

Indoor unit: AR2MVI32-18WiFi

Outdoor unit: AR2MVO32-18



Function

Design Load

Seasonal Efficiency

| | | | | | | | |
|------------------------|-----|------------------------|-----|----|------------------------|---------|-----|
| Cooling | YES | Cooling | 5,3 | Kw | Cooling | SEER | 7,5 |
| Heating / Average Zone | YES | Heating / Average Zone | 4,1 | Kw | Heating / Average Zone | SCOP(A) | 4,2 |
| Heating / Warmer Zone | YES | Heating / Warmer Zone | 4,5 | Kw | Heating / Warmer Zone | SCOP(W) | 5,1 |
| Heating / Colder Zone | - | Heating / Colder Zone | - | Kw | Heating / Colder Zone | SCOP© | - |

Cooling

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

| | | | |
|---------|-----|-------|----|
| Tj=35°C | Pdc | 5,300 | Kw |
| Tj=30°C | Pdc | 3,950 | Kw |
| Tj=25°C | Pdc | 2,470 | Kw |
| Tj=20°C | Pdc | 1,701 | Kw |

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

| | | |
|---------|------|-------|
| Tj=35°C | EERd | 3,42 |
| Tj=30°C | EERd | 4,67 |
| Tj=25°C | EERd | 7,51 |
| Tj=20°C | EERd | 13,83 |

Heating / Average Zone

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

| | | | |
|-------------------------|-----|-------|----|
| Tj=-7°C | Pdh | 3,627 | Kw |
| Tj=2°C | Pdh | 2,171 | Kw |
| Tj=7°C | Pdh | 1,421 | Kw |
| Tj=12°C | Pdh | 1,137 | Kw |
| Tj=bivalent temperature | Pdh | 3,627 | Kw |
| Tj=operation limit | Pdh | 3,620 | Kw |

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

| | | |
|-------------------------|------|------|
| Tj=-7°C | COPd | 2,91 |
| Tj=2°C | COPd | 3,99 |
| Tj=7°C | COPd | 5,08 |
| Tj=12°C | COPd | 6,15 |
| Tj=bivalent temperature | COPd | 2,91 |
| Tj=operation limit | COPd | 2,20 |

Heating / Warmer Zone

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

| | | | |
|-------------------------|-----|-------|----|
| Tj=2°C | Pdh | 4,500 | Kw |
| Tj=7°C | Pdh | 2,911 | Kw |
| Tj=12°C | Pdh | 1,505 | Kw |
| Tj=bivalent temperature | Pdh | 4,500 | Kw |
| Tj=operation limit | Pdh | 4,500 | Kw |

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

| | | |
|-------------------------|------|------|
| Tj=2°C | COPd | 3,08 |
| Tj=7°C | COPd | 4,70 |
| Tj=12°C | COPd | 6,19 |
| Tj=bivalent temperature | COPd | 3,08 |
| Tj=operation limit | COPd | 3,08 |

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 | 0,009 | Kw |
| Crankcase heater mode | PCK | 0,0 | Kw |

Annual electricity consumption

| | | | |
|------------------------|-----|------|-------|
| Cooling | QCE | 275 | kWh/a |
| Heating / Average Zone | QHE | 1435 | kWh/a |
| Heating / Warm Zone | QHE | 1235 | kWh/a |

Capacity control - Variable

Other Items

| | | | |
|----------------------------------|-----|------|-----------------------|
| Sound power lever (indoor unit) | LWA | 57 | dB(A) |
| Sound power lever (outdoor unit) | LWA | 60 | dB(A) |
| Global warning potential | GWP | 675 | Kg CO ₂ eq |
| Rated air flow (indoor unit) | - | 750 | m³/h |
| Rated air flow (outdoor unit) | - | 2100 | m³/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