



## Client D&F McCarthy Ltd

### Nature of client business

D & F McCarthy Ltd is East Anglia's leading wholesaler of fresh fruit and vegetables, boasting the expertise of over 135 years' experience in the market.

**Project Location:** Norwich, Norfolk

### Scope of job

Adcock was introduced to the client via a local consultant and for this project they employed a specialist project management team who had also used us previously who specified Adcock to carry out the work.

We were asked to design, supply and install a custom Food Safe 304 grade Stainless Steel Water Cooler and bespoke inter-locking controls and connect to an existing refrigeration pack system.

The water cooler is used to chill the recirculated wash water for prepared vegetables as they pass through the washer from low care into high care. This will rapidly remove any field heat from the vegetables reducing them towards the ideal storage temperature target of 2°C. This will extend the shelf-life of the products and keep them looking fresher for longer.

**Timing:** November 2015

### What the project entailed

The customer wished to avoid the complication of a water plate heat exchanger and pump sets. Therefore we were able to design and supply an alternative bespoke water cooling coil to be installed inside the existing vegetable wash cooling tank.

It was also important that the water cooler materials were food safe and manufactured from 304 Stainless Steel so we designed a bespoke cooler that would meet all client requirements.

### What we brought to the job:

Adcock has a long history of working in and supplying equipment for food processing which was beneficial. In

addition we have the technical expertise to work on and alter large complex refrigeration systems. We also have a long history of design knowledge allowing us to tailor a specific solution to customer requirements.

### Equipment installed

We supplied a bespoke Coolers & Condensers water immersed cooler, manufactured in 304 Stainless Steel complete with inter-connecting refrigeration pipework and controls.

This is all controlled and interfaced to the existing controls panel via a bespoke 304 Stainless Steel custom built control panel.

### Testimonial

*From the initial discussions about the project concept through to final delivery and commissioning, the Adcock team demonstrated a professional, customer focussed approach. Any questions that arose were dealt with promptly and working collaboratively with a number of additional, associated contractors meant that the project was delivered both on time and on budget with minimal plant down time. As a business we would be happy to work with, and to recommend Adcock for any future refrigeration projects.*

From Padgate Services  
Principal engineering contractor for D&F McCarthy's

