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Disa (Norican) Norfab FKE-A-06/6 Reverse Pulse Extractor



Stock Code: EV1447

Manufacturer: Disa (Norican)

Model: FKE-A-06/6

Year of Manufacture: 1998

Serial: 1062

New or Used: Used (Second Hand)

Approx Duty CFM / M³/Hr : 4000 // 6800

Filter Area ft² / m²: 600 // 60

Weight: 495

External Dimensions (WxDxH): 2030 X 1220 X 3690

FKE-A-06/6 Pocket Baghouse Reverse Jet Filter
The FKE range of filters are traditional cloth reverse jet filters that achieve efficiencies of up to 99.99%.

A major design features of the filter are the heavy duty welded construction, coupled with the dust laden air inlet which takes the form of a dust pre-separation chamber ensuring that the bulk of the dust is collected and separated before reaching the filters.

The system also utilises an improved filter bag and cage design to enhance pulse cleaning and the release of the contaminants.



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Principle of Operation

Contaminated air is drawn through the filter elements and contaminant collects on the outer surface of the filter elements.

Cleaning of filter elements is achieved by pulsing compressed air through jet tubes mounted on the clean side of the filter from above that increase the air volume by injected into the filter elements.

The momentary reversal of air-flow caused by the 'air pulse' creates an expansion of the filter element which is sufficient to break and dislodge the matrix of contaminant which has collected on the outer surface of the filter element and deposits them into the dust collection bin.

The unit is currently fitted with a separate 11kW fan set producing approximately 4000 cfm of extraction, but with the inclusion of a larger fan the filter housing is capable of extraction rates of up to 6000 cfm. This high filter area to air volume ratio lends itself to use on light high dust loadings that would normally blind the filters of smaller machines.

Fan dimensions

1330 X 1000 X 1150 mm

View Disa (Norican) Norfab FKE-A-06/6 Reverse Pulse Extractor on our web site at <http://www.rileysurfaceworld.co.uk/machines/27254.htm>

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.

