

Indoor unit: V4MCRI-18

Outdoor unit: U4MRS-18



Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	5,3 Kw	SEER 6,3
Heating / Average Zone	4,8 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	Pdc	Kw
Tj=35°C	5,300	Kw
Tj=30°C	3,942	Kw
Tj=25°C	2,550	Kw
Tj=20°C	1,198	Kw

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

Tj	EERd
Tj=35°C	3,09
Tj=30°C	4,59
Tj=25°C	7,26
Tj=20°C	13,46

Heating / Average Zone

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

Tj	Pdh	Kw
Tj=-7°C	4,246	Kw
Tj=2°C	2,648	Kw
Tj=7°C	1,689	Kw
Tj=12°C	1,692	Kw
Tj=bivalent temperature	4,246	Kw
Tj=operation limit	3,534	Kw

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

Tj	COPd
Tj=-7°C	2,69
Tj=2°C	3,76
Tj=7°C	5,52
Tj=12°C	6,61
Tj=bivalent temperature	2,69
Tj=operation limit	2,32

Heating / Warmer Zone

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

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

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

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

Bivalent Temperature

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

Operating Limit Temperature

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

Electricity Data

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

Mode	Power	Kw
Off mode	P _{OFF}	0,007 Kw
Standby mode	P _{SB}	0,007 Kw
Thermostat off mode	P _{TO}	0,007 Kw
Crankcase heater mode	P _{CK}	0,0 Kw

Annual electricity consumption

Zone	Q _{CE}	kWh/a
Cooling	294	kWh/a
Heating / Average Zone	1680	kWh/a

Capacity control - Variable

Other Items

Item	Value	Unit
Sound power lever (indoor unit)	LWA 56	dB(A)
Sound power lever (outdoor unit)	LWA 64	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
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Harmonised standard: EN 14511:2011

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Calculation methods - Measurement standards: EN 14825