

Indoor unit: V4MDI-18UR

Outdoor unit: U4MRS-18



## Function

## Design Load

## Seasonal Efficiency

Function	YES	Design Load	5.4	Kw	Seasonal Efficiency	SEER	6.3
Cooling	YES	Cooling	4.6	Kw	Cooling	SCOP(A)	4.0
Heating / Average Zone	-	Heating / Average Zone	-	Kw	Heating / Average Zone	SCOP(W)	-
Heating / Warmer Zone	-	Heating / Warmer Zone	-	Kw	Heating / Colder Zone	SCOP <sup>o</sup>	-

## Cooling

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

Tj=35°C	Pdc	5.355	Kw
Tj=30°C	Pdc	3.923	Kw
Tj=25°C	Pdc	2.552	Kw
Tj=20°C	Pdc	1.238	Kw

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

Tj=35°C	EERd	2.87
Tj=30°C	EERd	4.58
Tj=25°C	EERd	7.44
Tj=20°C	EERd	12.63

## Heating / Average Zone

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

Tj=-7°C	Pdh	4.104	Kw
Tj=2°C	Pdh	2.495	Kw
Tj=7°C	Pdh	1.616	Kw
Tj=12°C	Pdh	1.782	Kw
Tj=bivalent temperature	Pdh	4.104	Kw
Tj=operation limit	Pdh	4.349	Kw

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

Tj=-7°C	COPd	2.81
Tj=2°C	COPd	3.97
Tj=7°C	COPd	4.88
Tj=12°C	COPd	6.1
Tj=bivalent temperature	COPd	2.81
Tj=operation limit	COPd	2.59

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

## Electricity Data

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

Off mode	P <sub>OFF</sub>	0.006	Kw
Standby mode	P <sub>SB</sub>	0.006	Kw
Thermostat off mode	P <sub>TO</sub>	0.008	Kw
Crankcase heater mode	P <sub>CK</sub>	0.0	Kw

## Annual electricity consumption

Cooling	Q <sub>CE</sub>	299	kWh/a
Heating / Average Zone	Q <sub>HE</sub>	1622	kWh/a

## Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	58	dB(A)
Sound power lever (outdoor unit)	LWA	64	dB(A)
Global warning potential	GWP	2.088	Kg CO <sub>2</sub> eq
Rated air flow (indoor unit)	-	-	m <sup>3</sup> /h
Rated air flow (outdoor unit)	-	-	m <sup>3</sup> /h



Contact details for obtaining more information Importer / Distributor in European Union  
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Harmonised standard: EN 14511:2011

No 626/2011 No 206/2012

Calculation methods - Measurement standards: EN 14825