Heating

Product Information

COASTAL PROTECTION MODELS (-BS)

PUHZ-(H)W50-140VHA(2)/YHA2-BS Monobloc Range

PUHZ-SW50-120VKA/VHA-BS Split Range

Making a World of Difference

The Ecodan coastal models are designed to protect against the corrosive effects of environments that are in close proximity to the sea

By enhancing the corrosion protection of key components, we can ensure that even in aggressive coastal areas, Ecodan will continue to provide low cost renewable heating for years to come.

Key Features

- Available for all models
- No change in performance characteristics

MITSUBISHI ELECTRIC

Air Conditioning | Heating
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ecodan®
Renewable Heating Technology

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Making a World of Difference

It is well known that salt spray from breaking waves and onshore winds significantly accelerates the corrosion of metal components.

The spray from the ocean salts, which are primarily sodium chloride (table salt), can accumulate on metal surfaces and accelerate the electrochemical reactions that cause corrosion. This salt build up combined with the high humidity common to all coastal areas adds to the corrosion rate of steel and other common metals.

The longer a surface remains damp during normal daily fluctuations in humidity, the higher the corrosion rate. Onshore winds carry both salt and moisture inland, providing the perfect environment for corrosion to set in.

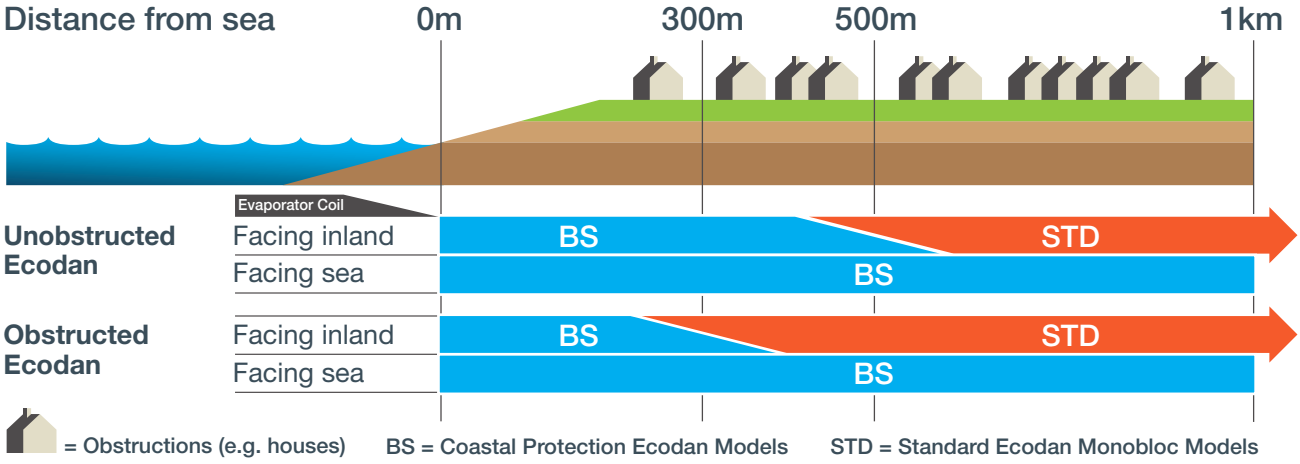
The standard Ecodan models come with excellent corrosion resistance. However, the Coastal Protection Ecodan models go a step further by treating external panels with acrylic resin and also ensuring other key elements of the unit are further protected from these aggressive environments.

Application Guide

Tips for coastal installations

- If possible avoid siting the Ecodan in direct exposure to sea spray
- Ensure rain water is able to fall onto the Ecodan and avoid placement directly under building eaves
- Ensure horizontal installation for good drainage
- Regular inspections and washing of unit with fresh water is recommended. Any scratches should be repaired as soon as possible

Recommended Ecodan Model



MITSUBISHI ELECTRIC
Changes for the Better

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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).