

SELF CLEANING FILTER WITH AUTOMATIC WASTE DISCHARGE



Coenraadts developed a new automatic filter with a special design (patented). It is a vertical automatic filter, which can be used in-line, with selfcleaning, and automatic evacuation of dirt during the operation and with minimal losses of product. This is achieved using a unique cleaning plunger in combination with a computerised control system.

The Coenraadts plunger is different from all other systems, having a spring-loaded closing system, which is operated only during the evacuation of the dirt. It is activated by an air cylinder and will keep the filtering surface clean at all time. The deposit remaining on the outside of the filtering element is reduced to a minimum because of the special design and its position in the chamber. This way a bigger filtering surface will remain longer available.

The plunger and the computerized controls are selected in such a way that the impurities remain only a short time in the filter itself, in order to reduce the bacteriological contamination as much as possible. The plunger with its special design and closing system, will close the collection point and will then open the evacuation valve for elimination of the impurities, which are collected in a small container.

Max. capacity: 6.000L/hr. (depending on product)

Technical Data:

Dimensions of the filter screen:	0,4 or 0,6 or 0,8 mm
Dimensions: '(L x W x H)	450 x 450 x 2150 mm
Weight:	160 kg
Connection for air:	1 x 3/8"
Connection for water:	1 x 1/2"
Connection for electricity	1 x 220 Volt (3 x 1,5 mm ²)