HANTECH

PROFESSIONAL
AIR CONDITIONING & SYSTEM SOLUTIONS



Standard Features

SERIES	MODEL	ENERGY SAVING				SMART CONTROL						
		DC INVERTER 180° Sine-Wave DC inverter	DC motor	A++ Energy Class A++	Sleep Mode	WIFI Wi-Fi Control	Group control Group Control	Central control Central Control	BMS BMS*	On/Off Card	Motion-Sensing Smart System	Fresh Air Connection
Round-Flow Cassette	HNT-X24VMHR/I	√	√	√	√	√	√	√		√	√	√
	HNT-X48VMHR/I	√	√	√	√	√	√	√		√	√	√
4-Way Cassette	HNT-C48ATHR/I	√			√	√	√	√	√	√		√
Floor/Ceiling	HNT-Y24VMHR/I	√			√	√	√	√	√	√		
	HNT-Y48VMHR/I	√			√	√	√	√	√	√		√
	HNT-Y48ATHR/I	√			√	√	√	√	√	√		√
Low-Pressure Ducted	HNT-D24VMHR/I	√	√		√	√	√	√	√	√		
High-Pressure Ducted	HNT-D48ATHR/I	√			√	√	√	√	√	√		
	HNT-D60ATHR/I	√			√	√	√	√	√	√		
	HNT-D48VMHR/I	√			√	√	√	√	√	√		
	HNT-D60VTHR/I	√			√	√	√	√	√	√		
Floor-Standing	HNT-S48VMHR/I	√	√	√	√	√	√	√	√	√		
	HNT-S48ATCL/I	√			√	√	√	√	√	√		
	HNT-S24VMYCL/I	√	√	√	√	√	√	√	√	√		

SERIES	MODEL	USER FRIENDLY								
		Super match	Weekly Programming	24-Hour Timer	Auto Restart	Intelligent Defrost	Child Lock	Digital Display	4 Fan Speeds	E.S.P. Adjustment
Round-Flow Cassette	HNT-X24VMHR/I	√	√	√	√	√	√	√	√	
	HNT-X48VMHR/I	√	√	√	√	√	√	√	√	
4-Way Cassette	HNT-C48ATHR/I	√	√	√	√	√	√		√	
Floor/Ceiling	HNT-Y24VMHR/I	√	√	√	√	√	√			
	HNT-Y48VMHR/I	√	√	√	√	√	√			
	HNT-Y48ATHR/I	√	√	√	√	√	√			
Low-Pressure Ducted	HNT-D24VMHR/I	√	√	√	√	√	√			√
High-Pressure Ducted	HNT-D48ATHR/I	√	√	√	√	√	√			
	HNT-D60ATHR/I	√	√	√	√	√	√			
	HNT-D48VMHR/I	√	√	√	√	√	√			
	HNT-D60VTHR/I	√	√	√	√	√	√			
Floor-Standing	HNT-S48VMHR/I	√	√	√	√	√	√	√		
	HNT-S48ATCL/I		√	√	√	√	√	√		
	HNT-S24VMYCL/I	√	√	√	√	√	√	√		

	HEALTH	COMFORT												
	Premium Filter	Super Quiet	Quiet Operation	Outdoor Unit Low Noise	Left & Right Airflow	Long-Range Air Discharge	360° Air Discharge	4-Way Air Discharge	3D Auto Airflow	Wide-Angle Airflow	4-Way Independent Airflow	Auto Mode	Air Swing	Dehumidification
	√	√	√	√			√	√		√	√	√	√	√
	√	√	√	√			√	√		√	√	√	√	√
	√		√					√				√	√	√
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	√		√		√	√			√			√	√	√

	USER FRIENDLY							RELIABILITY					
	Dual-Side Drainage	Drain Pump	External Air Connection	Quick Installation	Compact Design	4-Way Pipe Outlet	Wide Frequency Range	Heating at -15°C	Heating at -20°C	Cooling at -10°C	Cooling at -15°C	Automatic Fault Diagnosis	3-Minute Delay
		√	√	√	√	√	√		√		√	√	√
		√	√	√	√	√	√		√		√	√	√
		√	√				√	√		√		√	√
							√	√		√		√	√
							√	√				√	√
	√	√			√		√	√		√		√	√
							√	√		√		√	√
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							√	√				√	√
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								√				√	√
								√		√		√	√

√ : Standard √ : Optional

Round-Flow Inverter Cassette Air Conditioner





YR-HBS01



YR-E17
(Optional)

