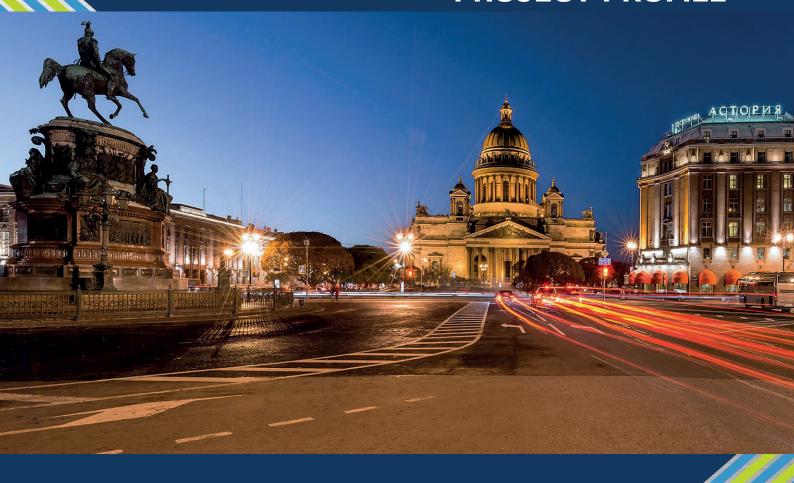


FOOD PRODUCTION FACILITY ST PETERSBURG

PROJECT PROFILE





66 The technical and manufacturing expertise of the MP team made 🧦 🤊 such a huge project seem simple and straightforward and logistically the delivery and installation phase was seamless.

CHALLENGES:

Mansfield Pollard's specialist Kitchen Ventilation team were called upon to design, manufacture, export install a 'super' canopy at a new chilled production facility in food Petersburg, Russia.

Situated 3.7 metres above finished floor level, the canopy was to run the full length of the facility and due to the required extract volume necessiated a canopy width of over 4 metres.

In addition to the remote location and sheer scale of the task, the design had to enhance the canopy's containment efficiency and minimise operating costs.











OUR SOLUTION:

The experienced engineering team at Pollard designed Mansfield manufactured a fully bespoke 32 metre continuous extract and supply canopy.

64 integral baffle filters were required to handle an extract volume in excess of 19m³/s.

The canopy also incorporated an insulated supply air plenum to 3.8m³/s of inboard introduce air through a full length linear slot.

A combination of modular and flat pack construction guaranteed efficient export and fast on-site build.



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