



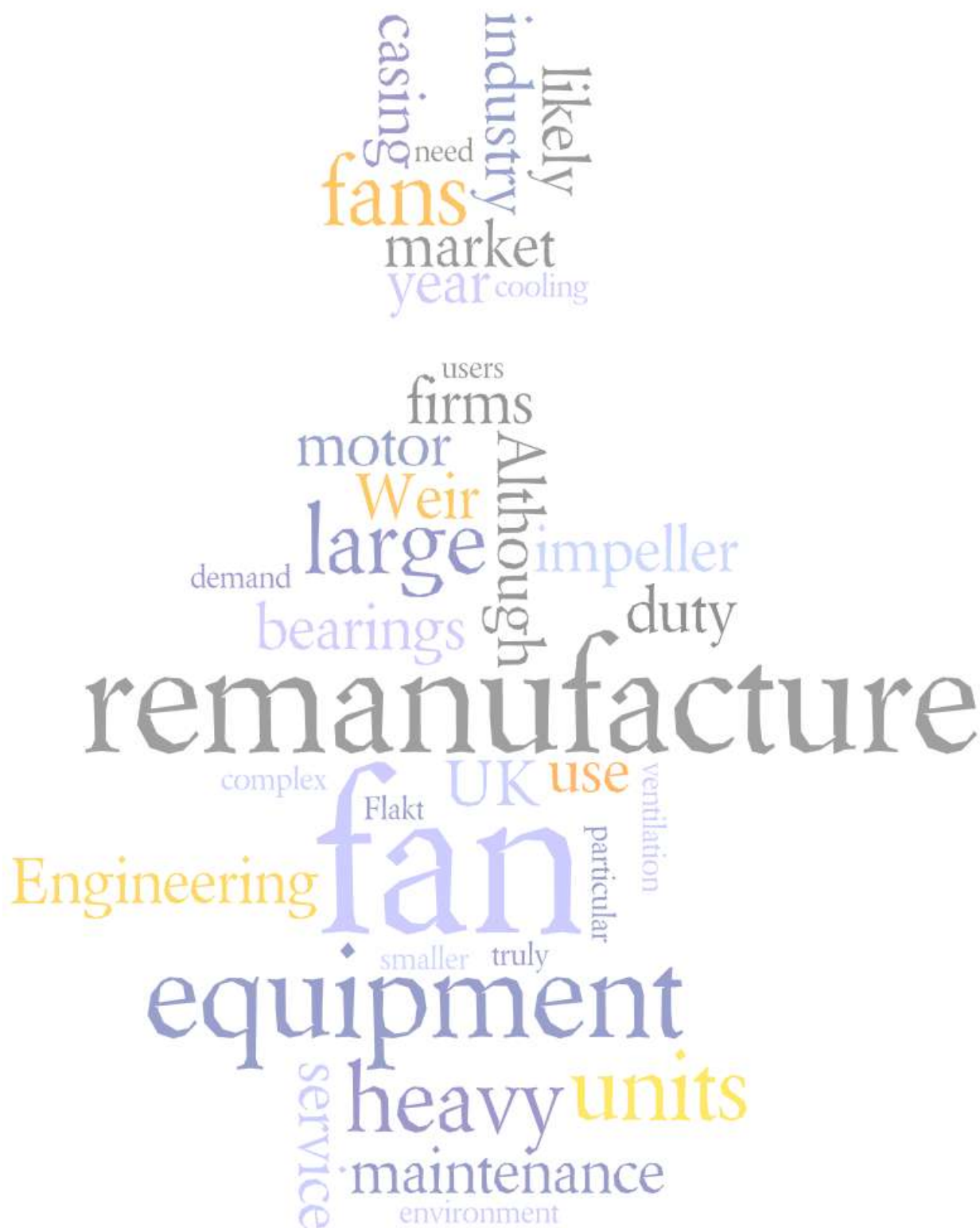
# Product Group Report: Fans

An assessment of the remanufacture of fans for  
ventilation duties in the UK.

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# Overview

Remanufacture of fans is extremely rare in the UK. There is no single reason for this; both industry makeup and the product itself are contributing factors. Consequently, there are no dedicated fan remanufacturers operating in the UK. The only firms who will undertake fan remanufacture are large engineering firms such as Weir Engineering or Flakt Woods which specialise in the service and remanufacture of industrial equipment of all varieties. Although they will remanufacture fans, their intake of jobs is very low.

In most cases, the fan is not truly remanufactured, as only the motor and bearings are replaced. The fan casing and impeller rarely require maintenance, if ever. If a fan has been correctly selected for its environment, the casing and impeller should give year after year of trouble free use. With the decline of heavy industry, mining in particular, the demand for large, heavy duty fans has decreased. The majority of the market is now concentrated in smaller or less robust units for ventilation of factories. There is also a market in equipment cooling and for use in scientific equipment. Although regular servicing of the bearings and motor is important, the likely hood of a fan requiring full remanufacture is small.

Whilst there will be need for some users of fan equipment to remanufacture their units, these will most likely be very large heavy duty units which are imbedded in a complex plant and cannot be removed. This sort of user will undoubtedly have an existing agreement with a service organisation such as Weir Engineering to carry out its maintenance.