MODEL	Indoor Unit				HNT-X24VMHR/I	HNT-X48VMHR/I
	Outdoor Unit				HNT-O24VMHR/O	HNT-O48VMHR/O
Capacity & Energy Efficiency	Capacity		Cooling	kW	7.1 (2~7.3)	12.4(6.0-14.1)
				BTU/h	22.200 (6.824~24.908)	"42.300 (20.472~48.105)"
			Heating	kW	7.5 (2.5~8)	13.1(6.0-16.0)
				BTU/h	25.600 (8.530~27.300)	44.700 (20.472~54.592)
	Efficiency		EER/COP	W/W	3.23/3.72	3.21/3.5
	Cooling Pdesign (35°C)			kW	7,1	12,1
	Heating Pdesign (-10°C)			kW	5,2	9
	Seasonal Efficiency			SEER/SCOP	6.1/3.8	5.1/3.4
	Energy Class (Cooling/Heating)				A++/A	A/A
	Outdoor Operating Temperature Range		Cooling	°C	-10~46	-25~46
			Heating	°C	-15~24	-15~24
Electrical Data	Power Supply Connection				AT OUTDOOR UNIT	AT OUTDOOR UNIT
	Voltage / Frequency / Phases			V, Hz, Ph	1/220~230/50/60	1/220~230/50/60
	Outdoor Supply Cable: Cores x Area			Cores x mm2	3x4	3x4
	Interconnect Cable: Cores x Area			Cores x mm2	4x1,5	4x1,5
	Operating Current		Cooling	A	9,4 (2,3~ 12)	18,5 (2,7~26)
			Heating	A	9,0 (2,3~ 12)	19,2 (2,7~26)
	Circuit Breaker Rating (Instantaneous)			A	1x16	1x35
	Power Consumption		Cooling	kW/h	2,20 (0,5~2,6)	3,86 (2,0~6,0)
			Heating	kW/h	2,01 (0,5~2,6)	3,74 (2,0~6,0)
Indoor Unit	Indoor Unit Model				HNT-X24VMHR/I	HNT-X48VMHR/I
	Voltage / Frequency / Phases			V, Hz, Ph	1/220~230/50/60	1/220~230/50/60
	Indoor Sound Pressure Level		H/M/L/Quiet	dB(A)	36/33/29/26	47/44/38/34
	Indoor Sound Power Level		H	dB(A)	52	64
	Indoor Airflow Rate		Cooling	m3/h	1260/1070/820/680	1950/1600/1440/1200
			Heating	m3/h	1260/1070/820/680	1950/1600/1440/1200
	External Static Pressure			Pascal	----	----
	Net Dimensions		(W x H x D)	mm	840*840*204	840*840*288
	Weight		Net	kg	27	32
	Packed Dimensions		(W x H x D)	mm	990*990*310	990*990*380
	Weight		Gross	kg	32	38
	Remote Controller Model				YR-HBS01	YR-HBS01
	Wired Controller				OPTIONAL	OPTIONAL
	Panel	Code			PB-950KB	PB-950KB
		Net Dimensions (W x H x D)		mm	950*950*50	950*950*50
		Packed Dimensions (W x H x D)		mm	1000*1000*110	1000*1000*110
		Net / Gross Weight		kg	6.5/9	6.5/9
Outdoor Unit	Model Code				HNT-O24VMHR/O	HNT-O48VMHR/O
	Voltage / Frequency / Phases			V, Hz, Ph	220~230/50-60/1	220~230/50-60/1
	Sound Pressure Level		H	dB(A)	53	59
	Sound Power Level		H	dB(A)	70	73
	Net Dimensions		(W x H x D)	mm	860/730/308	1008/830/410
	Weight		Net	kg	49	82
	Packed Dimensions		(W x H x D)	mm	995/815/420	1142/1000/498
	Weight		Gross	kg	52	93
REFRIGERANT & PIPEWORK DATA	Refrigerant Type				R410A	R410A
	Copper Pipe Diameter		Gas	inch (mm dia.)	5/8"- 15,88	3/4"- 19,05
			Liquid	inch (mm dia.)	3/8"- 9,52	3/8"- 9,52
	Maximum Pipe Length Between Units			m	30	50
	Maximum Height Difference Between Units			m	20	30
	Factory Refrigerant Charge (Outdoor Unit)			kg	1,6	2,85
	Pipe Length Without Additional Charge			m	7	20
	Additional Refrigerant Charge			gr	45	45
	Global Warming Potential			GWP	2088	2088

