

Indoor unit: L4VI32-24

Outdoor unit: L4VO32-24



## Function

## Design Load

## Seasonal Efficiency

|                        |     |                        |      |    |                        |                   |     |
|------------------------|-----|------------------------|------|----|------------------------|-------------------|-----|
| Cooling                | YES | Cooling                | 6,40 | Kw | Cooling                | SEER              | 6,3 |
| Heating / Average Zone | YES | Heating / Average Zone | 6,30 | Kw | Heating / Average Zone | SCOP(A)           | 4,0 |
| Heating / Warmer Zone  | YES | Heating / Warmer Zone  | 6,40 | Kw | Heating / Warmer Zone  | SCOP(W)           | 5,1 |
| Heating / Colder Zone  | -   | Heating / Colder Zone  | -    | Kw | Heating / Colder Zone  | SCOP <sup>o</sup> | -   |

## Cooling

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

|         |     |       |    |
|---------|-----|-------|----|
| Tj=35°C | Pdc | 6,580 | Kw |
| Tj=30°C | Pdc | 4,550 | Kw |
| Tj=25°C | Pdc | 3,210 | Kw |
| Tj=20°C | Pdc | 2,660 | Kw |

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

|         |      |       |
|---------|------|-------|
| Tj=35°C | EERd | 3,50  |
| Tj=30°C | EERd | 5,04  |
| Tj=25°C | EERd | 6,69  |
| Tj=20°C | EERd | 11,32 |

## Heating / Average Zone

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

|                         |     |       |    |
|-------------------------|-----|-------|----|
| Tj=-7°C                 | Pdh | 5,590 | Kw |
| Tj=2°C                  | Pdh | 3,400 | Kw |
| Tj=7°C                  | Pdh | 2,200 | Kw |
| Tj=12°C                 | Pdh | 2,050 | Kw |
| Tj=bivalent temperature | Pdh | 5,530 | Kw |
| Tj=operation limit      | Pdh | 5,590 | Kw |

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

|                         |      |      |
|-------------------------|------|------|
| Tj=-7°C                 | COPd | 2,65 |
| Tj=2°C                  | COPd | 4,13 |
| Tj=7°C                  | COPd | 4,77 |
| Tj=12°C                 | COPd | 5,96 |
| Tj=bivalent temperature | COPd | 2,32 |
| Tj=operation limit      | COPd | 2,65 |

## Heating / Warmer Zone

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

|                         |     |      |    |
|-------------------------|-----|------|----|
| Tj=2°C                  | Pdh | 6,42 | Kw |
| Tj=7°C                  | Pdh | 4,12 | Kw |
| Tj=12°C                 | Pdh | 1,85 | Kw |
| Tj=bivalent temperature | Pdh | 6,42 | Kw |
| Tj=operation limit      | Pdh | 6,42 | Kw |

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

|                         |      |      |
|-------------------------|------|------|
| Tj=2°C                  | COPd | 2,83 |
| Tj=7°C                  | COPd | 4,75 |
| Tj=12°C                 | COPd | 5,98 |
| Tj=bivalent temperature | COPd | 2,83 |
| Tj=operation limit      | COPd | 2,83 |

## Bivalent Temperature

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

## Operating Limit Temperature

|                        |     |     |    |
|------------------------|-----|-----|----|
| Heating / Average Zone | Tol | -10 | Kw |
| Heating / Warmer Zone  | Tol | 2   | Kw |

## Electricity Data

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

|                       |                  |               |    |
|-----------------------|------------------|---------------|----|
| Off mode              | P <sub>OFF</sub> | 0,001         | Kw |
| Standby mode          | P <sub>SB</sub>  | 0,001         | Kw |
| Thermostat off mode   | P <sub>TO</sub>  | 0,008 / 0,011 | Kw |
| Crankcase heater mode | P <sub>CK</sub>  | 0,0           | Kw |

## Annual electricity consumption

|                        |                 |      |       |
|------------------------|-----------------|------|-------|
| Cooling                | Q <sub>CE</sub> | 356  | kWh/a |
| Heating / Average Zone | Q <sub>HE</sub> | 2205 | kWh/a |
| Heating / Warm Zone    | Q <sub>HE</sub> | 1757 | kWh/a |

## Capacity control - Variable

Other Items

|                                  |     |      |                       |
|----------------------------------|-----|------|-----------------------|
| Sound power lever (indoor unit)  | LWA | 63   | dB(A)                 |
| Sound power lever (outdoor unit) | LWA | 68   | dB(A)                 |
| Global warning potential         | GWP | 675  | Kg CO <sub>2</sub> eq |
| Rated air flow (indoor unit)     | -   | 1250 | m³/h                  |
| Rated air flow (outdoor unit)    | -   | 3200 | 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.inventor.ac/en

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