

Indoor unit: V4MCI-24

Outdoor unit: U4MRS-24



Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	7,0 Kw	SEER 6,1
Heating / Average Zone	5,8 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	7,000	Kw
Tj=30°C	Pdc	5,342	Kw
Tj=25°C	Pdc	3,466	Kw
Tj=20°C	Pdc	2,043	Kw

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

Tj=35°C	EERd	3,14
Tj=30°C	EERd	4,36
Tj=25°C	EERd	6,77
Tj=20°C	EERd	12,16

Heating / Average Zone

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

Tj=-7°C	Pdh	5,141	Kw
Tj=2°C	Pdh	3,243	Kw
Tj=7°C	Pdh	2,112	Kw
Tj=12°C	Pdh	2,314	Kw
Tj=bivalent temperature	Pdh	5,131	Kw
Tj=operation limit	Pdh	5,405	Kw

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

Tj=-7°C	COPd	2,54
Tj=2°C	COPd	3,86
Tj=7°C	COPd	5,49
Tj=12°C	COPd	6,77
Tj=bivalent temperature	COPd	2,54
Tj=operation limit	COPd	2,00

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}	0,001	Kw
Standby mode	P _{SB}	0,001	Kw
Thermostat off mode	P _{TO}	0,025	Kw
Crankcase heater mode	P _{CK}	0,0	Kw

Annual electricity consumption

Cooling	Q _{CE}	402	kWh/a
Heating / Average Zone	Q _{HE}	2030	kWh/a

Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	61	dB(A)
Sound power lever (outdoor unit)	LWA	65	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



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Harmonised standard: EN 14511:2011

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Calculation methods - Measurement standards: EN 14825