TIMEX

Filtration & Water Systems

ECOLINE
AUTOMATIC FILTERS

Daimler Chrysler Aerospace Dasa-Zert Zertifizierungsstelle

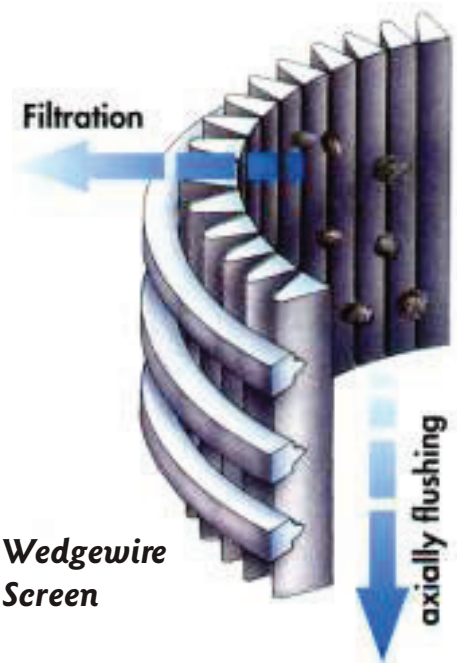
ISO 9001

- *Starts the self-cleaning process by lapse of a predetermined time.*
- *All units are designed to operate continously with no routine shutdown for cleaning or maintenance.*
- *Filtration degrees from 130 to 50 micron.*
- *Manufactured with plastic housing and stainless steel screen to resist the corrosion.*
- *Available in 2" - 3" inlet/outlet diameter.*
- *No maintenance.*
- *No parts to replace.*
- *No pressure loss.*
- *Economic, automatic filter.*

Technical Specifications

How the "ECOLINE" works..

The filter is equipped with slotted tubes "wedgewire candles" where the filtration is from into out. Because of the increased velocity dirt, solids and organic matters are moved forward and collected in the collection chamber. Flushing valve is controlled by a timer or pressure differential switch, when it reaches to a preset value. During the flushing cycle all the particules collected in the chamber are all thrown away without any flow interruption.



FIELDS OF ACTIVITIES:

- Water treatment plants,
- All industrial applications,
- Chemical industry,
- Fish plants,
- Waste water treatment plants.

General

Filter Type	2" ECOLINE	3" ECOLINE
Inlet / Outlet diameter	2"	3"
Max.Flow rate (m3/h)	25	35
Inlet / Outlet connections	Threads	Threads
Min.working pressure (bar)	2	2
Max.working pressure (bar)	8	8
Filter area (cm2)	465	700
Max.Working Temp. (° C)	60	60

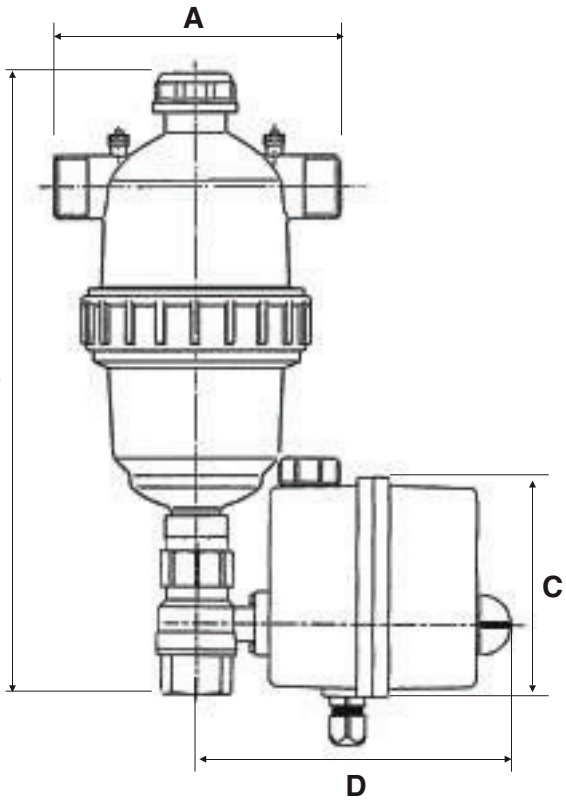
Flushing data

Exhaust valve	DN20	DN20 / DN40
Flushing cycle time (sec.)	10	15
Wasted water per cycle (lit.)	20	30
Min.flow for flushing (m3/h)	5	8

Electrical Connection

Exhaust valve	24 V, 50 Hz.
Control board	220 V, 50 Hz.

DIMENSIONS



	A (mm)	B (mm)	C (mm)	D (mm)
2"	280	515	135	190
3"	292	658	135	207

industry
Automotive, Aviation, Ballast treatment, Electronics, Food & Beverage; Mining, Oil & Gas, Petrochemical, Power Generation, Pulp & Paper

municipal
Potable Water, Waste Water, Desalination, Brackish Water, High rise buildings, Pre-filtration to Membranes

irrigation
Agriculture, Golf & Turf, Green Houses

aquaculture
Fish Farming, Recirculating Aquaculture Systems (RAS), Fish Processing Industry

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