

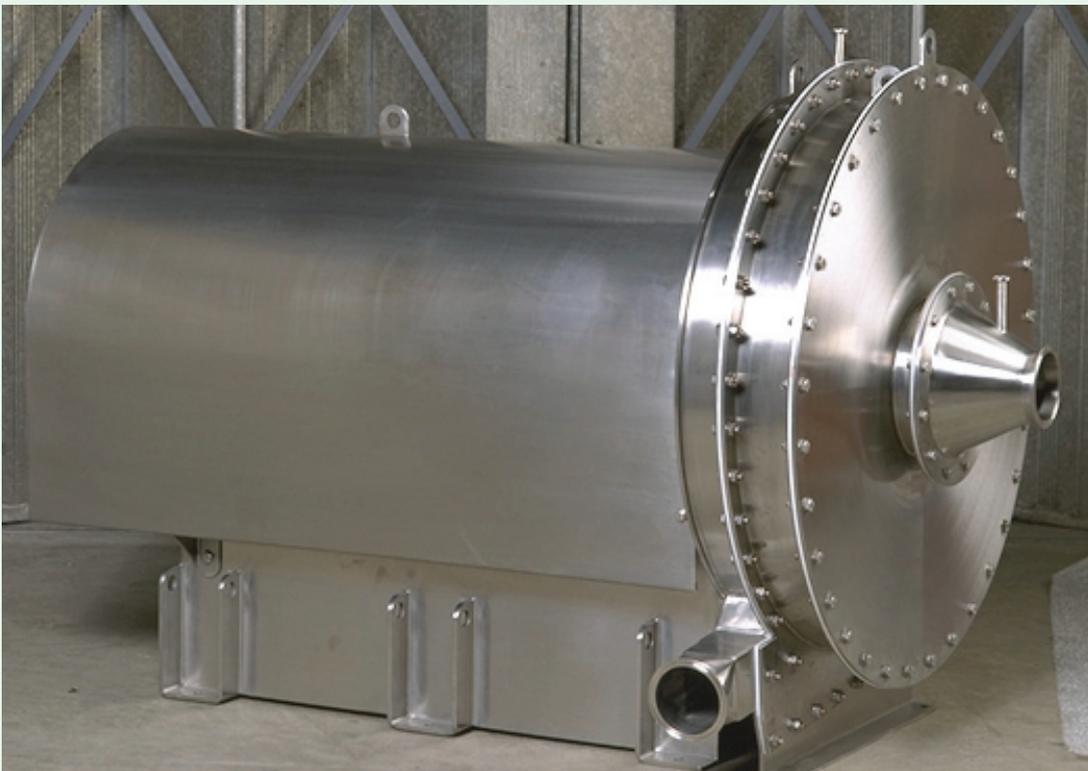


case study



## Easy-clean fan assembly for pharmaceutical application

Halifax Fan is no stranger to the high-specification demands of the pharmaceutical industry and, recognized for the quality of its engineering, is frequently called upon for bespoke solutions to demanding applications.



*Halifax two-stage fan assembly, encased with a removable, polished, stainless steel shroud.*

This industry has specific demands that few others have. Raw ingredient costs are substantially higher than in most other industries and consequently downtime leading to lost batches of product is inordinately expensive so plant reliability must be of the highest order. The health and safety implications of cleanliness to the quality of the final product are crucial, so any risk of contamination must be virtually eliminated.

