

Indoor unit: L3VI-09

Outdoor unit: L3VO-09



## Function

## Design Load

## Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	2,5 Kw	SEER 6,1
Heating / Average Zone	2,5 Kw	SCOP(A) 4,0
Heating / Warmer Zone	2,5 Kw	SCOP(W) 5,1
Heating / Colder Zone	- Kw	SCOP© -

## Cooling

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

Tj	Pdc	Kw
Tj=35°C	2,50	Kw
Tj=30°C	1,84	Kw
Tj=25°C	1,18	Kw
Tj=20°C	0,53	Kw

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

Tj	EERd
Tj=35°C	3,20
Tj=30°C	4,90
Tj=25°C	7,10
Tj=20°C	11,00

## Heating / Average Zone

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

Tj	Pdh	Kw
Tj=-7°C	2,21	Kw
Tj=2°C	1,35	Kw
Tj=7°C	0,87	Kw
Tj=12°C	0,38	Kw
Tj=bivalent temperature	2,50	Kw
Tj=operation limit	2,90	Kw

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

Tj	COPd
Tj=-7°C	2,73
Tj=2°C	3,97
Tj=7°C	4,76
Tj=12°C	5,95
Tj=bivalent temperature	2,13
Tj=operation limit	2,13

## Heating / Warmer Zone

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

Tj	Pdh	Kw
Tj=2°C	2,50	Kw
Tj=7°C	1,61	Kw
Tj=12°C	0,71	Kw
Tj=bivalent temperature	2,50	Kw
Tj=operation limit	2,90	Kw

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

Tj	COPd
Tj=2°C	3,50
Tj=7°C	4,61
Tj=12°C	5,95
Tj=bivalent temperature	3,35
Tj=operation limit	3,35

## Bivalent Temperature

Zone	Tbiv	°C
Heating / Average Zone	-10	°C
Heating / Warmer Zone	2	°C

## Operating Limit Temperature

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

## Electricity Data

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

Mode	Power	Kw
Off mode	P <sub>OFF</sub>	0,004 Kw
Standby mode	P <sub>SB</sub>	0,004 Kw
Thermostat off mode	P <sub>TO</sub>	0,004 Kw
Crankcase heater mode	P <sub>CK</sub>	0,0 Kw

Annual electricity consumption

Zone	Q <sub>CE</sub>	kWh/a
Cooling	143	kWh/a
Heating / Average Zone	Q <sub>HE</sub>	875 kWh/a
Heating / Warm Zone	Q <sub>HE</sub>	686 kWh/a

## Capacity control - Variable

Other Items

Item	Value	Unit
Sound power lever (indoor unit)	LWA 50	dB(A)
Sound power lever (outdoor unit)	LWA 60	dB(A)
Global warning potential	GWP 2087,5	Kg CO <sub>2</sub> eq
Rated air flow (indoor unit)	480	m <sup>3</sup> /h
Rated air flow (outdoor unit)	1600	m <sup>3</sup> /h

