Ryeford Engineering Pre-Inspection Wash Tank and Pall Stainless Steel Filter Housing

Stock No	DA1415
Manufacturer	Ryeford Engineering
Model	Pall LBV64
Year of Manufacture	2003
Condition	From a working environment, Seen working by RSW, Excellent Condition
Work Envelope (WxDxH mm)	700 x 700 x 700
Process Stages	1
Other Info	Pall filter model LBV 64 2"
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	200
External Dimensions (WxDxH mm)	2500 x 750 x 1580

Description

Pre Inspection Manual Wash Tank with **Pall Stainless Steel Filter Housing**

Work table starts in the load position where parts are laid out for initial debris removal, work table is then moved to an enclosed spray position.
Parts are then manually cleaned by operator with hand held spray lance.

- Mild steel construction.

- Shuttle trolley is 470mm x 445mm x max height of 500mm.
- External tank dimensions: 2500mm x 750mm x 1580mm.

Pall Stainless Steel Filter Housing
Cartridge Filter - LBV range
Model LBV 64

- Application: non dangerous liquids (V-clamp closure)
- Cartridge array from 3 to 36 pieces 10" equivalent
- Can be fitted with synthetic cartridges DOE, M3
- V-Clamp closure for quick maintenance (Max. 6 bar at 60°C)
- Easy cartridges change-out thanks to mid-height housing opening
- Bottom outlet permits complete drainage
- 316L stainless steel construction
- Cover O-ring : nitrile (option : viton)
- Adjustable 316L legs

Flow rate at 1 - 5 microns:

- 19 m³/h Pleated Cartridge
- 17 m³/h Depth Cartridge

Flow rate at + de 10 microns:

- 19 m³/h Depth Cartridge
- 17 m³/h Depth Cartridge

Number of cartridges - 2
Cartridge length - 30"
Inlet-Outlet - BSP male
I/O Diameter - 2"

Aerospace Aftermarket Repair Station Component Cleaning

This machine was originally part of an aerospace bearing remanufacturing cell that worked on the following basis.

Pre-Inspection

Stage 1: Pre-Inspection Wash Tank and Filter to remove initial debris [DA1415 Wash Tank and Filter]
Stage 1: Kerosene (Exxsol D80) Spray Wash to remove additional debris [DA1414 Vixen Tristar Conveyor Degreaser]
The component is placed on the rolling table inside the spray wash; the rolling table is pushed to the far end of the spray wash through the clear plastic curtain to the rear of the clear enclosure. The nozzle of the hand held spray gun is

push through the slits in the plastic curtain. The component is thoroughly sprayed until all the loose debris is removed. The rolling table is pulled back through the plastic curtain and allowed to drain for 5 minutes before inspection.

Inspection

Component is inspected for wear and/or damage and categorised for repair. *Machinery not applicable*

Clean Before Repair

Stage 1: Tank 1 and/or Tank 2 Ardrox 185 De-greaser
The Ardrox 185 is heated in tank 1 or tank 2 to the operating temperature of 98 to 100 degrees Centigrade before any component is placed in the tank. Once Tank 1 or 2 is at temperature the component is either placed in a basket or on its own placed into tank 1 or 2 making sure the component is fully immersed in the Ardrox 185. The component is left in tank 1 or 2 for 10 minutes.
Stage 2: Tank 3 Water wash
After the 10 minutes has elapsed the component is removed from tank 1 or 2 and placed in tank 3 where it is manually agitated and/or sprayed with water to remove any remnants of the Ardrox 185. Allow the component to drain sufficiently over the tank before proceeding to the next stage
Stage 3: De-watering oil dip Rustilo DWX 32
After the component has been washed it is then dipped in Tank 4 containing de-watering oil this is solvent deposited rust preventative oil making sure the entire component has been immersed in the oil, after removal from tank 4 the component is placed on a trolley ready for repair.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.