

Indoor unit: O1MVI-24

Outdoor unit: O1MVO-24



Function

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

Design Load

| | | |
|------------------------|-----|----|
| Cooling | 7 | Kw |
| Heating / Average Zone | 5,5 | Kw |
| Heating / Warmer Zone | 6,7 | Kw |
| Heating / Colder Zone | - | Kw |

Seasonal Efficiency

| | | |
|------------------------|---------|------|
| Cooling | SEER | 6,3 |
| Heating / Average Zone | SCOP(A) | 4,0 |
| Heating / Warmer Zone | SCOP(W) | 5,10 |
| Heating / Colder Zone | SCOP© | - |

Cooling

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

| | | | |
|---------|-----|------|----|
| Tj=35°C | Pdc | 7 | Kw |
| Tj=30°C | Pdc | 4,73 | Kw |
| Tj=25°C | Pdc | 3,12 | Kw |
| Tj=20°C | Pdc | 2,68 | Kw |

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

| | | |
|---------|------|-------|
| Tj=35°C | EERd | 2,76 |
| Tj=30°C | EERd | 4,27 |
| Tj=25°C | EERd | 8,25 |
| Tj=20°C | EERd | 11,35 |

Heating / Average Zone

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

| | | | |
|-------------------------|-----|------|----|
| Tj=-7°C | Pdh | 4,86 | Kw |
| Tj=2°C | Pdh | 2,95 | Kw |
| Tj=7°C | Pdh | 2,03 | Kw |
| Tj=12°C | Pdh | 1,62 | Kw |
| Tj=bivalent temperature | Pdh | 4,86 | Kw |
| Tj=operation limit | Pdh | 5,23 | Kw |

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

| | | |
|-------------------------|------|------|
| Tj=-7°C | COPd | 2,50 |
| Tj=2°C | COPd | 3,99 |
| Tj=7°C | COPd | 5,23 |
| Tj=12°C | COPd | 6,22 |
| Tj=bivalent temperature | COPd | 2,50 |
| Tj=operation limit | COPd | 1,93 |

Heating / Warmer Zone

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

| | | | |
|-------------------------|-----|------|----|
| Tj=2°C | Pdh | 6,7 | Kw |
| Tj=7°C | Pdh | 4,48 | Kw |
| Tj=12°C | Pdh | 2,06 | Kw |
| Tj=bivalent temperature | Pdh | 6,7 | Kw |
| Tj=operation limit | Pdh | 6,7 | Kw |

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

| | | |
|-------------------------|------|------|
| Tj=2°C | COPd | 2,35 |
| Tj=7°C | COPd | 4,14 |
| Tj=12°C | COPd | 7,10 |
| Tj=bivalent temperature | COPd | 2,35 |
| Tj=operation limit | COPd | 2,35 |

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 | 0,016 | Kw |
| Crankcase heater mode | PCK | 0,0 | Kw |

Annual electricity consumption

| | | | |
|------------------------|-----|------|-------|
| Cooling | QCE | 389 | Kwh/a |
| Heating / Average Zone | QHE | 1925 | Kwh/a |

Capacity control - Variable

Other Items

| | | | |
|----------------------------------|-----|------|-----------------------|
| Sound power lever (indoor unit) | LWA | 61 | dB(A) |
| Sound power lever (outdoor unit) | LWA | 68 | dB(A) |
| Global warning potential | GWP | 2088 | Kg CO ₂ eq |
| Rated air flow (indoor unit) | - | 960 | m ³ /h |
| Rated air flow (outdoor unit) | - | 2700 | m ³ /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