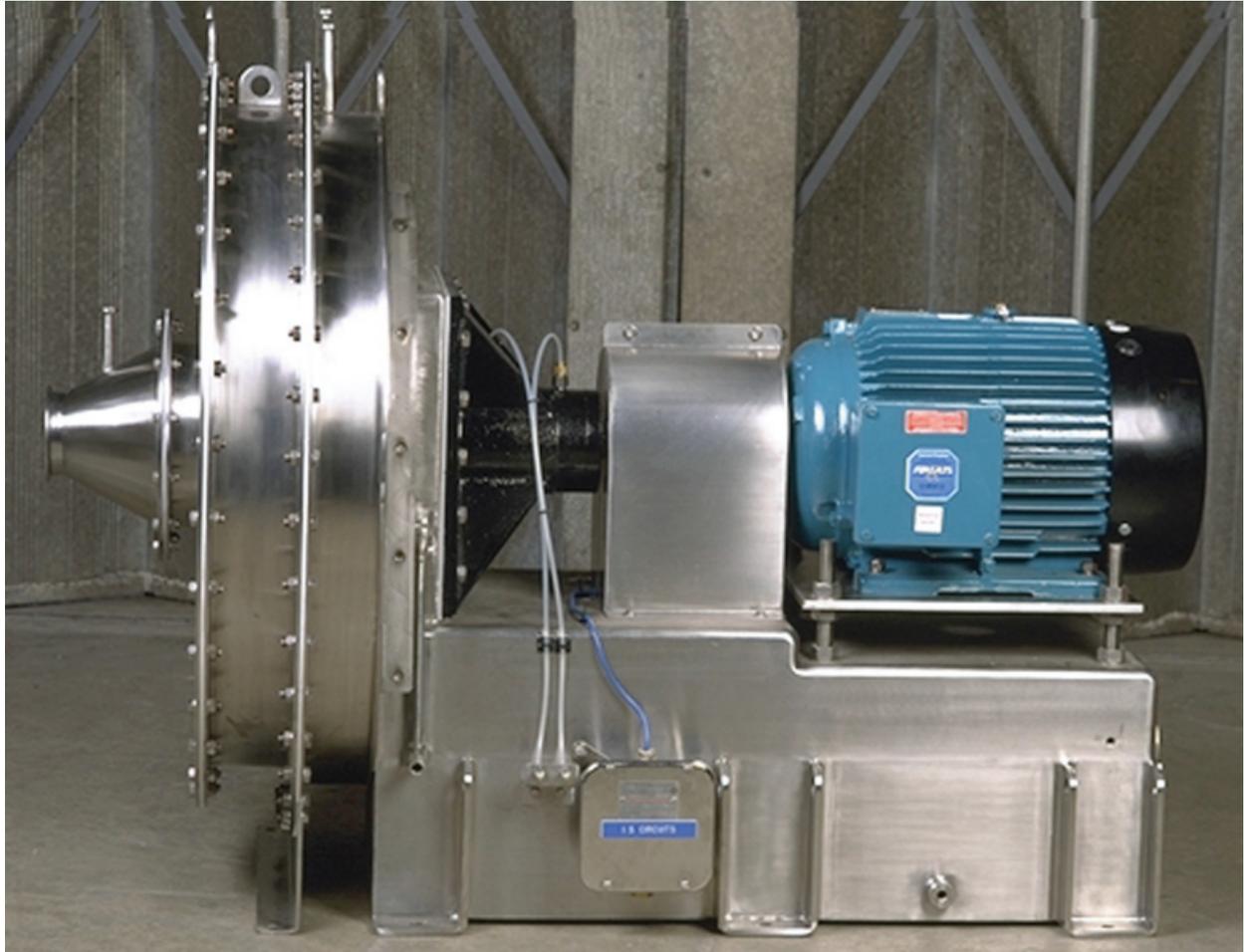
In this custom design for a pharmaceutical industry client, the motor and bearing cartridge of a Halifax two-stage fan assembly were encased with a removable, polished, stainless steel shroud. This facilitated easy access and strip-down for frequent cleaning and maintenance. Stainless steel was used rather than a special paint finish as the best solution to eliminate any risk of contamination.

By accepting the management of this solution as a complete design, manufacture and test project, Halifax freed-up the client to concentrate on other engineering matters on the new plant under construction.



 **halifax fan**

case study 10



*Stainless encasing removed to access two-stage fan assembly*

#### Application benefits

- Polished stainless steel construction for ultimate cleanliness
- Crack and crevice free construction - no hiding place for contaminants
- Easy strip design for maintenance and cleaning
- Bespoke design based upon proven Halifax Fan technology

#### Halifax Fan Limited

Mistral Works, Unit 11, Brookfoot Business Park, Elland Road, Brighouse, West Yorkshire, HD6 2SD, UK  
T: +44 (0)1484 475123 F: +44 (0)1484 475122 E: sales@halifax-fan.co.uk

#### Halifax-Fan (Shenzhen) Co Ltd

1 & 2F, No. 4 Building, Creative Industrial Park, Shang Xia Wei, ShaJing, ShenZhen, GuangDong Province, China  
Telephone No. 0086 755 8149 0059 Fax No. 0086 755 8149 0019

[www.halifax-fan.co.uk](http://www.halifax-fan.co.uk)

Produced by Kirk-MarCom Ltd e: eddie@kirk-marcom.com