

Indoor unit: V5MDI32-24WiFiRB

Outdoor unit: U5MRS32-24



Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	7,00 Kw	SEER 6,10
Heating / Average Zone	6,10 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	7,000	Kw
Tj=30°C	5,152	Kw
Tj=25°C	3,454	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	3,11
Tj=30°C	4,52
Tj=25°C	7,23
Tj=20°C	12,65

Heating / Average Zone

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

Tj	Pdh	Kw
Tj=-7°C	4,777	Kw
Tj=2°C	2,966	Kw
Tj=7°C	1,960	Kw
Tj=12°C	2,290	Kw
Tj=bivalent temperature	4,777	Kw
Tj=operation limit	5,380	Kw

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

Tj	COPd
Tj=-7°C	2,72
Tj=2°C	3,96
Tj=7°C	4,96
Tj=12°C	6,12
Tj=bivalent temperature	2,72
Tj=operation limit	2,51

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 _{OFF}	0,01 Kw
Standby mode	P _{SB}	0,01 Kw
Thermostat off mode	P _{TO}	0,01/0,016 Kw
Crankcase heater mode	P _{CK}	0,0 Kw

Annual electricity consumption

Mode	Consumption	kWh/a
Cooling	Q _{CE}	402 kWh/a
Heating / Average Zone	Q _{HE}	2135 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 675	Kg CO ₂ eq
Rated air flow (indoor unit)	-	m ³ /h
Rated air flow (outdoor unit)	-	m ³ /h



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Harmonised standard: EN 14511:2011

No 626/2011 No 206/2012

Calculation methods - Measurement standards: EN 14825