



*Efficiency and reliability, every day!*

## MULTIFUNCTIONAL HEAT PUMP R290

*House Heating and Cooling,  
Residential Hot Water*



**MONOBLOC**



## NOBEL HEAT PUMP R290 MULTIFUNCTIONAL HEAT PUMP



MOBILE APP



SMART TOUCH CONTROL PANEL



### 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



Radiator



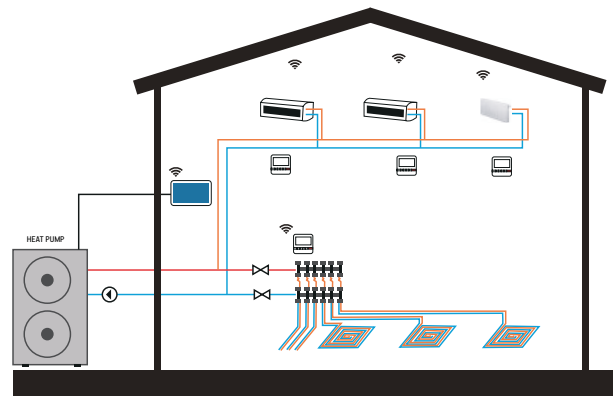
Fan Coil



Floor Heating

## 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 R290

Model: NBL-HPM-HT			AC006-V1	AC009-V1	AC009-V3	AC012-V1	AC012-V3	AC016-V1	AC016-V3
Heating Capacity Range		kW	2.0-7.0	3.0-10.0	3.0-10.0	4.0-13.0	4.0-13.0	5.0-17.0	5.0-17.0
Heating (A7/6°C, W30/35°C)	Heating Capacity	kW	6.40	9.15	9.15	12.20	12.20	16.00	16.00
	Power Input	kW	1.33	2.03	2.03	2.72	2.72	3.41	3.41
	Current	A	5.78	8.83	3.08	11.83	4.13	14.83	5.18
	COP	W/W	4.81	4.50	4.50	4.48	4.48	4.69	4.69
Heating (A7/6°C, W47/55°C)	Heating Capacity	kW	5.5	8.12	8.12	10.65	10.65	13.60	13.60
	Power Input	kW	1.70	2.66	2.66	3.51	3.51	4.41	4.41
	COP	W/W	3.23	3.05	3.05	3.03	3.03	3.08	3.08
Heating (A-25°C, W30/35°C)	Heating Capacity	kW	3.30	4.72	4.72	6.28	6.28	8.16	8.16
	Power Input	kW	1.70	2.65	2.65	3.56	3.56	4.34	4.34
	COP	W/W	1.94	1.78	1.78	1.76	1.76	1.88	1.88
Cooling (A35/24°C, W23/18°C)	Cooling Capacity	kW	6.25	8.85	8.85	10.80	10.80	14.85	14.85
	Power Input	kW	1.42	2.28	2.28	2.88	2.88	3.97	3.97
	Current	A	6.17	9.91	3.46	12.52	4.40	21.39	6.03
	EER	W/W	4.40	3.88	3.88	3.75	3.75	3.74	3.74
Cooling (A35/24°C, W12/7°C)	Cooling Capacity	kW	5.2	6.80	6.80	9.40	9.40	13.20	13.20
	Power Input	kW	1.38	2.28	2.28	3.16	3.16	4.22	4.22
	EER	W/W	3.76	2.98	2.98	2.97	2.97	3.13	3.13
Rated water flow		m3/h	1.10	1.57	1.57	2.10	2.10	2.75	2.75
Rated voltage / Frequency		V/Hz	230/50	230/50	380/50	230/50	380/50	230/50	380/50
Maximum input power		kW	2.76	3.15	3.15	3.75	3.75	6.21	6.21
Maximum input current		A	12.0	13.7	4.8	17.0	5.7	27.0	9.4
Power supply			220-240V~/50Hz	220-240V~/50Hz	380-415V/3N~/50Hz	220-240V~/50Hz	380-415V/3N~/50Hz	220-240V~/50Hz	380-415V/3N~/50Hz
Refrigerant		/	R290	R290	R290	R290	R290	R290	R290
Defrost		/	Auto defrost with 4 way valve						
Waterproof grade		/	IPX4						
Noise pressure ( at 1M, nameplate 5m)		dB(A)	51 (35)	54 (39.5)	54 (39.5)	54(44)	54(44)	56(41)	56(41)
Max water outlet temperature		°C	75	75	75	75	75	75	75
Diameter of water connection		/	DN 25 (1")	DN 25 (1")	DN 25 (1")	DN 25 (1")	DN 25 (1")	DN 25 (1")	DN 25 (1")
Fuse (PCB)		A	10	10	10	10	10	10	10
Lowest Operational point, outdoor air/ flow line (heating)		°C	-25	-25	-25	-25	-25	-25	-25
Highest Operational point, outdoor air/ flow line (heating)		°C	45°C	45°C	45°C	45°C	45°C	45°C	45°C
Net Dimensions ( L/W/H )		mm	1115/415/898	1115/415/898	1115/415/898	1115/415/982	1115/415/982	1115/415/1332	1115/415/1332
Package Dimensions ( L/W/H )		mm	1155/500/1035	1155/500/1035	1155/500/1035	1155/500/1120	1155/500/1120	1155/500/1460	1155/500/1460
Net Weight		kg	90	95	95	110	110	140	140
Gross Weight		kg	102	107	107	145	145	195	195
Loading quantity 20GP/40GP,40HQ		pcs	44/96/96	44/96/96	44/96/96	44/96/96	44/96/96	22/48/48	22/48/48

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**NOBEL INTERNATIONAL EAD**

SOLAR WATER HEATING SYSTEMS INDUSTRY

48 Vitosha Blvd., Elin Pelin 2100 - Sofia Region, Bulgaria  
Tel.: +359 2 4210232 email: info@nobel.bg

[www.nobel.bg](http://www.nobel.bg)