4-Way Cassette Air Conditioner (ON-OFF)





YR-HD



					(ON-OFF)
MODEL	Indoor Unit				HNT-C48ATHR/I
	Outdoor Unit				HNT-O48ATHR/O
Capacity & Energy Efficiency	Capacity		Cooling	kW	13
				BTU/h	44.350
			Heating	kW	14,1
				BTU/h	48.100
	Efficiency		EER/COP	W/W	2.81/2.91
	Energy Class (Cooling/Heating)				C/D
	Outdoor Operating Temperature Range		Cooling	°C	10~46
			Heating	°C	-7~24
Electrical Data	Power Supply Connection				AT OUTDOOR UNIT
	Voltage / Frequency / Phases			V, Hz, Ph	380-415 V, 50 Hz, 3
	Outdoor Supply Cable: Cores x Area			Cores x mm2	5x4
	Interconnect Cable: Cores x Area			Cores x mm2	4x1,5
	Operating Current		Cooling	A	8,0
			Heating	A	8,1
	Circuit Breaker Rating (Instantaneous)			A	3x16
	Power Consumption		Cooling	W/h	4,62
			Heating	W/h	4,85
Indoor Unit	Indoor Unit Model				HNT-C48ATHR/I
	Voltage / Frequency / Phases			V, Hz, Ph	220~230-50/60-1
	Indoor Sound Pressure Level		H/M/L/Quiet	dB(A)	49/47/44
	Indoor Sound Power Level		H	dB(A)	----
	Indoor Airflow Rate		Cooling	m3/h	1650/1400/1300
			Heating	m3/h	1650/1400/1300
	External Static Pressure			Pascal	----
	Net Dimensions		(W x H x D)	mm	840/840/290
	Weight		Net	kg	31
	Packed Dimensions		(W x H x D)	mm	930/930/390
	Weight		Gross	kg	37
	Remote Controller Model				YR-HD
	Wired Controller				OPTIONAL
	Panel	Code			PB-950JB
		Net Dimensions (W x H x D)		mm	950/950/60
		Packed Dimensions (W x H x D)		mm	985/985/115
		Net / Gross Weight		kg	6/7.5
Outdoor Unit	Model Code				HNT-O48ATHR/O
	Voltage / Frequency / Phases			V, Hz, Ph	380~400/50/3
	Sound Pressure Level		H	dB(A)	60
	Sound Power Level		H	dB(A)	66
	Net Dimensions		(W x H x D)	mm	1008/830/410
	Weight		Net	kg	90
	Packed Dimensions		(W x H x D)	mm	1130/930/490
	Weight		Gross	kg	105
REFRIGERANT & PIPEWORK DATA	Refrigerant Type				R410A
	Copper Pipe Diameter		Gas	inch (mm dia.)	3/4" 19,05
			Liquid	inch (mm dia.)	3/8" - 9,52
	Maximum Pipe Length Between Units			m	50
	Maximum Height Difference Between Units			m	30
	Factory Refrigerant Charge (Outdoor Unit)			kg	2,85
	Pipe Length Without Additional Charge			m	5
	Additional Refrigerant Charge			gr	45
	Global Warming Potential			GWP	2088

