



Efficiency and reliability, every day!

MULTIFUNCTIONAL HEAT PUMP R32

*House Heating and Cooling,
Residential Hot Water*



MONOBLOC



NOBEL HEAT PUMP R32 MULTIFUNCTIONAL HEAT PUMP

- Full DC frequency conversion technology, -20°C low temperature operation
- Smart 5 inch Control Panel with WIFI Mobile app
- High efficiency class A+++
- Environmental friendly



Glass A+++

Energy efficiency ratio SCOP reaches the highest energy efficiency rating in the current European market

Energy saving

Green and environment- friendly refrigerant, highly efficient and pollution-free

Powerful

Perfect humanized function design automatic

**BETTER
FREEZE-PROOFING**

**MOBILE
APP**

**HIGHLY
EFFICIENT**

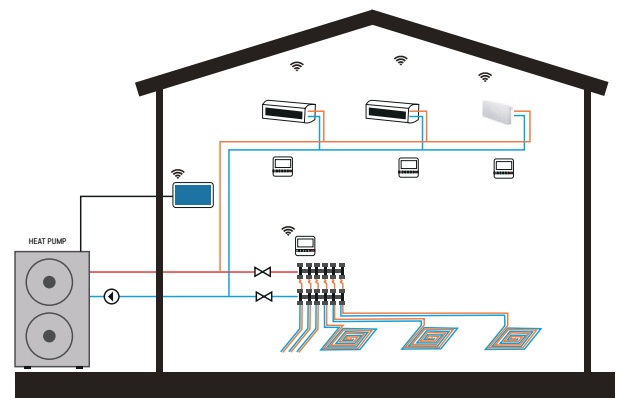
**LESS
HEAT LOST**

**LOW
NOISE**

**SMART
CONTROL PANEL**

WIFI remote control

Pre-cooling and preheating can be operated by APP. The intelligent control is also very convenient for after-sales maintenance. sterilization, weekly timing, etc.



HEATING

**FLOOR
HEATING**

HOT WATER

COOLING

**COOLING AND
HOT WATER**

**HEATING AND
HOT WATER**

MULTIFUNCTIONAL HEAT PUMP R32



Model: NBL-HPM-NT			AC006-V1	AC009-V1	AC012-V1	AC018-V1
Heating Capacity Range		kW	2.0-6.4	3.0-9.2	4.0-12.2	6.0-18.5
Heating (A7/6°C,W30/35°C)	Heating Capacity	kW	6.4	9.14	12.20	18.5
	Power Input	kW	1.34	2.04	2.73	4.00
	Current	A	5.83	8.87	11.87	17.39
	COP	W/W	4.78	4.49	4.47	4.63
Heating (A-12°C,W36/41°C)	Heating Capacity	kW	3.78	5.25	7.40	10.85
	Heating Capacity	kW	5.33	7.75	10.24	14.73
Heating (A7/6°C,W47/55°C)	Power Input	kW	1.71	2.83	3.45	4.7
	COP	W/W	3.12	2.74	2.97	3.13
	Heating Capacity	kW	2.88	4.12	5.51	8.36
Heating (A-20°C,W30/35°C)	Power Input	kW	1.29	2.01	2.71	3.85
	COP	W/W	2.23	2.04	2.03	2.17
	Cooling Capacity	kW	6.25	8.99	11.00	17.82
Cooling (A35/24°C,W23/18°C)	Power Input	kW	1.54	2.41	3.08	4.92
	Current	A	6.70	10.48	13.39	21.39
	EER	W/W	4.05	3.73	3.57	3.62
	Cooling Capacity	kW	5.16	6.86	9.44	14.95
	Power Input	kW	1.88	2.58	3.48	5.20
Cooling (A35/24°C,W12/7°C)	Current	A	8.45	11.44	15.42	22.60
	EER	W/W	2.74	2.66	2.72	2.88
	Rated water flow	m ³ /h	1.1	1.6 (1.5)	2.1(1.9)	3.1
Rated voltage /Frequency	V/Hz	230/50	230/50	230/50	230/50	
Maximum input power	kW	2.76 (2.53)	3.45	3.95	6.21	
Maximum input current	A	12 (11)	15.0	17.0	27.0	
Brand/Type of Compressor	/		Mitsubishi/Rotary			
Refrigerant	/		R32	R32	R32	R32
Fan Motor			full DC Fan motor			
Circulation pump			DC circulation pump			
Defrost	/		Auto defrost with 4 way			
Waterproof grade	/		IPX4	IPX4	IPX4	IPX4
Noise pressure (at 1M, nameplate 5m)	dB(A)		51 (35)	54 (39.5)	54(44)	56(41)
Max water outlet temperature	°C		60	60	60	60
Diameter of water connection	/		DN 25 (1")	DN 25 (1")	DN 25 (1")	DN 25 (1")
Fuse (PCB)	A		10	10	10	10
Lowest Operational point, outdoor	°C		-15°C	-15°C	-15°C	-15°C
Highest Operational point, outdoor	°C		45°C	45°C	45°C	45°C
Net Dimensions (L/W/H)	mm		1115/415/898	1115/415/898	1115/415/982	1115/415/1332
Package Dimensions (L/W/H)	mm		1155/500/1035	1155/500/1035	1155/500/1120	1155/500/1460
Net Weight	kg		80	82	125	175
Gross Weight	kg		100	102	145	195
Loading quantity 20GP/40GP,40HQ	pcs		44/96/96	44/96/96	44/96/96	22/48/48

Model: NBL-HPM-NT			AC012-V3	AC018-V3	AC024-V3
Heating Capacity Range		kW	4-12.2	6-18.5	7-23
Heating (A7/6°C,W30/35°C)	Heating Capacity	kW	12.2	18.50	23.00
	Power Input	kW	2.73	4.00	5.00
	Current	A	4.61	6.75	8.44
	COP	W/W	4.47	4.63	4.60
Cooling (A35/24°C,W23/18°C)	Cooling Capacity	kW	11.00	17.82	21.00
	Power Input	kW	3.08	4.92	5.66
	Current	A	5.20	8.31	9.56
	EER	W/W	3.57	3.62	3.71
Rated water flow	m ³ /h		2.1(1.9)	3.1	4.0
Maximum input power	kW		3.95	6.21	7.10
Maximum input current	A		7.0	11.0	12.0
Brand/Type of Compressor	/		Mitsubishi/Rotary		
Refrigerant	/		R32	R32	R32
Fan Motor			full DC Fan motor		
Circulation pump			DC circulation pump		
Defrost	/		Auto defrost with 4 way		
Noise pressure (at 1M, nameplate 5m)	dB(A)		54(44)	56(41)	58(44)
Max water outlet temperature	°C		60	60	60
Diameter of water connection	/		DN 25 (1")		DN 32 (1-1/4")
Fuse (PCB)	A		10	10	10
Lowest Operation Temperature	°C		-20°C	-20°C	-20°C
Net Dimensions (L/W/H)	mm		1115/415/98	1115/415/1332	1115/415/1332
Package Dimensions (L/W/H)	mm		1155/500/11	1155/500/1460	1155/500/1460
Net Weight	kg		125	175	180
Gross Weight	kg		145	195	200
Loading quantity 20GP/40GP,40HQ	pcs		44/96/96	22/48/48	22/48/48

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Residential Hot Water*

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