

Indoor unit: V4MCI-36UR

Outdoor unit: U4MRS-36



Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	10.6 Kw	SEER 6.2
Heating / Average Zone	9.9 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=35°C	Pdc	10.596	Kw
Tj=30°C	Pdc	7.888	Kw
Tj=25°C	Pdc	4.657	Kw
Tj=20°C	Pdc	2.599	Kw

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

Tj=35°C	EERd	2.52
Tj=30°C	EERd	4.22
Tj=25°C	EERd	7.38
Tj=20°C	EERd	13.68

Heating / Average Zone

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

Tj=-7°C	Pdh	8.788	Kw
Tj=2°C	Pdh	5.600	Kw
Tj=7°C	Pdh	3.627	Kw
Tj=12°C	Pdh	3.872	Kw
Tj=bivalent temperature	Pdh	8.788	Kw
Tj=operation limit	Pdh	9.283	Kw

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

Tj=-7°C	COPd	2.37
Tj=2°C	COPd	3.86
Tj=7°C	COPd	5.76
Tj=12°C	COPd	7.04
Tj=bivalent temperature	COPd	2.37
Tj=operation limit	COPd	2.11

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 _{OFF}	0.010	Kw
Standby mode	P _{SB}	0.006	Kw
Thermostat off mode	P _{TO}	0.010	Kw
Crankcase heater mode	P _{CK}	0.0	Kw

Annual electricity consumption

Cooling	Q _{CE}	600	kWh/a
Heating / Average Zone	Q _{HE}	3462	kWh/a

Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	61	dB(A)
Sound power lever (outdoor unit)	LWA	66	dB(A)
Global warning potential	GWP	2.088	Kg CO ₂ eq
Rated air flow (indoor unit)	-	-	m ³ /h
Rated air flow (outdoor unit)	-	-	m ³ /h



Contact details for obtaining more information Importer / Distributor in European Union
 INVENTOR A.G. S.A. / 24th km National Road Athens - Lamia & 2 Thoukididou Str., Ag. Stefanos, 145 65,
 Tel.: +30 211 300 3300, Fax: +30 211 300 3333 • www.inventor.ac/en

Harmonised standard: EN 14511:2011

No 626/2011 No 206/2012

Calculation methods - Measurement standards: EN 14825