Floor/Ceiling Indoor Unit





YR-HD



MODEL	Indoor Unit				INVERTER HNT-Y24VMHR/I	INVERTER HNT-Y48VMHR/I	(ON-OFF) HNT-Y48ATHR/I
	Outdoor Unit				HNT-O24VMHR/O	HNT-O48VMHR/O	HNT-O48ATHR/O
Capacity & Energy Efficiency	Capacity		Cooling	kW	6.5 (2~7.3)	12.5(6.0~14.5)	14,1
				BTU/h	22.200 (6.824~24.908)	42.650 (20.472~49.474)	48.100
			Heating	kW	7.1 (2.5~8.0)	14.1(6.0~16.5)	15,2
				BTU/h	24.300 (8.530~27.296)	48.100 (20.472~56.298)	51.850
	Efficiency		EER/COP	W/W	3.01/3.41	3.21/3.44	3.02/3.23
	Cooling Pdesign (35°C)			kW	6,5	12,5	----
	Heating Pdesign (-10°C)			kW	5	9	----
	Seasonal Efficiency			SEER/SCOP	5.1/3.8	5.6/3.4	----
	Energy Class (Cooling/Heating)				A/A	A+/A	C/C
	Outdoor Operating Temperature Range		Cooling	°C	-10~46	-25~46	10~46
			Heating	°C	-15~24	-15~24	-7~24
Electrical Data	Power Supply Connection				AT OUTDOOR UNIT	AT OUTDOOR UNIT	AT OUTDOOR UNIT
	Voltage / Frequency / Phases			V, Hz, Ph	1/220~230/50/60	1/220~230/50/60	380~415 V, 50 Hz, 6
	Outdoor Supply Cable: Cores x Area			Cores x mm2	3x4	3x4	5x4
	Interconnect Cable: Cores x Area			Cores x mm2	4x1,5	4x1,5	4x1,5
	Operating Current		Cooling	A	9,4 (2,3~ 12)	18,5 (2,7~26)	7,8
			Heating	A	9,0 (2,3~ 12)	19,2 (2,7~26)	8,0
	Circuit Breaker Rating (Instantaneous)			A	1x16	1x35	3x16
	Power Consumption		Cooling	W/h	2,16 (0,5~2,6)	3,89 (2,0~6,0)	4,67
			Heating	W/h	2,08 (0,5~2,6)	4,10 (2,0~6,0)	4,71
Indoor Unit	Indoor Unit Model				HNT-Y24VMHR/I	HNT-Y48VMHR/I	HNT-Y48ATHR/I
	Voltage / Frequency / Phases			V, Hz, Ph	1/220~230/50/60	1/220~230/50/60	220~230-50/60-1
	Indoor Sound Pressure Level		H/M/L/Quiet	dB(A)	44/42/39	49/47/45	53/51/49
	Indoor Sound Power Level		H	dB(A)	62	66	----
	Indoor Airflow Rate		Cooling	m3/h	800/720/650	2000/1800/1400	2000/1800/1400
			Heating	m3/h	800/720/650	2000/1800/1400	2000/1800/1400
	External Static Pressure			Pascal	----	----	----
	Net Dimensions		(W x H x D)	mm	990/655/199	1580/700/240	1580/700/240
	Weight		Net	kg	28.3	54	54
	Packed Dimensions		(W x H x D)	mm	1150/750/300	1710/790/315	1710/790/315
	Weight		Gross	kg	34.3	61	61
	Remote Controller Model				YR-HD	YR-HD	YR-HD
	Wired Controller				OPTIONAL	OPTIONAL	OPTIONAL
Outdoor Unit	Model Code				HNT-O24VMHR/O	HNT-O48VMHR/O	HNT-O48ATHR/O
	Voltage / Frequency / Phases			V, Hz, Ph	220~230/50-60/1	220~230/50-60/1	380~400/50/3
	Sound Pressure Level		H	dB(A)	53	59	60
	Sound Power Level		H	dB(A)	70	73	66
	Net Dimensions		(W x H x D)	mm	860/730/308	1008/830/410	1008/830/447
	Weight		Net	kg	49	82	95
	Packed Dimensions		(W x H x D)	mm	995/815/420	1142/1000/498	1130/930/490
	Weight		Gross	kg	52	93	105
REFRIGERANT & PIPEWORK DATA	Refrigerant Type				R410A	R410A	R410A
	Copper Pipe Diameter		Gas	inch (mm dia.)	5/8"- 15,88	3/4"- 19,05	3/4" 19,05
			Liquid	inch (mm dia.)	3/8"- 9,52	3/8"- 9,52	3/8" - 9,52
	Maximum Pipe Length Between Units			m	30	50	50
	Maximum Height Difference Between Units			m	20	30	30
	Factory Refrigerant Charge (Outdoor Unit)			kg	1,6	2,85	2,6
	Pipe Length Without Additional Charge			m	7	20	5
	Additional Refrigerant Charge			gr	45	45	45
	Global Warming Potential			GWP	2088	2088	2088

