

Indoor unit: V5MDI32-18WiFiRB

Outdoor unit: U5MRS32-18



## Function

## Design Load

## Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	5,30 Kw	SEER 6,10
Heating / Average Zone	4,60 Kw	SCOP(A) 4,02
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	3,993	Kw
Tj=25°C	2,444	Kw
Tj=20°C	1,204	Kw

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

Tj	EERd
Tj=35°C	3,12
Tj=30°C	4,41
Tj=25°C	7,28
Tj=20°C	11,46

## Heating / Average Zone

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

Tj	Pdh	Kw
Tj=-7°C	4,140	Kw
Tj=2°C	2,568	Kw
Tj=7°C	1,676	Kw
Tj=12°C	1,789	Kw
Tj=bivalent temperature	4,140	Kw
Tj=operation limit	4,219	Kw

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

Tj	COPd
Tj=-7°C	2,78
Tj=2°C	4,06
Tj=7°C	4,76
Tj=12°C	5,71
Tj=bivalent temperature	2,78
Tj=operation limit	2,56

## 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	°C
Heating / Average Zone	-15	°C
Heating / Warmer Zone	-	°C

## Electricity Data

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

Mode	Power	Kw
Off mode	P <sub>OFF</sub>	0,007
Standby mode	P <sub>SB</sub>	0,007
Thermostat off mode	P <sub>TO</sub>	0,001
Crankcase heater mode	P <sub>CK</sub>	0,0

Annual electricity consumption

Mode	Consumption	kWh/a
Cooling	Q <sub>CE</sub>	304
Heating / Average Zone	Q <sub>HE</sub>	1638

## Capacity control - Variable

Other Items

Item	Value	Unit
Sound power lever (indoor unit)	LWA 61	dB(A)
Sound power lever (outdoor unit)	LWA 61	dB(A)
Global warning potential	GWP 675	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



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Harmonised standard: EN 14511:2011

No 626/2011 No 206/2012

Calculation methods - Measurement standards: EN 14825