

Indoor unit: L3VI-16

Outdoor unit: L3VO-16



Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	4,6 Kw	SEER 6,1
Heating / Average Zone	3,3 Kw	SCOP(A) 4,0
Heating / Warmer Zone	3,3 Kw	SCOP(W) 5,1
Heating / Colder Zone	5,0 Kw	SCOP \odot 3,3

Cooling

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

Tj	Pdc	Kw
Tj=35°C	4,48	Kw
Tj=30°C	3,22	Kw
Tj=25°C	2,04	Kw
Tj=20°C	1,19	Kw

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

Tj	EERd
Tj=35°C	3,08
Tj=30°C	4,42
Tj=25°C	7,91
Tj=20°C	12,01

Heating / Average Zone

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

Tj	Pdh	Kw
Tj=-7°C	2,97	Kw
Tj=2°C	1,66	Kw
Tj=7°C	1,18	Kw
Tj=12°C	1,20	Kw
Tj=bivalent temperature	2,10	Kw
Tj=operation limit	1,73	Kw

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

Tj	COPd
Tj=-7°C	2,76
Tj=2°C	4,17
Tj=7°C	4,64
Tj=12°C	5,60
Tj=bivalent temperature	2,14
Tj=operation limit	1,84

Heating / Warmer Zone

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

Tj	Pdh	Kw
Tj=2°C	2,25	Kw
Tj=7°C	2,01	Kw
Tj=12°C	1,20	Kw
Tj=bivalent temperature	2,10	Kw
Tj=operation limit	1,73	Kw

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

Tj	COPd
Tj=2°C	3,86
Tj=7°C	5,13
Tj=12°C	5,60
Tj=bivalent temperature	2,14
Tj=operation limit	1,84

Bivalent Temperature

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

Operating Limit Temperature

Zone	Tol	Kw
Heating / Average Zone	-7	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} 0,00	Kw
Standby mode	P _{SB} 0,004	Kw
Thermostat off mode	P _{TO} 0,0007/0,0011	Kw
Crankcase heater mode	P _{CK} 0,0	Kw

Annual electricity consumption

Zone	Q _{CE}	kWh/a
Cooling	255	kWh/a
Heating / Average Zone	Q _{HE} 1791	kWh/a
Heating / Warm Zone	Q _{HE} 1458	kWh/a

Capacity control - Variable

Other Items

Item	Value	Unit
Sound power lever (indoor unit)	LWA 58	dB(A)
Sound power lever (outdoor unit)	LWA 63	dB(A)
Global warning potential	GWP 2087,5	Kg CO ₂ eq
Rated air flow (indoor unit)	850	m ³ /h
Rated air flow (outdoor unit)	2200	m ³ /h

