



HANTECH

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Elegant Series



CATALOG



A++

A+++

R32
REFILL-FREE DESIGN



3-Year
Product
Warranty

5-Year
Compressor
Warranty

DC INVERTER

ELEGANT



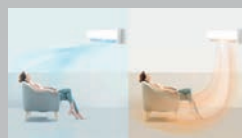
ECO Mode

Economic mode saves energy by adjusting the fan speed and compressor frequency according to the ambient temperature and set temperature.



Smart Airflow

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



Silent Operation

It ensures quiet operation by reducing fan speed and compressor speed.



I-Feel

The air conditioner follows the remote control, focusing heating or cooling on the area where the user is sitting. This results in more economical operation.



Wi-Fi Control

Even when you're outdoors, control your air conditioner via Wi-Fi using your smartphone and mobile devices. It also allows you to monitor your energy consumption.



Cold air
blow
protection



Cooling at
-15°C



Dehumidification



Screen
On / Off



Auto Mode



5 Fan Speed
Settings



Smart
Airflow



Fast Cooling



Fast Heating



Double
drain



Easy to
clean filter



Restart



Voltage Operating
Range Width



Smart
Defrosting



Emergency



Stainless



Fault
Detection



ECO Mode



Time
Scheduling



Sleep Mode



Ghost
Indicator



Refrigerant
Leak Warning



Wi-Fi
Control



I Feel



Comfortable
Cooling



Silent
Operation



Self-Cleaning

Technical Specifications						
Model Set Code	-	HNT-BN09VMCL/S	HNT-BN12VMCL/S	HNT-BN18VMCL/S	HNT-BN24VMCL/S	
Indoor Unit Model Code	-	HNT-BN09VMCL/I	HNT-BN12VMCL/I	HNT-BN18VMCL/I	HNT-BN24VMCL/I	
Outdoor Unit Model Code	-	HNT-BN09VMCL/O	HNT-BN12VMCL/O	HNT-BN18VMCL/O	HNT-BN24VMCL/O	
Remote Control Type	-	Remote control	Remote control	Remote control	Remote control	
Cooling Capacity		bTU/h	8.872 (3.207 ~ 11.260)	11.601 (3.412 ~ 12.864)	17.538 (4.265 ~ 20.165)	24.021 (6.244 ~ 26.614)
		W	2.600(940 ~ 3.300)	3.400 (1.000 ~ 3.770)	5.140 (1.250 ~ 5.910)	7.040 (1.500 ~ 7.800)
Heating Capacity		bTU/h	9.145 (3.208 ~ 10.918)	11.670 (3.412 ~ 13.000)	17.777 (4.265 ~ 20.711)	24.567 (5.118 ~ 27.296)
		W	2.680 (940 ~3.200)	3.420 (1.000 ~ 3.810)	5.210 (1.250 ~ 6.070)	7.200 (1.500 ~ 7.900)
Pdesign	Cooling	W	2600	3400	5100	7000
	Heating	W	2000	2200	3900	4900
	Heating Hot Climate	W	2300	2500	5100	6000
Energy Efficiency	Cooling	SEER	6,10	6,10	6,50	6,50
	Heating	SCOP	4,00	4,00	4,00	4,00
	Heating Hot Climate	SCOP	5,10	5,10	5,10	5,10
Energy Class	Cooling	-	A++	A++	A++	A++
	Heating	-	A+	A+	A+	A+
	Heating Hot Climate	-	A+++	A+++	A+++	A+++
Average Annual Energy Consumption	Cooling	kwh/a	150	196	275	377
	Heating	kwh/a	700	770	1365	1715
	Hot Climate	kwh/a	632	687	1400	1648
Dehumidification Capacity		Liter/s	1	1,2	1,8	2,4
Audio Information						
IDU Sound Power Level	(S/H/M/L/Mute)	dB(A)	52/47/43/35/32	53/50/44/36/32	56/53/47/41/37	58/56/51/46/40
IDU Sound Pressure Level	(S/H/M/L/Mute)	dB(A)	42/37/33/25/22	43/40/35/27/22	47/43/37/31/27	48/46/41/36/30
ODU Sound Power Level		dB(A)	62	62	65	67
ODU Sound Pressure Level		dB(A)	52	54	55	57
Fan Information						
Indoor Unit Fan Type	-		Cross fan	Cross fan	Cross fan	Cross fan
Indoor Unit Air Circulation	Cooling / Heating	m³/h	420/420	550/550	800/800	980/980
