

TECHNICAL DATASHEET

Monobloc Heat Pump

BEMHP-V4-16WR1P | BEMHP-V12-16WR3P

// RESIDENTIAL USE // COMMERCIAL USE

Residential monobloc air-to-water heat pump available in single-phase (V4-16WR1P) and three-phase (V12-16WR3P) versions. It covers the home's heating, cooling, and domestic hot water needs. Compatible with radiators, underfloor heating, fan coils, and water storage tanks.

- ✓ A+++ high energy efficiency for maximum savings.
- ✓ Compact Monobloc system for easy installation.
- ✓ Built-in Wi-Fi with smart remote control.
- ✓ Quiet operation for enhanced comfort.
- ✓ Heating, cooling, and DHW in one system.



FEATURES



HIGH EFFICIENCY



SMART CONTROL



HEATING & COOLING



ENERGY SAVING



LOW NOISE



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MODEL	BEMHP-V4WR1P	BEMHP-V6WR1P	BEMHP-V8WR1P	BEMHP-V10WR1P	BEMHP-V12WR1P
POWER SUPPLY (V/PH/HZ)					
Power supply (V/Ph/Hz)	220 - 240/1/50	220 - 240/1/50	220 - 240/1/50	220 - 240/1/50	220 - 240/1/50
HEATING A7W35					
Capacity (W)	4,500	6,200	8,400	10,000	12,000
Rated input (W)	874	1,265	1,680	2,128	2,500
COP	5.15	4.90	5.00	4.70	4.80
COOLING A35W18					
Capacity (W)	4,500	6,500	8,300	10,000	12,000
Rated input (W)	818	1,275	1,612	2,105	2,667
COP	5.50	5.10	5.15	4.75	4.50
SCOP					
Average climate, W35°C	A+++				
Average climate, W55°C	A++				
REFRIGERANT					
Type (GWP)	R290 (3)				
Charged volume (g)	700	700	1,100	1,100	1,250
OTHER PARAMETERS					
Unit dimensions (H×W×D) (mm)	1,299 × 717 × 426	1,299 × 717 × 426	1,385 × 865 × 523	1,385 × 865 × 523	1,385 × 865 × 523
Packing dimensions (H×W×D) (mm)	1,375 × 885 × 475	1,375 × 885 × 475	1,465 × 1,035 × 560	1,465 × 1,035 × 560	1,465 × 1,035 × 560
Net/Gross weight (kg)	90/110	90/110	117/139	117/139	135/157
Outdoor air temperature range (°C)	-5 ~ 46				
Water setting temperature range (°C)	5 ~ 80				

MODEL	BEMHP-V14WR1P	BEMHP-V16WR1P	BEMHP-V12WR3P	BEMHP-V14WR3P	BEMHP-V16WR3P
POWER SUPPLY (V/PH/HZ)					
Power supply (V/Ph/Hz)	220 - 240/1/50	220 - 240/1/50	380 - 415/3/50	380 - 415/3/50	380 - 415/3/50
HEATING A7W35					
Capacity (W)	14,000	15,000	12,000	14,000	15,000
Rated input (W)	3,111	3,409	2,500	3,111	3,409
COP	4.50	4.40	4.80	4.50	4.40
COOLING A35W18					
Capacity (W)	14,000	16,000	12,000	14,000	16,000
Rated input (W)	3,333	4,103	2,667	3,333	4,103
COP	4.20	3.90	4.50	4.20	3.90
SCOP					
Average climate, W35°C			A+++		
Average climate, W55°C			A++		
REFRIGERANT					
Type (GWP)			R290 (3)		
Charged volume (g)	1,250	1,250	1,250	1,250	1,250
OTHER PARAMETERS					
Unit dimensions (H×W×D) (mm)	1,385 × 865 × 523	1,385 × 865 × 523	1,385 × 865 × 523	1,385 × 865 × 523	1,385 × 865 × 523
Packing dimensions (H×W×D) (mm)	1,465 × 1,035 × 560	1,465 × 1,035 × 560	1,465 × 1,035 × 560	1,465 × 1,035 × 560	1,465 × 1,035 × 560
Net/Gross weight (kg)	135/157	135/157	137/159	137/159	137/159
Outdoor air temperature range (°C)			-5 ~ 46		
Water setting temperature range (°C)			5 ~ 80		