

## Technowash AQF300/4 Multi Stage Conveyor Cleaning Line



Stock No	<a href="#">DF1607J</a>
Manufacturer	<a href="#">Technowash</a>
Model	AQF300/4
Year of Manufacture	2013
Serial	51075
Condition	From a working environment, Good Condition
Work Envelope (WxDxH mm)	300 x 6000 belt length x 300
Process Stages	4 Stage
Other Info	Multiple jets for all stages
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	6000 x 1600 x 2650

### Description

This Technowash AQF 300/4 is designed for industrial parts washing with unparalleled precision cleaning for all types of component parts, finished or semi-finished. The process stages are blow off, hot aqueous spray jet washing, blow off, hot jet rinse, blow off jets and air knife blow off. There are two vent points connected by ducting and a bifurcated fan for the steam and fume extraction.

### Operation

The components are fed through the washing machine on a stainless steel conveyor belt. The first stage of the process is

an array of air jets set up to blow off any loose debris before the wash stage. High pressure heated cleaning fluid is then sprayed onto the components from all angles as the parts pass the multi jet system, any dirt is washed off before the air blast cleans away any residual wash solution.

The parts then pass through the rinsing high pressure jets to swill off any remaining cleaning solution and debris before passing through the final stage where the parts are subjected to high pressure air blasting from multiple air jet nozzles and air knives to leave the components clean and dry.

### Current Fixture and Track Restrictions

All the fixtures and track restrictions can be upgraded to the standard specifications resulting in a full width track of 300mm and a height of up to 300mm

### Specifications

- Stainless steel construction
- Siemens programmable controller
- Digital temperature controllers for wash and for rinse tanks
- 4 x 12 kW heaters.
- 4 x pumps, for wash, rinse and waste tank emptying ( 3kW // 4Hp each pump)
- Lowara pumps 25M<sup>3</sup>/Hr Max. flow rate

### Wash Tank

- 1100mm x 800mm x 400mm
- 350 Litres approx
- Twin heating elements
- Inline filter

### Rinse Tank

- 1100mm x 500mm x 350mm
- 200 Litres approx
- Twin heating elements
- Inline filter

### Waste Tank

- 850mm x 500mm x 400mm
- 170 Litres approx

**Please Note:** This machine is currently configured to clean components up to 85mm wide and up to 100mm tall

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*Machine Datasheet*



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