

LPG




# Hot Water in an Instant

**James Taylor**  
Dairy Farmer Portrush

In conjunction with



A man with short, light brown hair, wearing a blue jacket over a green vest and a grey t-shirt, stands in a field with his arms crossed. The background shows a green field under a cloudy sky.

**“We decided to opt for the Flogas hot water solution as the team was so helpful in not only explaining the benefits of the system to our farm but also in advising on tank and water heater siting. It fitted well with what we wanted to achieve on the farm. ”**

James Taylor



# James Taylor Dairy Farm Portrush

## The Challenge

James Taylor farms 500 acres of land on the edge of Portrush, and some of the land has been in his family since his great-grandparents moved there in 1918. The present business was started by his grandparents in 1949 and it is now run by James in partnership with his parents. Traditionally a beef finishing operation with a little arable crop as well, the family decided to move into spring calf dairying a couple of years ago.

In February 2020, the farm began calving and milking from a herd of 260 crossbred dairy heifers. The family decided to install a 50-point rotary parlour because it was the quickest and most efficient way to milk their dairy cattle. They were also searching for a similarly efficient solution for their hot water requirements across the entire farm.

## The Flogas Solution

James was introduced to the concept of the Flogas Instant Hot Water system by Andy Graham of Tankcare (part of the Dale Farm Cooperative). Tankcare has partnered with Flogas to install LPG hot water solutions on several member farms. Attracted by the efficiency and on-demand benefits of the system, James was introduced by Andy to Craig Johnston, the local Flogas area sales executive. Craig was able to give James a lot of helpful advice on how the system would work for all his family farm's hot water needs.

James said: "We decided to opt for the Flogas hot water solution as the team were so helpful in not only explaining the benefits of the system to our farm but also in advising on tank and water heater siting. It fitted well with what we wanted to achieve on the farm".

*“After milking we run a wash through the milking plant, then we drop the temperature down to 40°C to give us water to mix milk for feeding calves. After this, it’s back up to 85°C again for washing down the calf feeding equipment. The system will be of great benefit to the health of our calves”.*

**James Taylor**

## The Installation Process

Craig Johnston and a registered Gas Safe Engineer did a site walkthrough and advised on the best location to install the hot water heater units. A Flogas bulk LPG tank was delivered and sited and then connected to three wall-mounted hot water heaters. Since then, the family hasn’t looked back.



### Want to find out more?

Contact Flogas today to request a free farm visit from your local area representative, discuss your requirements and receive a quotation.

[www.flogasni.com/dairy](http://www.flogasni.com/dairy)

\*Calculations based on energy prices of LPG & Electricity at time of case study (Jan 2016)



“Instant, on demand, hot water from Flogas is a very efficient way for Dale Farm members to have the quantity of hot water they need, at the exact time they need it – there is no wastage, and the temperature control allows farmers to use the one system for a number of applications. The support from Flogas is great, which is why we are happy to recommend it across our farms.”

**Andy Graham, Tankcare**

## Flogas and Tankcare Partnership

Flogas and Tankcare, part of the Dale Farm Cooperative, have collaborated to offer the Flogas Instant Hot Water system to Dale Farm dairy farmers across the country.

“The farm has three water heaters which provides the family with enough instant hot water to maintain cleanliness across the milking and calving process.”

Craig Johnston, Area Sales Executive.

“I wouldn’t hesitate to recommend Flogas to other dairy farms.” James Taylor



## Results

On demand hot water delivering temperatures from **37°C to 85°C**

**Automated gas delivery**

**No hot water storage costs** day or night

**Reduced carbon footprint** and full control of the amount of hot water that is used

**Reliable and secure** source of hot water

The heater is located outside the parlour and **noise levels are minimal.**

## Contact Flogas for free site visit

To quote the savings that will be made (Energy Survey)

To carry out tank location assessment

To draw up a proposal and pricing

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**FlogasIreland**