



# EMPEROR

Impressively elegant, incomparably strong!



A+++ Energy Class  
in cooling and heating  
in all capacities



Triple Eco Mode



Motion Detector



Ultra Silence Mode  
16dB(A)



Impressive  
design



The WiFi APP is compatible with Siri Shortcuts, Google Assistant\*, and Amazon Alexa\*\*.

\*The Google logo is a trademark of Google LLC. The Google Assistant feature may not be available in some countries and languages. \*\* Amazon, Alexa, and related logos are trademarks of Amazon.com, Inc., or its affiliates.



Wi-Fi Standard



Ultraviolet Type C & Ionizer Technology



Follow Me



Smart Air Distribution



Hotel Menu



Chasis Heating Belt



Low Ambient Heating at -20°C



Central Control

Model			EMPVI-09WFI/ EMPVO-09	EMPVI-12WFI/ EMPVO-12	EMPVI-18WFI/ EMPVO-18	EMPVI-24WFI/ EMPVO-24
Cooling Capacity (Btu/h)			8.870 (2.730-10.920)	11.940 (3.410-13.650)	17.740 (4.770-20.470)	24.225 (7.165-27.295)
Cooling Capacity (kWatt)			2.6 (0.8-3.2)	3.5 (1.0-4.0)	5.2 (1.4-6.0)	7.1 (2.1-8.0)
Heating Capacity (Btu/h)			10.920 (2.730-14.330)	14.330 (3.410-17.740)	20.470 (4.605-23.200)	25.250 (5.120-29.000)
Heating Capacity (kWatt)			3.2 (0.8-4.2)	4.0 (1.0-5.2)	6.0 (1.4-6.8)	7.1
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5	5.2	7.1
		Energy Class	A+++	A+++	A+++	A+++
		SEER	8.5	8.5	8.5	8.5
		Annual Power Consumption (kWh/year)	107	144	214	292
	Heating (Middle Zone)	Pdesign (kW)	2.4	2.8	4.6	5.6
		Energy Class	A++	A++	A++	A++
		SCOP	4.6	4.6	4.6	4.6
		Annual Power Consumption (kWh/year)	731	854	1.400	1.704
	Heating (Warm Zone)	Pdesign (kW)	2.3	2.8	4.8	5.8
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.1	5.1	5.1	5.1
		Annual Power Consumption (kWh/year)	631	768	1.318	1.592
Voltage / Frequency / Phase (V/Hz/Ph)			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	2.9 (0.9-5.5)	3.9 (1.4-6.7)	6.2 (2.3-9.1)	9.6 (3.2-11.2)	
	Heating	3.6 (1.3-6.8)	5.0 (2.3-7.2)	6.82 (2.3-10.7)	9.6 (3.2-13)	
Power Input (W)	Cooling	0.60 (0.2-1.2)	0.88 (0.3-1.5)	1.44 (0.2-2.2)	2.03 (0.3-2.9)	
	Heating	0.80 (0.3-1.5)	1.10 (0.5-1.6)	1.50 (0.5-2.7)	1.99 (0.6-3.2)	
Air Flow Volume (m3/h) (High/Medium/Low)			700/600/500/370/280	730/650/550/440/300	900/760/610/510/410	1.250/1.100/950/850/700
Noise Level (dB(A))	Indoor unit (Silent/Low/Medium/High)	16/25/32/38	17/26/33/39	28/35/40/44	29/37/45/47	
	Outdoor unit	47	48	54	58	
Sound Power Level (dB(A))	Indoor unit	53	55	60	65	
	Outdoor unit	59	61	65	70	
Dehumidifying Volume	L/h	1.2	1.6	2.3	3.0	
	L/jour	28.8	38.4	55.2	72.0	
Compressor			ROTARY	ROTARY	ROTARY	ROTARY
Liquid line   Gas line			1/4"   3/8"	1/4"   3/8"	1/4"   1/2"	63
Fuses (A)			10	10	16	16
Signal Wires (Noxmm²)			4x1.5	4x1.5	4x1.5	4x1.5
Dimensions WxDxH (mm)	Indoor unit	856x197x300	856x197x300	999x225x323	1.115x235x343	
	Outdoor unit	800x275x553	800x275x553	820x306x642	890x340x705	
Net Weight (kg)			9.5/27.6	9.5/30.0	12.0/37.8	15.2/43.0
Refrigerant/Charge (g)			R32 / 630	R32 / 780	R32 / 1.100	R32 / 1.350
Outdoor Operation Temperature Range (°C)	Cooling	-20 ~ 43	-20 ~ 43	-20 ~ 43	-20 ~ 43	
	Heating	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	