Indoor Unit Fan Speed (Turbo/High/Medium /Low/Quiet)	Cooling	rpm	1400/1300/1100/1000/900	1400/1320/1150/950/850	1400/1260/1050/870/800	1270/1200/1000/850/700
	Heating	rpm	1400/1300/1100/1000/900	1200/1120/970/830/750	1400/1260/1050/870/800	1270/1200/1000/850/750
	Sleep	rpm	/	/	/	/
Outdoor Unit Fan Type	-		Propeller fan	Propeller fan	Propeller fan	Propeller fan
Outdoor Unit Air Circulation		m³/h	1700	1700	2600	3000
Outdoor Fan Speed (Turbo/High/Medium/Low/Quiet)		rpm	930/930/830/730/630	1000/910/830/710/710	930/930/830/630/550	930/830/690/570/450
		rpm	930/930/830/730/630	970/970/970/710/710	910/910/830/630/450	890/830/690/590/450
Electrical Information						
Power Supply / Mains	Volt, Hz, Ph		220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Electrical Supply	-		From the outdoor unit	From the outdoor unit	From the outdoor unit	From the outdoor unit
Electrical Supply Cable	Qty. x Sec.		3x1,5 mm2	3x1,5 mm2	3x1,5 mm2	3x2,5 mm2
Automatic Fuse Current (Non-Delayed)	A		16	16	16	20
Operating Voltage Range	V		165~265	165~265	165~265	165~265
Operating Current	Cooling	A	4.1(1.2~8.0)	5.8(1.5~9.0)	6.9 (1.5~12.0)	9.6(1.8~12.6)
	Heating	A	3.6(1.2~9.0)	4.4 (1.5~10.0)	6.2(1.6~13.0)	9.5(1.8~13.4)
Power Consumption	Cooling	W	851(240~1380)	1130(290~1500)	1567(330~2350)	2166(390~2800)
	Heating	W	786 (240~1552)	1005(290~1720)	1376(340~2550)	2112(390~3000)
Intermediate Installation Information						
Intermediate Installation Cable	Qty. x Sec.		4x0.75mm2	4x0.75mm2	4x0.75mm2	4x0.75mm2
Coolant Tube	Gas	in - (mm)	3/8" - (Ø6.35)	3/8" - (Ø6.35)	3/8" - (Ø6.35)	1/2" - (Ø12.7)
	Liquid	in - (mm)	1/4" - (Ø9.52)	1/4" - (Ø9.52)	1/4" - (Ø9.52)	1/4" - (Ø9.52)
Max. Piping Length Between IDU and ODU	m		25	25	25	25
Max. Elevation Difference Between IDU and ODU	m		10	10	10	10
Gas Charge-Free Piping Length	m		5	5	5	5
Additional Refrigerant Amount	Gram/Meter		20 g/m	20 g/m	25 g/m	30 g/m
Refrigerant Type	-		R32	R32	R32	R32
Refrigerant Quantity	kg		0.49	0.52	0.96	1.14
Global Warming Potential	-		675	675	675	675
CO ₂ Emission Value	Tonnes		0.331	0.351	0.648	0.770
Other Information						
Usage Area	Minimum ~ Maximum	m²	9 ~ 16	14 ~ 22	20 ~ 35	27 ~ 45
Operating Temperature Range		°C	16 ~ 31	16 ~ 31	16 ~ 31	16 ~ 31
ODU Operation Temperature Range	Cooling	°C	-15 ~ 53	-15 ~ 53	-15 ~ 53	-15 ~ 53
	Heating	°C	-20 ~ 30	-20 ~ 30	-20 ~ 30	-20 ~ 30
IDU Operation Temperature Range	Cooling	°C	17 ~ 32	17 ~ 32	17 ~ 32	17 ~ 32
	Heating	°C	0 ~ 30	0 ~ 30	0 ~ 30	0 ~ 30
IDU Net Dimensions	W x H x D	mm	698x255x190	777x250x201	910x294x206	1010x315x220
IDU Net Weight		kg	6.5	7	9.5	12
ODU Net Dimensions	W x H x D	mm	712x459x276	712x459x276	853x602x349	920x699x380
ODU Net Weight		kg	19	20	30	38
IDU Packaged Dimensions	W x H x D	mm	764x325x257	840x315x260	979x372x277	1096x390x297
IDU Gross Weight		kg	8.2	9	11.5	14
ODU Packaged Dimensions	W x H x D	mm	765x481x310	765x481x310	890x628x385	950x732x420
ODU Gross Weight		kg	22	23	34	42

Measurement Conditions: Cooling indoor 27°C D/19°C W/T, Cooling outdoor 35°C D/24°C W/T, Heating indoor 20°C D/T, Heating outdoor 7°C W/T.
[D/T: Dry Bulb; W/T: Wet Bulb] [EER and COP values were calculated according to EN 1451]. SEER and SCOP values according to EN 14825 measurement standards].





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