

Indoor unit: L3VI-12

Outdoor unit: L3VO-12



Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	3,2 Kw	SEER 6,1
Heating / Average Zone	3,2 Kw	SCOP(A) 4,0
Heating / Warmer Zone	3,2 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	3,20	Kw
Tj=30°C	2,36	Kw
Tj=25°C	1,52	Kw
Tj=20°C	0,67	Kw

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

Tj	EERd
Tj=35°C	3,10
Tj=30°C	4,70
Tj=25°C	7,30
Tj=20°C	10,10

Heating / Average Zone

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

Tj	Pdh	Kw
Tj=-7°C	2,83	Kw
Tj=2°C	1,72	Kw
Tj=7°C	1,11	Kw
Tj=12°C	0,49	Kw
Tj=bivalent temperature	3,20	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	2,20
Tj=2°C	4,20
Tj=7°C	5,10
Tj=12°C	5,30
Tj=bivalent temperature	2,30
Tj=operation limit	2,30

Heating / Warmer Zone

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

Tj	Pdh	Kw
Tj=2°C	3,20	Kw
Tj=7°C	2,06	Kw
Tj=12°C	0,91	Kw
Tj=bivalent temperature	3,20	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	2,40
Tj=7°C	4,80
Tj=12°C	6,10
Tj=bivalent temperature	2,80
Tj=operation limit	2,50

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 _{OFF}	0,004 Kw
Standby mode	P _{SB}	0,004 Kw
Thermostat off mode	P _{TO}	0,002 Kw
Crankcase heater mode	P _{CK}	0,0 Kw

Annual electricity consumption

Zone	Q _{CE}	kWh/a
Cooling	184	kWh/a
Heating / Average Zone	1120	kWh/a
Heating / Warm Zone	878	kWh/a

Capacity control - Variable

Other Items

Item	Value	Unit
Sound power lever (indoor unit)	LWA 55	dB(A)
Sound power lever (outdoor unit)	LWA 61	dB(A)
Global warning potential	GWP 2087,5	Kg CO ₂ eq
Rated air flow (indoor unit)	560	m ³ /h
Rated air flow (outdoor unit)	1600	m ³ /h