Low Static Pressure Ducted Air Conditioner





YR-E17



					INVERTER
MODEL	Indoor Unit				HNT-D24VMHR/I
	Outdoor Unit				HNT-O24VMHR/O
Capacity & Energy Efficiency	Capacity		Cooling	kW	7.1 (2~7.6)
				BTU/h	24.200 (6.824~25.930)
			Heating	kW	7.1 (3~8.3)
				BTU/h	24.200 (10.236~28.320)
	Efficiency		EER/COP	W/W	3.24/3.72
	Cooling Pdesign (35°C)			kW	7,1
	Heating Pdesign (-10°C)			kW	6,5
	Seasonal Efficiency			SEER/SCOP	5.6/4
	Energy Class (Cooling/Heating)				A+/A+
	Outdoor Operating Temperature Range		Cooling	°C	-10~46
			Heating	°C	-15~24
Electrical Data	Power Supply Connection				AT OUTDOOR UNIT
	Voltage / Frequency / Phases			V, Hz, Ph	1/220~230/50/60
	Outdoor Supply Cable: Cores x Area			Cores x mm2	3x4
	Interconnect Cable: Cores x Area			Cores x mm2	4x1,5
	Operating Current		Cooling	A	9,4 (2,3~ 12)
			Heating	A	9,0 (2,3~ 12)
	Circuit Breaker Rating (Instantaneous)			A	1x16
	Power Consumption		Cooling	kW/h	2,19 (0,5~2,6)
			Heating	kW/h	1,91 (0,5~2,6)
Indoor Unit	Indoor Unit Model				HNT-D24VMHR/I
	Voltage / Frequency / Phases			V, Hz, Ph	1/220~230/50/60
	Indoor Sound Pressure Level		H/M/L/Quiet	dB(A)	38/35/33
	Indoor Sound Power Level		H	dB(A)	57
	Indoor Airflow Rate		Cooling	m3/h	1000/850/750
			Heating	m3/h	1000/850/750
	External Static Pressure			Pascal	0/10/20/30
	Net Dimensions		(W x H x D)	mm	1170/185/420
	Weight		Net	kg	24
	Packed Dimensions		(W x H x D)	mm	1365/270/540
	Weight		Gross	kg	30
	Remote Controller Model				OPTIONAL
	Wired Controller				YR-E17
	Panel	Code			P1B-1210IA/D
		Net Dimensions (W x H x D)		mm	"1210/190/100 (outlet panel)/1210/290.5/32.4 (inlet panel)"
		Packed Dimensions (W x H x D)		mm	1258/335/220
		Net / Gross Weight		kg	5/6
Outdoor Unit	Model Code				HNT-O24VMHR/O
	Voltage / Frequency / Phases			V, Hz, Ph	220~230/50-60/1
	Sound Pressure Level		H	dB(A)	53
	Sound Power Level		H	dB(A)	70
	Net Dimensions		(W x H x D)	mm	860/730/308
	Weight		Net	kg	49
	Packed Dimensions		(W x H x D)	mm	995/815/420
	Weight		Gross	kg	52
REFRIGERANT & PIPEWORK DATA	Refrigerant Type				R410A
	Copper Pipe Diameter		Gas	inch (mm dia.)	5/8"- 15,88
			Liquid	inch (mm dia.)	3/8"- 9,52
	Maximum Pipe Length Between Units			m	30
	Maximum Height Difference Between Units			m	20
	Factory Refrigerant Charge (Outdoor Unit)			kg	1,6
	Pipe Length Without Additional Charge			m	7
	Additional Refrigerant Charge			gr	45
	Global Warming Potential			GWP	2088

High Static Pressure Ducted Air Conditioner





YR-E17





*HNT-O60ATHR/O and HNT-O60VTHR/O have twin fans.

