

REDUCING ENERGY ON DAIRY FARMS

Glenergy SMAX Dairy Farm Heat Pump

What is it?

The Glenergy Dairy Farm Heat Pump is the easiest way to reduce water heating costs on a Dairy Farm. Using air to water heat pump technology our dairy farm heat pump **produces hot water up to 80 DegC** at the lowest cost available.

Why use it?

Most Dairy Farms in Ireland use a standard electric immersion to produce hot water, this is a costly and inefficient way of heating water.

The Glenergy Dairy Farm Heat Pump on the other hand is the most efficient way to heat water available and will produce 80 DegC **hot water at 50% of the cost** of a standard electric water heating system and produce 65 DegC hot water with savings of 66%.

How it works

Using air to water heat pump technology the Dairy Farm Heat Pump takes energy from the air and produces hot water via a heat pump compression cycle.

It can utilize air at any temperature down to – 7 DegC so can be easily installed in any Dairy Farm setting. Further efficiencies can be achieved by using wasted heated air from a compressor room or similar.

The system can be installed by any competent plumber or by Glenergy's installation service.

System Costs:

- **Costs:** 450L unit €3500 ex VAT (supply)
- TAMSII eligible for Dairy Equipment Scheme Grant: €570 approx.

DAIRY FARM HEAT PUMP



<https://www.youtube.com/watch?v=-ft8KfVSqfU>