

Indoor unit: NBO3-09IDU

Outdoor unit: NBO3-09ODU

NOBU

Function

Design Load

Seasonal Efficiency

Cooling	YES	Cooling	2,6	Kw	Cooling	SEER	6,2
Heating / Average Zone	YES	Heating / Average Zone	2,1	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	2,854	Kw
Tj=30°C	Pdc	2,065	Kw
Tj=25°C	Pdc	1,326	Kw
Tj=20°C	Pdc	1,175	Kw

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

Tj=35°C	EERd	3,64
Tj=30°C	EERd	5,54
Tj=25°C	EERd	8,04
Tj=20°C	EERd	10,21

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	2,95
Tj=2°C	COPd	4,14
Tj=7°C	COPd	4,52
Tj=12°C	COPd	4,59
Tj=bivalent temperature	COPd	2,95
Tj=operation limit	COPd	2,65

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	-	Kw
Standby mode	PSB	0,001	Kw
Thermostat off mode	PTO	0,025	Kw
Crankcase heater mode	PCK	-	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	65	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