

# Coalesce Dual Water Trap and Double Dirt Filtration ...

## 2 x 2 = 4 STAGE FILTRATION

### 1. DIRT PARTICLE FILTRATION MEDIUM:

- Stage 1
  - 2 Micron nominal combined synthetic media
  - Multi Pleated for maximum dirt capacity
- Stage 2
  - Multi-Layer sub-micron depth media
  - Dual supported for maximum collapse resistance



Multi Stage sub-micron cartridge



Dual Stage water separator to 99.9% efficiency

### 2. WATER SEPARATION MEDIUM:

(Free and Suspended Water)

- Stage 3
  - Permanent resin coated stainless steel screen, highly effective for removing water in suspension
- Stage 4
  - Market leading resin coated combination media, proven to 99.9% water removal efficiency

TECHNICAL DATA	DUO-AQUA TRAP™ 1	DUO-AQUA TRAP™ 2
Description	DAT 1	DAT 2
Part Number	IXFDA-0004	IXFDA-0005
Max Flow Rate	3.78L per Min	7.56L per Min
Optimal Efficiency	99.9%	99.9%
Diesel Vol:	720ml	1280ml
Water Holding Capacity	165ml	165ml
Height	210mm	290mm
Width	105mm	105mm
Port Size	14mm	Various Sizes
Max Operating Pressure	2 Bar	2 Bar
Clean Pressure Drop:	0.1 Bar	0.1 Bar



DAT 1

DAT 2

## SUSTAINABLE FUEL QUALITY ASSURANCE

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# 2 X 2 Ultra Injector Protection 3 in One Filter

*The patented DUO-AquaTrap™ offers the best of both worlds in fuel conditioning using proven media. It is considered to be the best available in the market in addressing both free and suspended water as well as particulate contamination in one effective pre-filter.*

Available in configurations to suit all diesel engines from LDV , 4X4 , forklifts, trucks and earth moving equipment.

## Unique Features:

- Conceptualised, designed and manufactured in Africa for African conditions
- 3 in One Filter
  - Water Trap
  - On Board Spin on Filter
  - Depth Synthetic Filter
- **Separates and removes** water successfully - even in Low Sulphur Diesels
- Virtually totally constructed from "GRP"
- Full **transparent bowl** for fuel quality inspection
- High dirt holding capacity for extreme sub-micron efficiency
- Multiple mounting options
  - Unique multiple flow direction using only two ports
  - Prime pump head available
  - Adaptor available for spin on conversion compatible with other dominant market heads
- Red floating ball to indicate presence of water in plastic bowl
- Self venting water drain tap
- **Compact** with ease of cartridge change
- **Multi-functional** and **COST EFFECTIVE**
- Ported for various options
- Ideally designed for suction side applications however will accommodate pressure applications up to 3 Bar.
- Environmentally friendly, reusable spin-in technology. Only internal cartridge replacement required, reducing environmental waste

**NOTE:** From a review it was found that 42.25% of 7000 samples tested at WearCheck® failed due to water contamination See [www.icermax.com](http://www.icermax.com)



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