



UOW022

OFF-LINE FILTERS

DESCRIPTION

Portable filling and filtration unit

Inlet: flexible hose Steelfelx 16HNA, 2,5 m long with rigid end

DE16 0,4 m long

Outlet: flexible hose Steelfelx 13HNA, 2,5 m long with rigid end

DE12 0,4 m long

“Y” type filter for pump protection

Gear pump 22 l/min, 2800 rpm with inbuilt relief valve

Electric motor single phase 230V - 0,25 kW – 2 poles - B3/B5

Robust handle for easy and safe transportation

Total weight 16,5 kg

PRESSURE

Max working pressure: 0,5 MPa (5 bar)

FLOW RATE

Qmax 22 l/min

HOW IT WORKS

The mobile filtration unit is used for cleaning the fluid off line, for the transfer, filling and topping up of the oil tank and for any roll-off operation. The UOW mobile off-line filtration unit filters hydraulic fluid at low-pressure with the aid of a self-contained pump, motor and filter.

The construction design is compact and user-friendly, and guarantees high filtration performances and long life filter element.

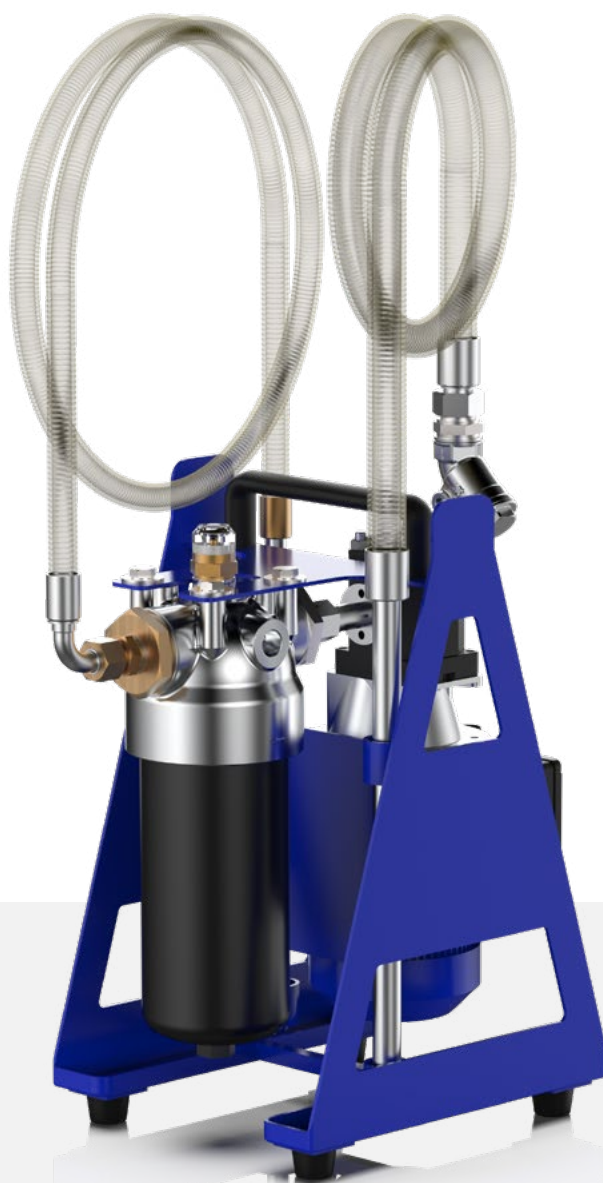
The oil returning to the tank-reservoir from the return line is filtered by the UOW unit, reducing drastically the “clean-up time.”

The filter can be fitted with a visual clogging indicator, also of differential type.

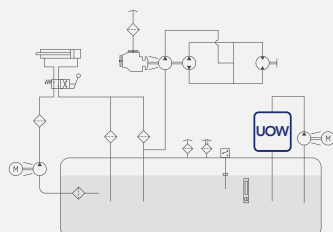
The filter element is designed to meet the most demanding requirements of respect for the environment and reduction of polluting components of the hydraulic system.

