

LAGUNA BEACH RESORT – BUNGALOWS

Building specifications



○ Foundations

In accordance with the geotechnical evaluation undertaken, we have opted for individual footings, braced between each one by means of belts on the lower floor, in order to achieve the highest degree of seismic-resistance

○ Structure

The structure of the homes in this residential complex is intended to be undertaken with pillars, forged in one direction in concrete walls and prestressed joists in forged crawlspace. The remaining slabs will be made with reticular slabs of filter blocks and solid slabs both in the porches as well as in the terraces. We also intend to develop an earth-wire network.

○ Frontage

The exterior coating will be made of a ceramic ventilated façade combined with an architectural concrete panel, including a continuous insulation through the exterior enclosure.

The thermal insulation will be a thermal-acoustic insulation made of projected styrofoam.

Inside the terraces, the flooring and the vertical stretches will be ceramic wood design. The ventilated façade offers advantages comparing it with other solutions available in the market. The continuous insulation of the ventilated façade reduces the thermal bridges minimizing the energy losses.

The continuous air chamber, provides an ascending natural ventilation avoids the heat in put in the summer allowing the saving of cooling energy. Also, this chamber prevents the appearance of moisture inside the house. All together, provides a better energy saving and acoustic comfort.

○ Brickwork

The interior partition walls of each home will be completed with perforated brick and laminated plaster self-supporting double reinforcement, with thermal and accoustical insulation in both sides of the interior. The interior partition walls between the rooms will be completed with laminated plaster partition and two gypsum boards in both sides, and thermal and accoustical insulation in the inside.

○ Internal coating

We apply plastic paint over the plasterwork, finished with plaster. The false ceiling will be used in the bathroom for mounting and maintaining the installation of the air conditioningsystem.

○ Exterior flooring and tiling

There are 3 types of types of floor finishing. Type 1 Finish has a finish of exterior concrete with porcelain ceramic wood design of the type “Bolzano haya 20 x120 Navarti” Non slip threatment. Type 2 Finish of artificial lawn is of the highest quality.



○ Interior flooring and tiling

Porcelanic stoneware wood design flooring type “Bolzano Haya 20x120 Navarti” in bedrooms, living room, kitchen and hallways. Skirting boards painted in white colour.

Ceramic flooring of large size and the highest quality in bathrooms, different colours available upon customer’s choice.

Anti- impact acoustic insulation in all the floors of the property.

○ Joinery and exterior double glazing

Exterior aluminum joinery in the entire house with thermal bridge breaking in a graphite-grey colour. The windows will be double- glazed with a cavity wall with density of 3+3/c10/3+3 throughout the entire home. Access door to the home with an exterior finishing of the same colour as that of the remaining windows and security locks.

○ Basement Garage

Entrance door to garage, equipped with photoelectric cell exterior and interior, and automatic opening with remote control. Garage finished with polished concrete. Safety installation, ventilation, extraction of carbon dioxide, fire detection and protection of the garage.



○ Joinery and interior double glazing

Passage doors of Medium Density (MD) varnished in white with stainless steel door handles. Inbuilt wardrobes with sliding doors in the same finish as those of the passage doors. Interior lined cabinet with drawers.

○ Electricity

The property includes video entry phone, electronic devices of the highest quality Schneider brand type Legrand white or similar color. Communal TV antenna with broadcasting system and centralized installation redesigned for the introduction of satellite channels. TV power outlets and telephone outlets in the living room, bedrooms and kitchen. All the devices will be installed in compliance with the current telecommunications laws.

○ Exterior locks

Security gates in the enclosed grounds made of varnished perforated sheets, the same as the exterior joinery (aluminum and glass).

○ Communal areas

Lighting of communal spaces with presence sensors and energy efficient lights, stairs with independent access in every floor.

Communal beach style swimming pool with areas for children and hammock areas for adults.



- **Kitchen**

Completely furnished with cupboards on lower and upper levels, self-closing drawers, extractor fan, kitchen sink with one stand, worktop of compact-type or similar, installation for a dishwasher. Serving-hatch bar fitted with an aluminium support, finished in compact-type or similar with halogen lighting.

- **Air conditioning**

Pre-installation for air conditioning (cold-hot) in the living room and bathrooms, via conduits, with high-density rigid panels of natural mineral wool with an exterior surface lined with KRAFT-ALUMINUM SHEETS reinforced with a fiberglass net.

- **Telecommunications**

Installation of an ASTRA satellite dish and an individual digital satellite receiver with capacity for over 200 open channels and expansion slot to insert a PCMIA card for coded private-paid channels.

- **Rooftop terrace**

With shower, sink and light power outlet.

- **Residential complex**

Enclosed perimeter with industrial wall and locks, with access gates in the entranceways. The residential complex includes gardens, open spaces to have a walk, etc.



○ Plumbing and sanitation

Interior installation in the home with approved Random Copolymer Polypropylene tubing (PP-R), affixed to the wall. The thermal insulation of domestic hot water supply via an elastomeric-sponge insulation jacket.

Bathroom type: Villeroy toilet and seat of model “Targa Arquitectura”, Kombifix cistern Geberit, switch Geberit of model “Sigma 01”, Three sink valve, sink, Kassandra screen shower model “TR503”, shower column Kassandra model Carola 2”.

Aerator in compliance with



IMPORTANT

The developer reserves the right to modify or change at any time the materials, models and distribution of this document for similar ones for technical reasons.

The information contained in this document is merely informative and promotional and has no contractual nature.

The promotion will be executed following the existing basic rules of building and special CTE regulations.

