

# JAFIL90

Version 13032017

## Dye Penetrant Water Filtration Unit

JAFIL90 is a complete filtration system designed to process water containing Hydrocarbon contaminates. Hydrocarbon contaminates are a byproduct of using dye penetrants and are typically environmentally hazardous which can make it difficult to dispose of them. JAFIL90 uses Carbon filter bags which are easily replaceable bags filled with small active Carbon granules to filter these chemicals and allows the processed water which is then environmentally safe to be disposed via a foul drain.



### Key Features

<b>Input</b>	230VAC
<b>Processing Rate/Hr</b>	90 Litres
<b>Filter Life</b>	270 Hr
<b>Floor Space</b>	1870 x 900 mm

## Technical Information

Ideal for any industrial application where dye penetrants are being used daily. Self-contained and portable unit is easy to re-site if required. Easy to install and requires low maintenance.

Will remove more than 98% of contaminants in a single treatment cycle.

Fully automated when connected to a wash/drain station and is a pumped system to maximise processing volume. JAFIL90 can process 90 Litres of fluid an hour.

Carbon filter bags will typically last up to 270 processing hours. JAFIL90 is fitted with a countdown timer to notify operators when saturation levels should be checked which can be adjusted to suit waste concentration. JAFIL90 includes a sight glass with built-in UV light so saturation levels can be checked.

The filtration towers are made from Polypropylene making them strong and robust. The tower lids can be removed so the custom made Carbon filter bags can easily be replaced once saturated.

Safeguard float switches mounted on the receiver and header tanks to prevent overflowing with audible alarm and warning lights to notify operators when system is at maximum capacity.

Stainless steel frame and holding tanks means that JAFIL90 has a long product life.

Simple yet effective design requiring only occasional filter bag changes with no pre-treatment fluids or specialised cleaning regimes necessary. This makes JAFIL90 comparatively cheaper than ultra-filtration units while achieving similar results.

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