

CASE STUDY

AirGO and Ecotank Heat Pumps

Horse and Hound Pub & Guest House

Client Objective:

The Horse & Hound Pub in Delgany, Co Wicklow recently renovated and expanded to include a Guest House. Due to the vintage of the building (C.1790) Glenergy were approached to provide space and DHW heating solutions suitable for a building of this age but also suitable for a commercial hospitality business keen to cut energy costs.

Solution:

Space Heating with Air GO heat pumps.

The AirGo heat pump system was perfect for the Horse and Hound. Easily bolted on to the existing heating system it combines the advantages of Air to Water heat pump technology with Geo Thermal in a low maintenance package. There are no fans in the AirGO so there are far fewer moving parts than conventional heat pumps to worry about. Combined with Glenergy's low profile Underfloor Heating system the AirGO system keeps the entire Horse and Hound building at a constant 20°C which is something guests find remarkable.

DHW heating with Ecotank Heat Pumps.

Hot water is incredibly important to the Horse and Hound both in their pub and restaurant and in the Guest House. 3 x 300L Ecotank Hot Water Heat pumps provide hot water to the building. The heat pump process also produces cooled air as a by-product which is used to provide free cooling to the keg and bottle store.

Finances:

Using the AirGO the space heating running costs are 50% cheaper than using Oil or LPG to provide the same service.

Hot water production costs are reduced by 66% with the Ecotank Hot Water heat pumps