The filter element, having a wide filtration area and excellent efficiency features, is normally available with FormulaUFI.MICRON, from 5 to 21 $\mu\text{m(c)}$ ($\beta_x > 1.000$) and FormulaUFI.H₂O.

The mobile filtration unit includes a detailed use and maintenance instruction manual, that is available on our website in the Download section.



HYDRAULIC DIAGRAM



Is this datasheet the latest release? Please check on our website

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ORDERING AND OPTION CHART

U	O	W	WHEELED OIL FILTRATION UNIT
0	2	2	NOMINAL FLOW RATE
			022 = 22 l/min
			ELECTRICAL MOTOR TYPE
			M = single phases
0	0	2 5	NOMINAL POWER
			0025 = 0,25 kW
	5	D	CLOGGING INDICATOR
			5D = visual differential 250 kPa (2,5 bar)
	X	X	ACCESSORIES
			XX = without accessories

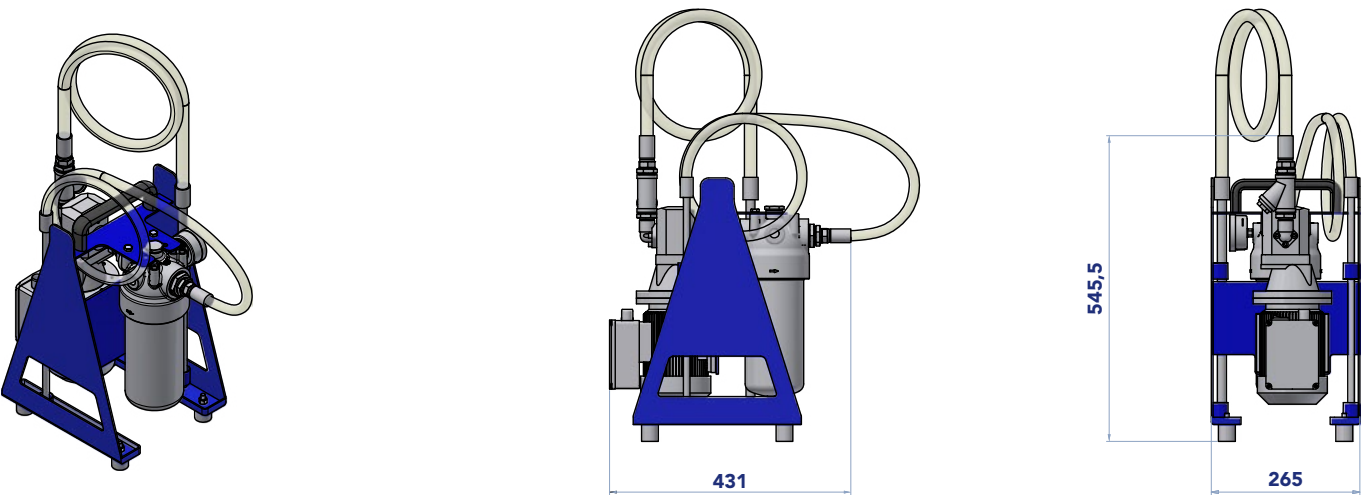
Filter element to be ordered apart.

Please refer to the following ordering and option charts

E	P	G	FILTER ELEMENT
	3	1	SIZE & LENGTH
		N	SEALS
			N = NBR Nitrile
			FormulaUFI MEDIA
			FA = FormulaUFI.MICRON 5 µm(c) β>1.000
			FB = FormulaUFI.MICRON 7 µm(c) β>1.000
			FC = FormulaUFI.MICRON 12 µm(c) β>1.000
			FD = FormulaUFI.MICRON 21 µm(c) β>1.000
			WR = FormulaUFI.H2O

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FILTER ELEMENT

	A	B	C	Kg	AREA (cm ²)	
					Media F+	Media WR
EPG31	92	40	220	0,45	4.700	3.176

