



SUNTIDE SERIES

R32 Split System Inverter
EVI Multifunctional Heat Pump



Official Website

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Auxiliary Heat Source Control Function



Interlock with Solar Photovoltaic

The heat pump can receive signals about the power source and switch energy usage. When the electricity price is high, the heat pump runs as energy-saving as possible on the premise of ensuring the normal heating demand of the user. When electricity price is low, or even free (for example, from solar photovoltaic panels), the heat pump will use as much electric energy as possible. In this way, it will maximize energy efficiency and minimize running costs.



Seven Modes

To better meet the different heating needs, the heat pump provides a variety of modes for users to select: a. Cooling, b. Heating, c. Auto, d. Hot water, e. Cooling + Hot water, f. Heating + Hot water, g. Auto+ Hot water. Seven modes can cover almost all heat pump usage scenarios of users. Once installed, the heat pump can automatically operate according to the user's needs, saving them the trouble of regularly adjusting the heat pump mode.



Sterilization Function

By controlling the electric heater in the water tank, the temperature of the domestic hot water tank is heated to a higher temperature to kill the bacteria in it and protect the health of the user.



User-friendly Operation Interface

The heat pump adopts an intelligent color screen wire controller, which allows users to operate all functions conveniently without the guidance of a professional installation and maintenance team. In addition, the wired controllers support interface customization to meet various needs.



Wi-Fi Control

As modern heating equipment, Wi-Fi control is essential for operation management. With a built-in Wi-Fi module, the heat pump simplifies the installation process as users do not need to purchase and install the Wi-Fi module separately. Furthermore, it greatly meets the needs of users for remote control.





Model: NE-F	60HCR4INEMIO	90HCR4INEMIO	130HCR4INEMIO	160HCR4INEMIO
[Space Heating] Ambient Temp. (DB/WB): 7°C/6°C, Water Temp. (Inlet/Outlet): 30°C/35°C.				
Heating Capacity (kW)	1.68~5.88	2.25~8.39	3.42~12.38	4.67~15.57
Power Input (kW)	0.27~1.27	0.37~1.82	0.56~2.75	0.79~3.56
COP	6.22~4.63	6.08~4.61	6.11~4.50	5.91~4.37
[Space Heating] Ambient Temp. (DB/WB): 7°C/6°C, Water Temp. (Inlet/Outlet): 50°C/55°C.				
Heating Capacity (kW)	1.09~5.13	1.76~7.60	2.31~10.53	2.74~13.70
Power Input (kW)	0.25~1.97	0.42~2.96	0.56~4.18	0.62~5.18
COP	4.36~2.60	4.19~2.57	4.13~2.52	4.42~2.64
[Space Cooling] Ambient Temp. (DB/WB): 35°C / -, Water Temp. (Inlet/Outlet): 12°C/7°C.				
Cooling Capacity (kW)	0.94~4.71	1.39~6.95	2.00~10.02	2.55~12.77
Power Input (kW)	0.20~1.71	0.31~2.59	0.45~3.77	0.57~4.87
EER	4.70~2.75	4.48~2.68	4.44~2.66	4.47~2.62
[Hot Water] Ambient Temp. (DB/WB): 20°C/15°C, Water Temp. from 15°C to 55°C.				
Heating Capacity (kW)	7.1	10	12.47	17.12
Power Input (kW)	1.68	2.35	2.92	3.83
COP	4.23	4.26	4.27	4.47
Indoor Unit Info				
Electric Heater (kW)	3			
Expansion Tank (L)	8			
Water Pipe Connection (inch)	G1"			
Refrigerant outlet (mm)	Φ15.88			
Refrigerant inlet (mm)	Φ6.35		Φ9.52	
Rated Water Flow (m ³ /h)	1.03	1.55	2.24	2.75
Circulating Pump	Built-In			
Sound Pressure Level dB (A) at 1m	28	32	32	34
Net Dimensions (mm)	450×285×786			
Water Proof Class	IPX1			
Outdoor Unit Info				
Compressor Brand	Panasonic			Mitsubishi
Sound Pressure Level dB (A) at 1m	43~53	43~54	43~55	44~55
Net Dimensions (L×W×H) (mm)	960×425×710	1030×460×935		1053×422×1360
Water Proof Class	IPX4			
General Info				
Power Supply	220~240V~/50Hz			
ErP Level (35°C)	A+++			
ErP Level (55°C)	A++			
Max. Power Input (kW)	5.1 (2.1+3)	6.1 (3.1+3)	7.5 (4.5+3)	8.8 (5.8+3)
Max. Running Current (A)	23.2 (9.5+13.7)	27.8 (14.1+13.7)	34.1 (20.4+13.7)	40 (26.4+13.7)
Refrigerant	R32			
Operation Range (°C)	-25~43			
Max. Outlet Water Temp (°C)	60			
Electricity Shock Proof	I			

