

BAG FILTERS FILTREX

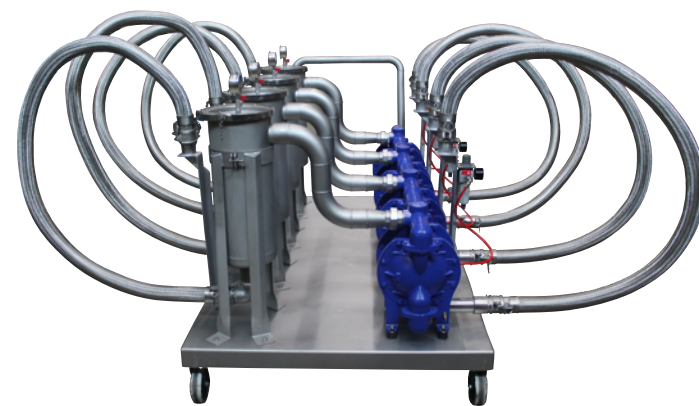
Every production process requires, at some stages, some kind of filtration process. That's why, Lleal offers a range of filtering units composed of a transfer pump (model and type of pump according to the product characteristics) and a basket or bag-type filter that distributes the liquid, resulting in a constant flow distribution.

These units are highly useful for manual packaging, ensuring, at the time, that the product has been filtered with the desired particle size (microns), since it enables the assembled of sieves with mesh size as required.

BAG FILTRATION PRINCIPLE

Liquid pressurization is the basic principle of operation. The product to be filtered is sent to the upper part of the bag, which is held by the retaining basket. This enables the liquid to be distributed equally over the entire filtering surface, resulting in a constant flow distribution, without turbulence effects.

The liquid flows from the inside to the outside of the bag, thus retained particles remain inside it, preventing the clean outlet circuit from being contaminated during the change of the saturated bag.



Filtering group consisting of 4 DEPA pumps with their corresponding EFB0101 filters, installed on a mobile forklift.

FEATURES

- » This type of filter is made of AISI-316 stainless steel, which provides high resistance to corrosion.
- » The retaining basket, also made of stainless steel mesh, extends the life of the filter bags placed inside it.
- » Its carefully finish with only two small welds facilitates the internal cleaning of the equipment.
- » They can be installed with adjustable support legs, allowing them to be installed on other supports.

» Filter models with side inlet or top inlet are available. The main advantage of filters with top entry is that the bag replacement is easier, in addition it ensures sealing with the body. On the other hand, the main advantage of side entry filters is that they eliminate the risk of product leakage when opening the equipment and the closure using a V-clamp facilitates maintenance.



FILTREX Technical data

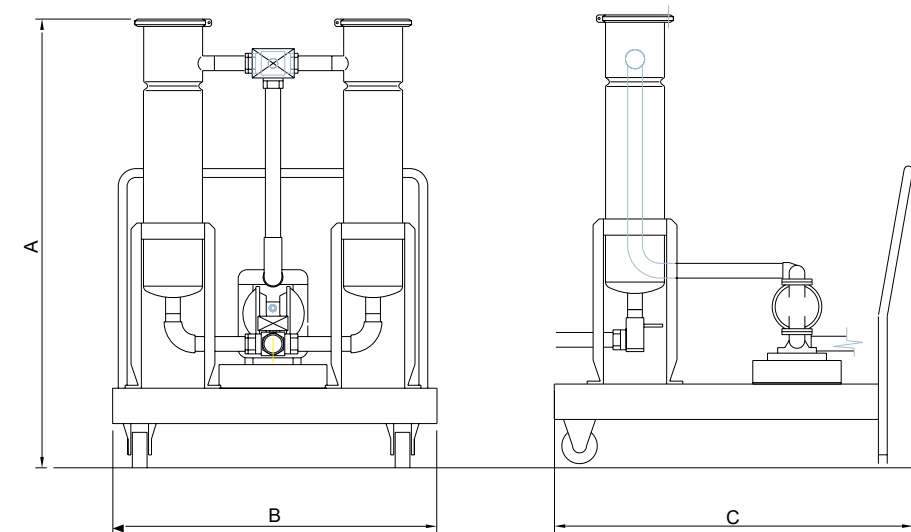
FILTERING GROUP

Lleal presents the set consisting of transfer pump and filtration equipment, installed on a stainless steel forklift for an easy transport, with a complete set of inlet and outlet hoses (materials to be chosen according to the product to be transferred).

Additionally, we offer accessories to complete and automate the process, such as: anti-foaming impulse dampener, flow meter, dosing gun (manual/automatic), pre-filters, etc.



Filtering group equipped with volumetric counter and dosing gun. Filter model EBF0104



Model	Max. flow m ³ /h	Filtration area m ²	Capacity		Dimensions cm		Temperature °C	Connections	
			L	Kg	A	B x C		Input	Output
EBF0101-AC06-050B	20	0.25	15.5	7.5	98	50 x 50	120	2" BSP	2" BSP
EBF0102-AC06-050B	40	0.5	27	11	181	50 x 50	120	2" BSP	2" BSP
EBF0103-AC09-040B	6	0.09	3	3.5	59	25 x 25	120	1 1/2" BSP	1 1/2" BSP
EBF0104-AC09-050B	12	0.16	4.5	4.5	90	25 x 25	120	1 1/2" BSP	1 1/2" BSP
TSBF0101-AD06-050D	20	0.25	18	38	84	70 x 70	160	DN-50	DN-50
TSBF0102-AD06-050D	40	0.50	32	46	168	70 x 70	160	DN-50	DN-50
TSBF0103-AD16-040B	6	0.25	3	12	97	60 x 60	160	1 1/2" BSP	1 1/2" BSP
TSBF0104-AD16-040B	12	0.50	4.5	13	180	60 x 60	160	1 1/2" BSP	1 1/2" BSP