

Indoor unit: AR1MVI32-12

Outdoor unit: AR1MVO32-12



## Function

Cooling	YES
Heating / Average Zone	YES
Heating / Warmer Zone	-
Heating / Colder Zone	-

## Design Load

Cooling	3,5	Kw
Heating / Average Zone	2,8	Kw
Heating / Warmer Zone	-	Kw
Heating / Colder Zone	-	Kw

## Seasonal Efficiency

Cooling	SEER	7,5
Heating / Average Zone	SCOP(A)	4,2
Heating / Warmer Zone	SCOP(W)	-
Heating / Colder Zone	SCOP©	-

## Cooling

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

Tj=35°C	Pdc	3,5	Kw
Tj=30°C	Pdc	2,57	Kw
Tj=25°C	Pdc	1,62	Kw
Tj=20°C	Pdc	0,82	Kw

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

Tj=35°C	EERd	3,27
Tj=30°C	EERd	5,23
Tj=25°C	EERd	8,83
Tj=20°C	EERd	15,98

## Heating / Average Zone

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

Tj=-7°C	Pdh	2,47	Kw
Tj=2°C	Pdh	1,55	Kw
Tj=7°C	Pdh	0,95	Kw
Tj=12°C	Pdh	0,85	Kw
Tj=bivalent temperature	Pdh	2,47	Kw
Tj=operation limit	Pdh	1,79	Kw

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

Tj=-7°C	COPd	2,74
Tj=2°C	COPd	4,33
Tj=7°C	COPd	5,13
Tj=12°C	COPd	6,40
Tj=bivalent temperature	COPd	2,74
Tj=operation limit	COPd	1,98

## 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	-15	Kw
Heating / Warmer Zone	Tol	-	Kw

## Electricity Data

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

Off mode	POFF	0,001	Kw
Standby mode	PSB	0,001	Kw
Thermostat off mode	PTo	0,013	Kw
Crankcase heater mode	PCK	0,0	Kw

## Annual electricity consumption

Cooling	QCE	163	Kwh/a
Heating / Average Zone	QHE	933	Kwh/a

## Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	55	dB(A)
Sound power lever (outdoor unit)	LWA	60	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



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