NUOS EVO



/ BOMBA DE CALOR MURAL COMPACTA
PARA AGUA CALIENTE SANITARIA

- Rango de trabajo en modo bomba de calor con temperatura del aire entre - 5 y 42°C.
- Gas ecológico R134a que permite alcanzar una temperatura del agua hasta 62°C en modo bomba de calor.
- Condensador exterior al depósito (no está en contacto directo con el agua)
- Función “SILENT” reduce el impacto sonoro al mínimo
- Calderín de acero vitrificado al titanio
- Resistencia integrada de apoyo
- Doble ánodo, uno activo PROTECH que no necesita mantenimiento y uno de magnesio
- Display LCD
- Funciones: GREEN, AUTO, BOOST, BOOST2, programación horaria, VOYAGE y antilegionela
- Extensión de Garantía Total a 3 años



DETALLES TÉCNICOS

		NUOS 80 EVO	NUOS 100 EVO
Capacidad nominal	l	80	100
Potencia eléctrica disponible (modo bomba de calor)	W	2700	2700
COP a 15°C (EN12454)		2.70	2.70
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Tiempo de calentamiento, aire a 15°C (EN12454)	h:min	12:40	16:00
Cantidad máx. agua a 40°C en una extracción única (EN12454)	l	80	100
Temperatura máxima bomba de calor	°C	50.00 (Máx.)	50.00 (Máx.)
Temperatura mín. máx. máx.	°C	5.00	5.00
Referencia máx. eléctrica	W	1200	1200
Caudal de agua nominal	m³/h	100.000	100.000
Volumen mínimo del bañi (red. en conductos aeri)	m³	20	20
Potencia resistencia	W	1200	1200
Temperatura máx. resistencia	°C	75.00 (Máx.)	75.00 (Máx.)
Potencia máxima (EN12454)	W	120	120
Peso máx. de apoyo	kg	50	50

DIMENSIONES

a	mm	1271	1288
b	mm	375	375
c	mm	890	1007

NUOS EVO	80 EVO	100 EVO
Clase Tip	A	A
Perfil de consumo	55	55
Código	3623293	3623291

EN12454 Temp. agua fría 15°C, Temp. calentamiento 50°C

LEYENDA:
 E: Entrada agua fría G 3/2"
 S: Salida agua caliente G 3/2"
 C: Conexión descarga de condensador



EXTRAS

o Heat Pump

Installation of two machines type LG-18 and LG-24 for the interior of the house.

o Underfloor heating with touch digital thermostat

o Underfloor heating for the whole house

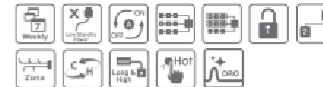


CONDUCTOS BAJA SILUETA - INVERTER



Modelo		Capacidad nominal (W)		Consumo nominal (W)		E.E.R.	C.O.P.	S.E.E.R.	S.C.O.P.	Clasif. Energética**		Dimensiones (alxanxpr)		Líneas frigor. (")		Precio cesión
Interior	Exterior	Frio	Calor	Frio	Calor	(W/W)	(W/W)	(W/W)	(W/W)	Frio	Calor	Interior (mm)	Exterior (mm)	Liq.	Gas	
CB12L N22'	UU12W ULD'	3.400	4.000	1.000	1.000	3,41	3,81	5,61	3,81	A+	A	190x700x700	540x770x245	1/4	3/8	1.735 €
CB18L N22'	UU18W UE2'	5.000	6.000	1.600	1.800	3,11	3,41	4,61	3,81	B	A	190x700x700	655x870x320	1/4	1/2	2.090 €
CB24L N32'	UU24W U42'	7.100	8.000	2.400	2.200	3,01	3,61	5,11	3,81	A	A	190x1100x700	834x950x330	3/8	5/8	2.590 €

CONDUCTOS - INVERTER (monofásico)



Modelo		Capacidad nominal (W)		Consumo nominal (W)		E.E.R.	C.O.P.	S.E.E.R.	S.C.O.P.	Clasif. Energética**		Dimensiones (alxanxpr)		Líneas frigor. (")		Precio cesión
Interior	Exterior	Frio	Calor	Frio	Calor	(W/W)	(W/W)	(W/W)	(W/W)	Frio	Calor	Interior (mm)	Exterior (mm)	Liq.	Gas	
CM18 N14'	UU18W UE2'	5.000	6.000	1.460	1.660	3,41	3,61	5,11	3,81	A	A	270x900x700	655x870x320	1/4	1/2	2.005 €
CM24 N14'	UU24W U42'	7.100	8.000	2.280	2.490	3,11	3,21	5,21	3,81	A	A	270x900x700	834x950x330	3/8	5/8	2.380 €
UM30 N14'	UU30W U42'	7.800	9.000	2.220	2.430	3,51	3,70	5,71	4,01	A+	A+	270x900x700	834x950x330	3/8	5/8	2.855 €
UM36 N24'	UU36W U02'	10.000	11.200	3.120	3.190	3,21	3,51	5,11	3,81	A	A	270x1.250x700	1.170x950x330	3/8	5/8	3.305 €
UM42 N24'	UU42W U32'	12.100	14.000	3.760	3.860	3,22	3,63	-	-	A	A	270x1.250x700	1.380x950x330	3/8	5/8	3.865 €
UM48 N34'	UU48W U32'	14.000	15.800	4.100	4.390	3,41	3,60	-	-	A	A	360x1.250x700	1.380x950x330	3/8	5/8	4.660 €
UM60 N34'	UU60W U32'	15.000	16.800	4.530	4.790	3,31	3,51	-	-	A	B	360x1.250x700	1.380x950x330	3/8	5/8	6.090 €