MODEL	Indoor Unit				HNT-D48VMHR/I	HNT-D60VTHR/I	HNT-D48ATHR/I	HNT-D60ATHR/I
	Outdoor Unit				HNT-O48VMHR/O	HNT-O60VTHR/O	HNT-O48ATHR/O	HNT-O60ATHR/O
Capacity & Energy Efficiency	Capacity	Cooling		kW	12.5(6.0-14.5)	15.5(4.0-16.0)	13,5	14,1
				BTU/h	42.650(20.472~49.474)	52.900(13.648~54.592)	46.000	48.100
		Heating		kW	14.1(6.0~16.5)	16.5(4.0~18.0)	15	15,5
				BTU/h	48.100(20.472~56.298)	56.300(13.648~61.416)	49.100	52.850
	Efficiency	EER/COP		W/W	2.84/3.62	3.02/3.61	2.81/3.41	3.05/3.63
	Cooling Pdesign (35°C)			kW	12,5	15,5	----	----
	Heating Pdesign (-10°C)			kW	9	14	----	----
	Seasonal Efficiency			SEER/SCOP	5.1/3.4	5.1/3.4	----	----
	Energy Class (Cooling/Heating)				A/A	A/A	C/B	B/A
	Outdoor Operating Temperature Range	Cooling		°C	-25~46	-25~46	10~46	10~46
		Heating		°C	-15~24	-15~24	-7~24	-7~24
Electrical Data	Power Supply Connection				AT OUTDOOR UNIT	AT OUTDOOR UNIT	AT OUTDOOR UNIT	AT OUTDOOR UNIT
	Voltage / Frequency / Phases			V, Hz, Ph	1/220~230/50/60	3/380-415 V, 50	3/380-415 V, 50	380-415 V, 50 Hz, 8
	Outdoor Supply Cable: Cores x Area			Cores x mm2	3x4	5x4	5x4	5x4
	Interconnect Cable: Cores x Area			Cores x mm2	4x1,5	4x1,5	4x1,5	4x2,5
	Operating Current	Cooling		A	19 (2,7~26)	8,5 (2,9~10,5)	7,7	8,8
		Heating		A	19,5 (2,7~26)	7,5 (2,9~10,5)	7,4	8,5
	Circuit Breaker Rating (Instantaneous)			A	1x35	3x16	3x16	3x16
	Power Consumption	Cooling		kW/h	5,13(2,0~6,5)	5,13 (2,0~6,5)	4,8	4,62
		Heating		kW/h	4,57 (2,0~6,5)	4,57 (2,0~6,5)	4,40	4,27
Indoor Unit	Indoor Unit Model				HNT-D48VMHR/I	HNT-X60VTHR/I	HNT-D48ATHR/I	HNT-D60ATHR/I
	Voltage / Frequency / Phases			V, Hz, Ph	1/220~230/50/60	1/220~230/50/60	220~230-50/60-1	220~230-50/60-1
	Indoor Sound Pressure Level	H/M/L/Quiet		dB(A)	45/41/37	45/41/37	50/46/42	50/46/42
	Indoor Sound Power Level	H		dB(A)	65	65	----	----
	Indoor Airflow Rate	Cooling		m3/h	2580/2070/1560	2580/2070/1560	2580/2070/1560	2580/2070/1560
		Heating		m3/h	2580/2070/1560	2580/2070/1560	2580/2070/1560	2580/2070/1560
	External Static Pressure			Pascal	50~150	50~150	50~150	50~150
	Net Dimensions	(W x H x D)		mm	1197/360/830	1197/360/830	1197/360/830	1197/360/830
	Weight	Net		kg	68	68	57	57
	Packed Dimensions	(W x H x D)		mm	1380/410/940	1380/410/940	1380/410/940	1380/410/940
	Weight	Gross		kg	75	75	70	70
	Remote Controller Model				OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
	Wired Controller				YR-E17	YR-E17	YR-E17	YR-E17
Outdoor Unit	Model Code				HNT-O48VMHR/O	HNT-O60VTHR/O	HNT-O48ATHR/O	HNT-O60ATHR/O
	Voltage / Frequency / Phases			V, Hz, Ph	220~230/50-60/1	3/380-415 V, 50	3/380~400/50	3/380~400/50
	Sound Pressure Level	H		dB(A)	59	61	59	59
	Sound Power Level	H		dB(A)	73	74	73	74
	Net Dimensions	(W x H x D)		mm	1008/830/410	960/1250/340	1008/830/447	960/1250/340
	Weight	Net		kg	82	96	95	108
	Packed Dimensions	(W x H x D)		mm	1142/1000/498	1095/1400/410	1130/930/490	1095/1400/410
	Weight	Gross		kg	93	106	105	118
Refrigerant & Connecting Pipework Data	Refrigerant Type				R410A	R410A	R410A	R410A
	Copper Pipe Diameter	Gas		inch (mm dia.)	3/4"- 19,05	3/4"- 19,05	3/4" 19,05	3/4" 19,05
		Liquid		inch (mm dia.)	3/8"- 9,52	3/8"- 9,52	3/8" - 9,52	3/8" - 9,52
	Maximum Pipe Length Between Units			m	50	50	50	50
	Maximum Height Difference Between Units			m	30	30	30	30
	Factory Refrigerant Charge (Outdoor Unit)			kg	2,85	3.3	2,6	3,3
	Pipe Length Without Additional Charge			m	20	20	5	5
	Additional Refrigerant Charge			gr	45	45	45	45
	Global Warming Potential			GWP	2088	2088	2088	2088

Floor-Standing Air Conditioner (INVERTER)







