

Indoor unit: P7MVI-09WiFi

Outdoor unit: P7MVO-09



## Function

## Design Load

## Seasonal Efficiency

Cooling	YES	Cooling	2,60	Kw	Cooling	SEER	6,8
Heating / Average Zone	YES	Heating / Average Zone	2,40	Kw	Heating / Average Zone	SCOP(A)	4,1
Heating / Warmer Zone	-	Heating / Warmer Zone	-	Kw	Heating / Warmer Zone	SCOP(W)	-
Heating / Colder Zone	-	Heating / Colder Zone	-	Kw	Heating / Colder Zone	SCOP <sup>o</sup>	-

## Cooling

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj

Tj=35°C	P <sub>dc</sub>	2,600	Kw
Tj=30°C	P <sub>dc</sub>	1,877	Kw
Tj=25°C	P <sub>dc</sub>	1,113	Kw
Tj=20°C	P <sub>dc</sub>	1,168	Kw

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj

Tj=35°C	EER <sub>d</sub>	3,50
Tj=30°C	EER <sub>d</sub>	5,06
Tj=25°C	EER <sub>d</sub>	8,56
Tj=20°C	EER <sub>d</sub>	12,43

## Heating / Average Zone

Declared capacity for Heating / Average Season, at indoor temperature 20°C and outdoor temperature Tj

Tj=-7°C	P <sub>dh</sub>	2,123	Kw
Tj=2°C	P <sub>dh</sub>	1,312	Kw
Tj=7°C	P <sub>dh</sub>	0,856	Kw
Tj=12°C	P <sub>dh</sub>	0,875	Kw
Tj=bivalent temperature	P <sub>dh</sub>	2,123	Kw
Tj=operation limit	P <sub>dh</sub>	1,688	Kw

Declared coefficient of performance for Heating / Average Season, at indoor temperature 20°C and outdoor temperature Tj

Tj=-7°C	COP <sub>d</sub>	2,88
Tj=2°C	COP <sub>d</sub>	4,18
Tj=7°C	COP <sub>d</sub>	4,89
Tj=12°C	COP <sub>d</sub>	6,03
Tj=bivalent temperature	COP <sub>d</sub>	2,88
Tj=operation limit	COP <sub>d</sub>	1,92

## Heating / Warmer Zone

Declared capacity for Heating / Warmer Season, at indoor temperature 20°C and outdoor temperature Tj

Tj=2°C	P <sub>dh</sub>	-	Kw
Tj=7°C	P <sub>dh</sub>	-	Kw
Tj=12°C	P <sub>dh</sub>	-	Kw
Tj=bivalent temperature	P <sub>dh</sub>	-	Kw
Tj=operation limit	P <sub>dh</sub>	-	Kw

Declared coefficient of performance for Heating / Warmer Season, at indoor temperature 20°C and outdoor temperature Tj

Tj=2°C	COP <sub>d</sub>	-
Tj=7°C	COP <sub>d</sub>	-
Tj=12°C	COP <sub>d</sub>	-
Tj=bivalent temperature	COP <sub>d</sub>	-
Tj=operation limit	COP <sub>d</sub>	-

## Bivalent Temperature

Heating / Average Zone	T <sub>biv</sub>	-7	°C
Heating / Warmer Zone	T <sub>biv</sub>	-	°C

## Operating Limit Temperature

Heating / Average Zone	T <sub>ol</sub>	-15	Kw
Heating / Warmer Zone	T <sub>ol</sub>	-	Kw

## Electricity Data

Electric power input in power modes other than 'active mode'

Off mode	P <sub>OFF</sub>	0,001	Kw
Standby mode	P <sub>SB</sub>	0,001	Kw
Thermostat off mode	P <sub>TO</sub>	0,019	Kw
Crankcase heater mode	P <sub>CK</sub>	0,0	Kw

## Annual electricity consumption

Cooling	Q <sub>CE</sub>	134	kWh/a
Heating / Average Zone	Q <sub>HE</sub>	820	kWh/a

## Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	53	dB(A)
Sound power lever (outdoor unit)	LWA	58	dB(A)
Global warning potential	GWP	2.088	Kg CO <sub>2</sub> eq
Rated air flow (indoor unit)	-	470	m³/h
Rated air flow (outdoor unit)	-	1900	m³/h



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Harmonised standard: EN 14511:2011

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Calculation methods - Measurement standards: EN 14825