

Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	3,50	SEER 6,50
Heating / Average Zone	3,20	SCOP(A) 4,02
Heating / Warmer Zone	3,70	SCOP(W) 4,80
Heating / Colder Zone	- Kw	SCOP ^o -

Cooling

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

Tj	Pdc	Kw
Tj=35°C	3,500	Kw
Tj=30°C	2,522	Kw
Tj=25°C	1,595	Kw
Tj=20°C	0,951	Kw

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

Tj	EERd
Tj=35°C	3,69
Tj=30°C	5,25
Tj=25°C	8,12
Tj=20°C	12,53

Heating / Average Zone

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

Tj	Pdh	Kw
Tj=-7°C	2,831	Kw
Tj=2°C	1,738	Kw
Tj=7°C	1,158	Kw
Tj=12°C	1,144	Kw
Tj=bivalent temperature	2,831	Kw
Tj=operation limit	3,032	Kw

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

Tj	COPd
Tj=-7°C	2,88
Tj=2°C	4,05
Tj=7°C	4,70
Tj=12°C	5,63
Tj=bivalent temperature	2,88
Tj=operation limit	2,49

Heating / Warmer Zone

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

Tj	Pdh	Kw
Tj=2°C	3,700	Kw
Tj=7°C	2,513	Kw
Tj=12°C	1,153	Kw
Tj=bivalent temperature	3,700	Kw
Tj=operation limit	3,700	Kw

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

Tj	COPd
Tj=2°C	2,76
Tj=7°C	4,49
Tj=12°C	5,63
Tj=bivalent temperature	2,76
Tj=operation limit	2,76

Bivalent Temperature

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

Operating Limit Temperature

Zone	Tol	°C
Heating / Average Zone	-15	°C
Heating / Warmer Zone	-	°C

Electricity Data

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

Mode	Power	Kw
Off mode	P _{OFF}	0,008
Standby mode	P _{SB}	0,008
Thermostat off mode	P _{TO}	0,01
Crankcase heater mode	P _{CK}	0,0

Annual electricity consumption

Mode	Consumption	kWh/a
Cooling	Q _{CE}	188
Heating / Average Zone	Q _{HE}	1120

Capacity control - Variable

Other Items

Item	Value	Unit
Sound power lever (indoor unit)	LWA 56	dB(A)
Sound power lever (outdoor unit)	LWA 61	dB(A)
Global warning potential	GWP 675	Kg CO ₂ eq
Rated air flow (indoor unit)	600	m ³ /h
Rated air flow (outdoor unit)	2000	m ³ /h