900/780/700/600
	Heating	rpm	1270/1200/1100/1000/920/850/800
	Dry	rpm	700
	Sleep	rpm	700/850
Outdoor Unit Fan Type		-	Propeller Fan
Outdoor Unit Air Circulation		m ³ /h	2200
Outdoor Unit Fan Speed S/H/M/L/Mute		rpm	1000
Electrical Information			
Power Supply		Volt, Hz, Ph	220-240V~/50Hz/1Ph
Power Supply Side		-	Indoor
Power Supply Wiring		Core x Size	3x1,5mm ²
Automatic Fuse Current (No Delay)		A	16
Voltage Range		V	165~265
Operating Current	Cooling	A	4.7(1.5~9.2)
	Heating	A	5.1(1.5~10.0)
Power Consumption	Cooling	W	921(290~1510)
	Heating	W	994(290~1950)
Intermediate Installation Information			
Connecting Wiring		Core x Size	4x0.75mm ²
Connecting Wiring	Gas	Inc - (mm)	3/8" - (Ø9,52)
	Liquid	Inc - (mm)	1/4" - (Ø6,35)
Maximum Refrigerant Pipe Length		m	25
Maximum Difference In Level		m	10
Maximum Length Without Gas Charge		m	5
Additional Refrigerant Amount		Gr / Mt	20g/m
Refrigerating Type		-	R32
Charge		kg	0.805
GWP		-	675
CO ² Equivalent		Tonnes	0.544
Other Information			
Application Area	Min. - Max.	m ²	14-22
Operation Temperature Range		°C	16 ~ 31
Outdoor Unit Ambient Temperature Range	Cooling	°C	-15 ~ 53
	Heating	°C	-20 ~ 30
Indoor Unit Ambient Temperature Range	Cooling	°C	17 ~ 32
	Heating	°C	0 ~ 30
Indoor Unit Net Dimensions	W x H x D	mm	960x316x198
Indoor Unit Net Weight		kg	13
Outdoor Unit Net Dimensions	W x H x D	mm	795x549x305
Outdoor Unit Net Weight		kg	26,5
Indoor Unit Packing Dimensions	W x H x D	mm	1035x390x360
Indoor Unit Packing Weight		kg	15
Outdoor Unit Packing Dimensions	W x H x D	mm	835x585x340
Outdoor Unit Packing Weight		kg	29,5

*Measurement Conditions: Cooling indoor environment 27°C DT / 19°C WT, Cooling outdoor 35°C DT / 24°C WT, Heating indoor 20°C DT, Heating outdoor 7°C WT. (DT: Dry Thermometer; WT: Wet Thermometer) (EER and COP: EN 14511, SEER and SCOP: EN 14825 calculated according to measurement standards)."