YR-HD

MODEL	Indoor Unit			HNT-S48VMHR/I
	Outdoor Unit			HNT-O48VMHR/O
Capacity & Energy Efficiency	Capacity	Cooling	kW	12.5(6.0~14.5)
			BTU/h	42.650 (20.472〜49.474)
		Heating	kW	13.0(6.0~16.5)
			BTU/h	44.350 (20.472〜56.298))
	Efficiency	EER/COP	W/W	3.21/3.21
	Cooling Pdesign (35°C)		kW	12,5
	Heating Pdesign (-10°C)		kW	9
	Seasonal Efficiency		SEER/SCOP	5.1/3.4
	Energy Class (Cooling/Heating)			A/A
	Outdoor Operating Temperature Range	Cooling	°C	-25〜46
		Heating	°C	-15〜24
Electrical Data	Power Supply Connection			AT OUTDOOR UNIT
	Voltage / Frequency / Phases		V, Hz, Ph	220〜230/50-60/1
	Outdoor Supply Cable: Cores x Area		Cores x mm2	3x4
	Interconnect Cable: Cores x Area		Cores x mm2	4x2,5
	Operating Current	Cooling	A	18,5 (2,7〜26)
		Heating	A	19,2 (2,7〜26)
	Circuit Breaker Rating (Instantaneous)		A	1x35
	Power Consumption	Cooling	kW/h	3,90 (2,0〜6,0)
		Heating	kW/h	4,05 (2,0〜6,0)
Indoor Unit	Indoor Unit Model			HNT-S48VMHR/I
	Voltage / Frequency / Phases		V, Hz, Ph	1/220〜230/50/60
	Indoor Sound Pressure Level	H/M/L/Quiet	dB(A)	54/51/48
	Indoor Sound Power Level	H	dB(A)	69
	Indoor Airflow Rate	Cooling	m3/h	1750/1500/1350
		Heating	m3/h	1750/1500/1350
	External Static Pressure		Pascal	----
	Net Dimensions	(W x H x D)	mm	600/1850/350
	Weight	Net	kg	57
	Packed Dimensions	(W x H x D)	mm	691/1986/415
	Weight	Gross	kg	65
	Remote Controller Model			YR-HD
	Wired Controller			YES
Outdoor Unit	Model Code			HNT-O48VMHR/O
	Voltage / Frequency / Phases		V, Hz, Ph	220〜230/50-60/1
	Sound Pressure Level	H	dB(A)	59
	Sound Power Level	H	dB(A)	73
	Net Dimensions	(W x H x D)	mm	1008/830/410
	Weight	Net	kg	82
	Packed Dimensions	(W x H x D)	mm	1142/1000/498
	Weight	Gross	kg	93
REFRIGERANT & PIPEWORK DATA	Refrigerant Type			R410A
	Copper Pipe Diameter	Gas	inch (mm dia.)	3/4"- 19,05
		Liquid	inch (mm dia.)	3/8"- 9,52
	Maximum Pipe Length Between Units		m	50
	Maximum Height Difference Between Units		m	30
	Factory Refrigerant Charge (Outdoor Unit)		kg	2,85
	Pipe Length Without Additional Charge		m	20
	Additional Refrigerant Charge		gr	45
	Global Warming Potential		GWP	2088

