

Indoor unit: V4MDI-24UR

Outdoor unit: U4MRS-24



Function

Design Load

Seasonal Efficiency

Function	YES	Design Load	7.0	Kw	Seasonal Efficiency	SEER	6.1
Cooling	YES	Cooling	7.0	Kw	Cooling	SEER	6.1
Heating / Average Zone	YES	Heating / Average Zone	5.8	Kw	Heating / Average Zone	SCOP(A)	4.0
Heating / Warmer Zone	-	Heating / Warmer Zone	-	Kw	Heating / Warmer Zone	SCOP(W)	-
Heating / Colder Zone	-	Heating / Colder Zone	-	Kw	Heating / Colder Zone	SCOP ^o	-

Cooling

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

Tj=35°C	Pdc	7.045	Kw
Tj=35°C	Pdc	7.045	Kw
Tj=30°C	Pdc	5.128	Kw
Tj=25°C	Pdc	3.552	Kw
Tj=20°C	Pdc	1.987	Kw

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

Tj=35°C	EERd	2.54
Tj=35°C	EERd	2.54
Tj=30°C	EERd	4.53
Tj=25°C	EERd	7.56
Tj=20°C	EERd	12.66

Heating / Average Zone

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

Tj=-7°C	Pdh	5.159	Kw
Tj=-7°C	Pdh	5.159	Kw
Tj=2°C	Pdh	3.237	Kw
Tj=7°C	Pdh	2.182	Kw
Tj=12°C	Pdh	2.408	Kw
Tj=bivalent temperature	Pdh	5.159	Kw
Tj=operation limit	Pdh	5.742	Kw

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

Tj=-7°C	COPd	2.77
Tj=-7°C	COPd	2.77
Tj=2°C	COPd	3.91
Tj=7°C	COPd	5.06
Tj=12°C	COPd	6.14
Tj=bivalent temperature	COPd	2.77
Tj=operation limit	COPd	2.61

Heating / Warmer Zone

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

Tj=2°C	Pdh	-	Kw
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=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 / Average Zone	Tbiv	-7	°C
Heating / Warmer Zone	Tbiv	-	°C

Operating Limit Temperature

Heating / Average Zone	Tol	-10	Kw
Heating / Average Zone	Tol	-10	Kw
Heating / Warmer Zone	Tol	-	Kw

Electricity Data

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

Off mode	P _{OFF}	0.008	Kw
Off mode	P _{OFF}	0.008	Kw
Standby mode	P _{SB}	0.008	Kw
Standby mode	P _{SB}	0.008	Kw
Thermostat off mode	P _{TO}	0.008	Kw
Thermostat off mode	P _{TO}	0.008	Kw
Crankcase heater mode	P _{CK}	0.0	Kw
Crankcase heater mode	P _{CK}	0.0	Kw

Annual electricity consumption

Cooling	Q _{CE}	403	kWh/a
Cooling	Q _{CE}	403	kWh/a
Heating / Average Zone	Q _{HE}	2034	kWh/a
Heating / Average Zone	Q _{HE}	2034	kWh/a

Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	62	dB(A)
Sound power lever (indoor unit)	LWA	62	dB(A)
Sound power lever (outdoor unit)	LWA	65	dB(A)
Sound power lever (outdoor unit)	LWA	65	dB(A)
Global warning potential	GWP	2.088	Kg CO ₂ eq
Global warning potential	GWP	2.088	Kg CO ₂ eq
Rated air flow (indoor unit)	-	-	m ³ /h
Rated air flow (indoor unit)	-	-	m ³ /h
Rated air flow (outdoor unit)	-	-	m ³ /h
Rated air flow (outdoor unit)	-	-	m ³ /h

