

Indoor unit: V4MDI-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	Pdc	Kw
Tj=35°C	7,000	Kw
Tj=30°C	5,342	Kw
Tj=25°C	3,466	Kw
Tj=20°C	2,043	Kw

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

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

Heating / Average Zone

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

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

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

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

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}	0,001 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

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

Capacity control - Variable

Other Items

Item	Value	Unit
Sound power lever (indoor unit)	LWA 62	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

