

Indoor unit: V5MCI32-18WiFiR

Outdoor unit: U5MRS32-18



## Function

## Design Load

## Seasonal Efficiency

| Function               | YES | Design Load           | 5,3 | Kw | Seasonal Efficiency   | SEER    | 6,1 |
|------------------------|-----|-----------------------|-----|----|-----------------------|---------|-----|
| Cooling                | YES | Cooling               | 4,7 | Kw | Cooling               | SCOP(A) | 4,0 |
| Heating / Average Zone | -   | Heating / Warmer Zone | -   | Kw | Heating / Warmer Zone | SCOP(W) | -   |
| Heating / Warmer Zone  | -   | Heating / Colder Zone | -   | Kw | Heating / Colder Zone | SCOPO   | -   |

## 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 | 3,791 | Kw |
| Tj=25°C | Pdc | 2,510 | Kw |
| Tj=20°C | Pdc | 1,331 | Kw |

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

| Tj=35°C | EERd | 3,12  |
|---------|------|-------|
| Tj=30°C | EERd | 4,10  |
| Tj=25°C | EERd | 6,81  |
| Tj=20°C | EERd | 12,48 |

## Heating / Average Zone

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

| Tj=-7°C                 | Pdh | 4,202 | Kw |
|-------------------------|-----|-------|----|
| Tj=2°C                  | Pdh | 2,750 | Kw |
| Tj=7°C                  | Pdh | 1,733 | Kw |
| Tj=12°C                 | Pdh | 1,732 | Kw |
| Tj=bivalent temperature | Pdh | 4,202 | Kw |
| Tj=operation limit      | Pdh | 4,192 | Kw |

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

| Tj=-7°C                 | COPd | 2,64 |
|-------------------------|------|------|
| Tj=2°C                  | COPd | 3,85 |
| Tj=7°C                  | COPd | 5,26 |
| Tj=12°C                 | COPd | 6,71 |
| Tj=bivalent temperature | COPd | 2,64 |
| Tj=operation limit      | COPd | 2,61 |

## 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 | °C |
|------------------------|-----|-----|----|
| Heating / Warmer Zone  | Tol | -   | °C |

## Electricity Data

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

| Off mode              | P <sub>OFF</sub> | 0,007 | Kw |
|-----------------------|------------------|-------|----|
| Standby mode          | P <sub>SB</sub>  | 0,001 | Kw |
| Thermostat off mode   | P <sub>TO</sub>  | 0,007 | Kw |
| Crankcase heater mode | P <sub>CK</sub>  | 0,0   | Kw |

Annual electricity consumption

| Cooling                | Q <sub>CE</sub> | 304  | kWh/a |
|------------------------|-----------------|------|-------|
| Heating / Average Zone | Q <sub>HE</sub> | 1662 | kWh/a |

## Capacity control - Variable

Other Items

| Sound power lever (indoor unit)  | LWA | 56  | dB(A)                 |
|----------------------------------|-----|-----|-----------------------|
| Sound power lever (outdoor unit) | LWA | 64  | 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  
 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.inventor.ac/en

Harmonised standard: EN 14511:2011

No 626/2011 No 206/2012

Calculation methods - Measurement standards: EN 14825