

SYSTEM CARE

Water Removal Elements

HYDRO DRY

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The **hydro-dry** filter elements remove up to 80% of the free water present in the oil.

The **hydro-dry** elements use the WR filter media, working by absorption and ensuring a high water retention capacity.

To get the maximum water removal efficiency the **hydro-dry** elements must be used at constant flow rate and low and constant pressure, i.e. the ideal use is in a off-line filter or in a filtration trolley.

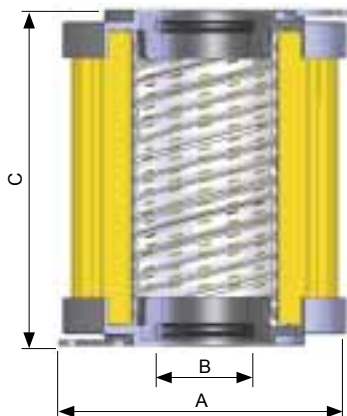
The **hydro-dry** elements remove also the solid contamination ($\beta_{10} > 2$), but we recommend that the main part of solid contamination is removed upstream by a dedicated return filter.

The **hydro-dry** elements are available in standard dimensions, to fit standard filter housings.

A clogging indicator set at 130 kPa (1,3 bar) on the filter housing is recommended for proper replacement of the clogged element.

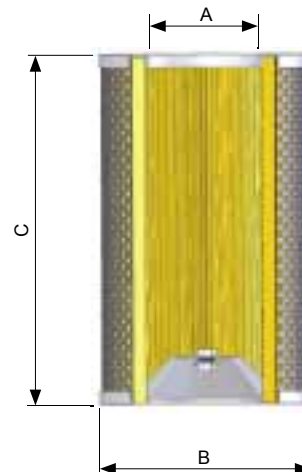
Hydro-dry elements, ERD series

Fit the RD series filter housings.



Hydro-dry elements, ERF series

Fit the OF series filter housings and the UOW filtration unit.



DIMENSIONS

FILTER ELEMENT

FILTER ELEMENT	H ₂ O retention capacity (ml) with oil 30 cSt	H ₂ O retention capacity (ml) with oil 98 cSt	Recommended max flow rate (l/min)	A	B	C
ERD31NWR	60	45	8	70	34	130
ERD41NWR	240	170	20	99	51	211
ERD51NWR	500	350	35	130	74	251
ERD61NWR	1000	750	90	130	74/85	500
ERF24NWR	600	440	60	72	106	465
ERF34NWR	800	580	80	92	126	480