Indoor unit: O1MVI-12 **Outdoor unit: O1MVO-12**

Function

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

Design Load

Cooling	3,5	Kw
Heating / Average Zone	2,6	Kw
Heating / Warmer Zone	2,9	Kw
Heating / Colder Zone	-	Kw

Seasonal Efficiency

Cooling	SEER	6,1
Heating / Average Zone	SCOP(A)	4,0
Heating / Warmer Zone	SCOP(W)	4,60
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	2,59	Kw
Tj=25°C	Pdc	1,72	Kw
Tj=20°C	Pdc	1,09	Kw

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

Tj=35°C	EERd	2,81
Tj=30°C	EERd	4,62
Tj=25°C	EERd	7,3
Tj=20°C	EERd	10,91

Heating / Average Zone

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

Tj=-7°C	Pdh	2,3	Kw
Tj=2°C	Pdh	1,45	Kw
Tj=7°C	Pdh	0,98	Kw
Tj=12°C	Pdh	0,87	Kw
Tj=bivalent temperature	Pdh	2,1	Kw
Tj=operation limit	Pdh	2,3	Kw

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

Tj=-7°C	COPd	2,71
Tj=2°C	COPd	4,06
Tj=7°C	COPd	4,89
Tj=12°C	COPd	5,79
Tj=bivalent temperature	COPd	2,45
Tj=operation limit	COPd	2,71

Heating / Warmer Zone

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

Tj=2°C	Pdh	2,9	Kw
Tj=7°C	Pdh	1,92	Kw
Tj=12°C	Pdh	0,8	Kw
Tj=bivalent temperature	Pdh	2,9	Kw
Tj=operation limit	Pdh	2,9	Kw

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

Tj=2°C	COPd	3,03
Tj=7°C	COPd	4,97
Tj=12°C	COPd	5,63
Tj=bivalent temperature	COPd	3,03
Tj=operation limit	COPd	3,03

Bivalent Temperature

Heating / Average Zone	Tbiv	-7	°C
Heating / Warmer Zone	Tbiv	2	°C

Operating Limit Temperature

Heating / Average Zone	Tol	-15	Kw
Heating / Warmer Zone	Tol	2	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	0,014	Kw
Crankcase heater mode	PCK	0,0	Kw

Annual electricity consumption

Cooling	QCE	201	Kwh/a
Heating / Average Zone	QHE	910	Kwh/a

Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	53	dB(A)
Sound power lever (outdoor unit)	LWA	60	dB(A)
Global warming potential	GWP	2088	Kg $CO_{2\ eq}$
Rated air flow (indoor unit)	-	520	m3/h
Rated air flow (outdoor unit)	-	1800	m3/h

Contact details for obtaining more information Importer / Distributor in European Union
Inventor A.G. S.A. / 2, Thoukididou Str, 145 65 Agios Stefanos, Athens Greece
Tel:+30 211.300.33.00 Fax: +30 211.300.33.33 www.inventorairconditioner.com

Harmonised standard: EN 14511:2011
No 626/2011
No 206/2012
Calculation methods - Measurement standards : EN 14825