

Indoor unit: NBO3-12IDU

Outdoor unit: NBO3-12ODU

NOBU

Function

Design Load

Seasonal Efficiency

Cooling	YES	Cooling	3,5	Kw	Cooling	SEER	6,1
Heating / Average Zone	YES	Heating / Average Zone	2,3	Kw	Heating / Average Zone	SCOP(A)	4,0
Heating / Warmer Zone	-	Heating / Warmer Zone	-	Kw	Heating / Warmer Zone	SCOP(W)	-
Heating / Colder Zone	-	Heating / Colder Zone	-	Kw	Heating / Colder Zone	SCOP©	-

Cooling

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

Tj=35°C	Pdc	3,707	Kw
Tj=30°C	Pdc	2,632	Kw
Tj=25°C	Pdc	1,677	Kw
Tj=20°C	Pdc	1,008	Kw

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

Tj=35°C	EERd	3,07
Tj=30°C	EERd	4,77
Tj=25°C	EERd	7,52
Tj=20°C	EERd	11,19

Heating / Average Zone

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

Tj=-7°C	Pdh	2,124	Kw
Tj=2°C	Pdh	1,325	Kw
Tj=7°C	Pdh	0,843	Kw
Tj=12°C	Pdh	0,696	Kw
Tj=bivalent temperature	Pdh	2,124	Kw
Tj=operation limit	Pdh	2,315	Kw

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

Tj=-7°C	COPd	2,99
Tj=2°C	COPd	4,11
Tj=7°C	COPd	4,50
Tj=12°C	COPd	4,69
Tj=bivalent temperature	COPd	2,99
Tj=operation limit	COPd	2,53

Heating / Warmer Zone

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

Tj=2°C	Pdh	-	Kw
Tj=7°C	Pdh	-	Kw
Tj=12°C	Pdh	-	Kw
Tj=bivalent temperature	Pdh	-	Kw
Tj=operation limit	Pdh	-	Kw

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

Tj=2°C	COPd	-
Tj=7°C	COPd	-
Tj=12°C	COPd	-
Tj=bivalent temperature	COPd	-
Tj=operation limit	COPd	-

Bivalent Temperature

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

Operating Limit Temperature

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

Electricity Data

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

Off mode	POFF	0,002	Kw
Standby mode	PSB	0,002	Kw
Thermostat off mode	PTO	0,022	Kw
Crankcase heater mode	PCK	0,0	Kw
Annual electricity consumption			
Cooling	QCE	153	kWh/a
Heating / Average Zone	QHE	762	kWh/a

Capacity control - Variable

Other Items

Sound power lever (indoor unit)	LWA	53	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)	-	-	m³/h
Rated air flow (outdoor unit)	-	-	m³/h

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