

Indoor unit: V4MCI-50

Outdoor unit: U4MRT-50



Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	14,0 Kw	SEER 5,6
Heating / Average Zone	11,5 Kw	SCOP(A) 4,0
Heating / Warmer Zone	- Kw	SCOP(W) -
Heating / Colder Zone	- Kw	SCOP© -

Cooling

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

Tj=35°C	Pdc	14,000	Kw
Tj=30°C	Pdc	9,657	Kw
Tj=25°C	Pdc	6,218	Kw
Tj=20°C	Pdc	3,481	Kw

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

Tj=35°C	EERd	2,54
Tj=30°C	EERd	4,31
Tj=25°C	EERd	6,52
Tj=20°C	EERd	9,97

Heating / Average Zone

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

Tj=-7°C	Pdh	10,179	Kw
Tj=2°C	Pdh	6,180	Kw
Tj=7°C	Pdh	3,932	Kw
Tj=12°C	Pdh	2,133	Kw
Tj=bivalent temperature	Pdh	10,179	Kw
Tj=operation limit	Pdh	10,512	Kw

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

Tj=-7°C	COPd	2,61
Tj=2°C	COPd	3,98
Tj=7°C	COPd	5,31
Tj=12°C	COPd	5,24
Tj=bivalent temperature	COPd	2,61
Tj=operation limit	COPd	2,05

Heating / Warmer Zone

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

Tj=2°C	Pdh	-	Kw
Tj=7°C	Pdh	-	Kw
Tj=12°C	Pdh	-	Kw
Tj=bivalent temperature	Pdh	-	Kw
Tj=operation limit	Pdh	-	Kw

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

Tj=2°C	COPd	-
Tj=7°C	COPd	-
Tj=12°C	COPd	-
Tj=bivalent temperature	COPd	-
Tj=operation limit	COPd	-

Bivalent Temperature

Heating / Average Zone	Tbiv	-7	°C
Heating / Warmer Zone	Tbiv	-	°C

Operating Limit Temperature

Heating / Average Zone	Tol	-15	Kw
Heating / Warmer Zone	Tol	-	Kw

Electricity Data

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

Off mode	P _{OFF}	0,01	Kw
Standby mode	P _{SB}	0,01	Kw
Thermostat off mode	P _{TO}	0,01	Kw
Crankcase heater mode	P _{CK}	0,0	Kw

Annual electricity consumption

Cooling	Q _{CE}	875	kWh/a
Heating / Average Zone	Q _{HE}	4025	kWh/a

Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	63	dB(A)
Sound power lever (outdoor unit)	LWA	71	dB(A)
Global warning potential	GWP	2088	Kg CO ₂ eq
Rated air flow (indoor unit)	-	-	m ³ /h
Rated air flow (outdoor unit)	-	-	m ³ /h



Contact details for obtaining more information Importer / Distributor in European Union
 Inventor A.G. S.A. / 2, Thoukididou Str, 145 65 Agios Stefanos, Athens Greece
 Tel:+30 211.300.33.00 Fax: +30 211.300.33.33 www.inventor.ac/en

Harmonised standard: EN 14511:2011

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Calculation methods - Measurement standards: EN 14825