Eisberg Inverter Floor-Standing Air Conditioner







MODEL	Indoor Unit			HNT-S24VMYCL/I
	Outdoor Unit			HNT-S24VMYCL/O
Capacity & Energy Efficiency	Capacity	Cooling	kW	6,95 (0,89-8,5)
			BTU/h	23.700 (3.030-29.000)
		Heating	kW	7,31 (0,89-8,8)
			BTU/h	24.940 (3.030-33.437)
	Cooling Pdesign (35°C)	Cooling	kW	6.95
	Heating Pdesign (-10°C)	Heating	kW	5.8
	SEER / SCOP			6.1/4,0
	Energy Class (Cooling/Heating)			A++/A+
	Outdoor Operating Temperature Range	Cooling	°C	-15〜52
		Heating	°C	-20〜24
Electrical Data	Power Supply Connection			AT INDOOR UNIT
	Voltage / Frequency / Phases		V, Hz, Ph	220〜230/50-60/1
	Outdoor Supply Cable: Cores x Area		Cores x mm2	3x4
	Interconnect Cable: Cores x Area		Cores x mm2	4x2,5
	Operating Current	Cooling	A	10,8 (1,2〜14,6)
		Heating	A	11,3 (1,2〜16,1)
	Circuit Breaker Rating (Instantaneous)		A	1x25
	Power Consumption	Cooling	kW/h	2,35 (0,26〜3,2)
		Heating	kW/h	2,52 (0,26〜3,63)
Indoor Unit	Indoor Unit Model			HNT-S24VMYCL/I
	Voltage / Frequency / Phases		V, Hz, Ph	220〜230/50-60/1
	Indoor Sound Pressure Level	H	dB(A)	49
	Indoor Sound Power Level	H	dB(A)	57
	Indoor Airflow Rate	Cooling	m^3/h	1250
		Heating	m^3/h	1300
	Net Dimensions	(W x H x D)	mm	399/1811/399
	Weight	Net	kg	29
	Packed Dimensions	(W x H x D)	mm	490/1932/500
	Gross Weight	Gross	kg	38
	Remote Controller Model			YES
	Wired Controller			NO
Outdoor Unit	Model Code			HNT-S24VMYCL/O
	Voltage / Frequency / Phases		V, Hz, Ph	220〜230/50-60/1
	Sound Pressure Level	H	dB(A)	49
	Sound Power Level	H	dB(A)	61
	Net Dimensions	(W x H x D)	mm	920/699/380
	Weight	Net	kg	44
	Packed Dimensions	(W x H x D)	mm	960/732/400
	Gross Weight	Gross	kg	50
Refrigerant & Pipework Data	Refrigerant Type			R32
	Copper Pipe Diameter	Gas	inch (mm dia.)	1/2"- 12,57
		Liquid	inch (mm dia.)	1/4"- 6,35
	Maximum Pipe Length Between Units		m	15
	Maximum Height Difference Between Units		m	5
	Factory Refrigerant Charge (Outdoor Unit)		kg	1,25
	Pipe Length Without Additional Charge		m	5
	Additional Refrigerant Charge		kg	30
	Global Warming Potential		GWP	675

On/Off Floor-Standing Air Conditioner





				(ON-OFF)
MODEL	Indoor Unit			HNT-S48ATCL/I
	Outdoor Unit			HNT-S48ATCL/O
Capacity & Energy Efficiency	Capacity	Cooling	kW	14
			BTU/h	48.000
		Heating	kW	15
			BTU/h	51.000
	Efficiency		kW	2.91/3,16
	Energy Class (Cooling/Heating)		SEER/SCOP	C/D
	Outdoor Operating Temperature Range	Cooling	°C	10~46
		Heating	°C	-7~24
Electrical Data	Power Supply Connection			AT OUTDOOR UNIT
	Voltage / Frequency / Phases		V, Hz, Ph	380-418 V, 50, 3
	Outdoor Supply Cable: Cores x Area		Cores x mm2	5x4
	Interconnect Cable: Cores x Area		Cores x mm2	4x2,5
	Operating Current	Cooling	A	8,1
		Heating	A	8,2
	Circuit Breaker Rating (Instantaneous)		A	3x16
	Power Consumption	Cooling	kW/h	4,8
		Heating	kW/h	4,75
Indoor Unit	Indoor Unit Model			HNT-S48ATCL/I
	Voltage / Frequency / Phases		V, Hz, Ph	220~230-50/60-1
	Indoor Sound Pressure Level	H/M/L/Quiet	dB(A)	54/49/49
	Indoor Airflow Rate	Cooling	m3/h	1700/1600/1600
		Heating	m3/h	1700/1600/1600
	Net Dimensions (W x H x D)		mm	540/1776/415
	Net Weight		kg	52
	Packed Dimensions (W x H x D)		mm	632/1893/535
	Gross Weight		kg	62
	Remote Controller Model			YES
	Wired Controller			NO
Outdoor Unit	Model Code			HNT-S48ATLC/0
	Voltage / Frequency / Phases		V, Hz, Ph	380~400/50/3
	Airflow Rate		m^3/h	5900
	Sound Pressure Level	H	dB(A)	63
	Sound Power Level	H	dB(A)	71
	Net Dimensions	(W x H x D)	mm	950x1255x410
	Weight	Net	kg	103
	Packed Dimensions	(W x H x D)	mm	1030x1380x440
	Weight	Gross	kg	110
Refrigerant & Pipework Data	Refrigerant Type			R410A
	Copper Pipe Diameter	Gas	inch (mm dia.)	3/4" 19,05
		Liquid	inch (mm dia.)	1/2" - 12,77
	Maximum Pipe Length Between Units		m	15
	Maximum Height Difference Between Units		m	5
	Factory Refrigerant Charge (Outdoor Unit)		kg	3
	Pipe Length Without Additional Charge		m	5
	Additional Refrigerant Charge		gr	45
	Global Warming Potential		GWP	2088



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