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Model: NE-F	90HCR4TINEMIO	130HCR4TINEMIO	160HCR4TINEMIO	185HCR4TINEMIO	200HCR4TINEMIO	230HCR4TINEMIO	260HCR4TINEMIO	300HCR4TINEMIO	320HCR4TINEMIO
[Space Heating] Ambient Temp. (DB/WB): 7°C/6°C, Water Temp. (Inlet/Outlet): 30°C/35°C.									
Heating Capacity (kW)	2.25~8.39	3.42~12.38	4.67~15.57	5.97~17.78	6.17~19.83	8.18~22.49	8.28~25.30	11.19~28.93	12.47~30.79
Power Input (kW)	0.37~1.82	0.56~2.75	0.79~3.56	1.00~4.02	1.05~4.47	1.37~5.27	1.42~6.07	1.84~6.74	2.11~7.35
COP	6.08~4.61	6.11~4.50	5.91~4.37	5.97~4.42	5.88~4.44	5.97~4.27	5.83~4.17	6.08~4.29	5.91~4.19
[Space Heating] Ambient Temp. (DB/WB): 7°C/6°C, Water Temp. (Inlet/Outlet): 50°C/55°C.									
Heating Capacity (kW)	1.76~7.60	2.31~10.53	2.74~13.70	3.34~15.91	3.72~17.16	4.28~21.92	4.53~24.35	7.58~28.06	8.47~29.98
Power Input (kW)	0.42~2.96	0.56~4.18	0.62~5.18	0.76~6.14	0.86~6.83	0.98~8.18	1.01~9.32	1.72~10.83	1.93~11.85
COP	4.19~2.57	4.13~2.52	4.42~2.64	4.39~2.59	4.33~2.51	4.37~2.68	4.49~2.61	4.41~2.59	4.39~2.53
[Space Cooling] Ambient Temp. (DB/WB): 35°C / -, Water Temp. (Inlet/Outlet): 12°C/7°C.									
Cooling Capacity (kW)	1.27~6.66	1.78~9.71	2.26~12.45	3.03~14.68	3.28~16.80	3.69~18.80	4.24~20.76	7.41~25.07	8.64~27.30
Power Input (kW)	0.31~2.64	0.42~3.81	0.56~4.95	0.69~5.56	0.76~6.44	0.85~7.17	0.99~8.08	1.72~9.39	2.02~10.53
EER	4.10~2.52	4.24~2.55	4.04~2.52	4.39~2.64	4.32~2.61	4.34~2.62	4.28~2.57	4.31~2.67	4.28~2.59
[Hot Water] Ambient Temp. (DB/WB): 20°C/15°C, Water Temp. from 15°C to 55°C.									
Heating Capacity (kW)	10	12.47	17.12	21.62	23.25	25.61	28.94	32.74	34.62
Power Input (kW)	2.35	2.92	3.83	5	5.48	5.96	6.87	7.54	8.09
COP	4.26	4.27	4.47	4.32	4.24	4.3	4.21	4.34	4.28
Indoor Unit Info									
Electric Heater (kW)	3/6/9 (optional)								
Expansion Tank (L)	8							10	
Water Pipe Connection (inch)	G1"							G1 1/2"	
Refrigerant outlet (mm)	Φ15.88								
Refrigerant inlet (mm)	Φ9.52								
Rated Water Flow (m ³ /h)	1.55	2.24	2.75	3.18	3.44	3.96	4.47	5.16	5.5
Circulating Pump	Built-In								
Sound Pressure Level dB (A) at 1m	32	32	34	34	34	36	36	38	38
Net Dimensions (mm)	450×285×786							510×310×790	
Water Proof Class	IPX1								
Outdoor Unit Info									
Compressor Brand	Panasonic				Mitsubishi				
Sound Pressure Level dB (A) at 1m	43~54	43~55	44~55	44~56	45~58	45~58	46~59	47~60	47~60
Net Dimensions (L×W×H) (mm)	1030×460×935			1053×422×1360				1130×430×1555	
Water Proof Class	IPX4								
General Info									
Power Supply	380~415V/3N~/ 50Hz								
ErP Level (35°C)	A+++								
ErP Level (55°C)	A++								
Max. Power Input (kW)	12.1 (3.1+9)	13.5 (4.5+9)	14.8 (5.8+9)	15.6 (6.6+9)	16.2 (7.2+9)	17.5 (8.5+9)	19.5 (10.5+9)	21.2 (12.2+9)	21.8 (12.8+9)
Max. Running Current (A)	19.2 (5.5+13.7)	21.7 (8+13.7)	23.8 (10.1+13.7)	25.2 (11.5+13.7)	26 (12.3+13.7)	28.3 (14.6+13.7)	31.5 (17.8+13.7)	34.4 (20.7+13.7)	35.5 (21.8+13.7)
Refrigerant	R32								
Operation Range (°C)	-25~43								
Max. Outlet Water Temp (°C)	60								
Electricity Shock Proof	I								

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