



HYDRO DRY

OFF-LINE FILTERS

WATER REMOVAL ELEMENTS

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

The hydro-dry elements use the FormulaUFI.H2O 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, a low pressure filter, as the FMA series, or in a filtration trolley.

The hydro-dry elements remove also the solid contamination ($\beta_{21(c)} > 1.000$), but we recommend to remove the main part of solid contamination upstream, using a dedicated return-line 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.

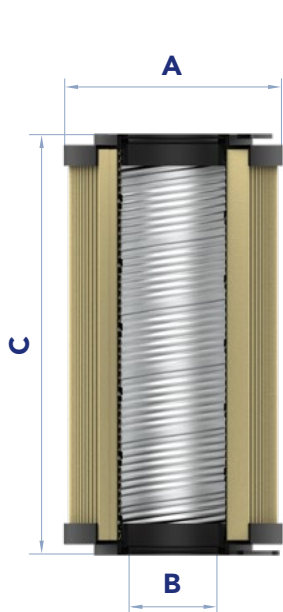


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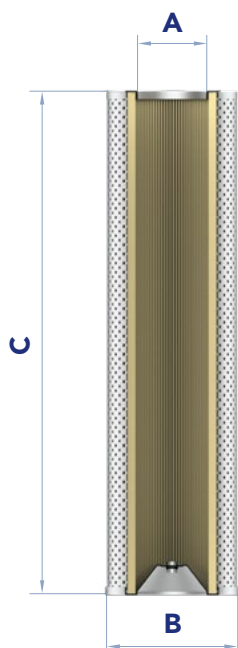
HYDRO-DRY ELEMENTS ERD SERIES

Fit the FRD series
filter housings.



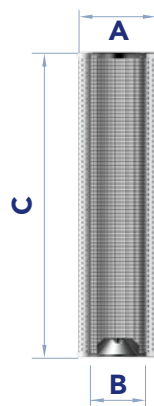
HYDRO-DRY ELEMENTS ERF SERIES

Fit the FOF series filter housings
and the UOW filtration unit



HYDRO-DRY ELEMENTS IRF SERIES

Fit the UOW filtration unit
Green Version



HYDRO-DRY ELEMENTS EMA SERIES

Fit the FMA series
filter housings



FILTER ELEMENT

	H2O retention capacity (ml)		Recommended max flow rate (l/min)	A	B	C	KG	AREA (cm ²) Media M+
	with oil 30 cSt	with oil 98 cSt						
EMA11NWR	50	34	6	70	29,5	88	0,21	669
EMA21NWR	78	52	8	70	29,5	134	0,23	1.036
EMA22NWR	160	106	15	95	41	175	0,50	2.112
EMA31NWR	239	159	20	140	65,5	145	0,73	3.181
EMA32NWR	343	229	25	140	65,5	205	0,92	4.574
ERD31NWR	60	45	8	70	34	130	0,25	1.006
ERD41NWR	240	170	20	99	51	211	0,70	3.801
ERD51NWR	500	350	35	130	74	251	1,50	7.493
ERD61NWR	1000	750	90	130	74/85	500	2,00	13.634
ERF24NWR	500	350	50	72	106	465	1,50	6.749
ERF34NWR	650	450	70	92	126	480	2,20	8.682
IRF34NWR	550	400	60	90	120,8	480	0,75	7.567
ERF36NWR	900	600	85	92	126	680	2,60	12.330
ERF41NWR	1000	700	90	157	203	330	3,95	13.520
ERF44NWR	1400	900	120	157	203	1090	6,63	22.420