

Typical Applications

- Beers & Lagers
- Fruit Juices
- Liqueurs
- Spirits
- Chemicals
- Wines
- Sugar Syrups
- Herbal Extracts
- Enzymes
- Cosmetics
- Process Water
- Solvents
- Vinegars
- Resins
- Blood Products



Sheet Filter

Short Frame

- 1 – 35 Elements
- 2 – 36 Sheets
- 0.28 – 5.04 m² Area

Medium Frame

- 37 – 67 Elements
- 38 – 68 Sheets
- 5.32 – 9.52 m² Area

Long Frame

- 69 – 99 Elements
- 70 – 100 Sheets
- 9.80 – 14.00 m² Area

Plate & Frame Filter

Short Frame

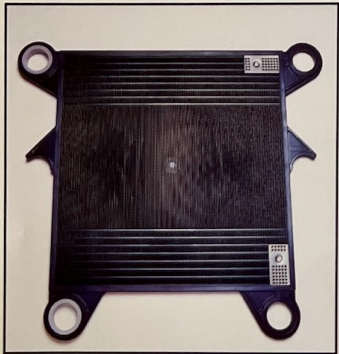
- 3 – 11 Elements
- 4 – 12 Draff Frames
- 1.12 – 3.36 m² Area

Medium Frame

- 12 – 21 Elements
- 13 – 22 Draff Frames
- 3.64 – 6.16 m² Area

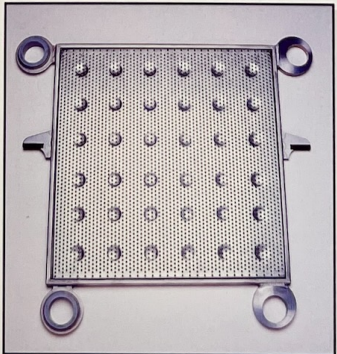
Long Frame

- 22 – 33 Elements
- 23 – 34 Draff Frames
- 6.44 – 9.52 m² Area



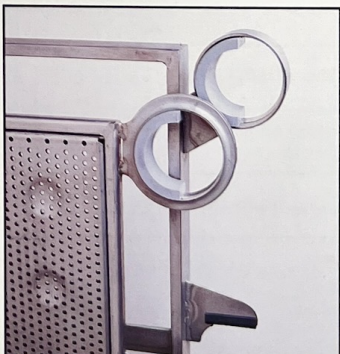
Novotrox (Noryl) filter elements

- Odour and taste-neutral
- Can be sterilised with steam to 110 °C
- Apertures covered with perforated stainless steel



Stainless steel filter elements

- Material grades 304 or 316L
- Fast and easy dismantling for cleaning



Cylindrical gaskets

- Absolute sealing regardless of filter sheet thickness
- Silicone gaskets fitted as standard
- Natural Rubber & Viton also available

The Carlson XL2000 incorporates a full set of standard design features to suit most common applications, as well as a range of optional extras to increase its flexibility still further.

Standard Design Features

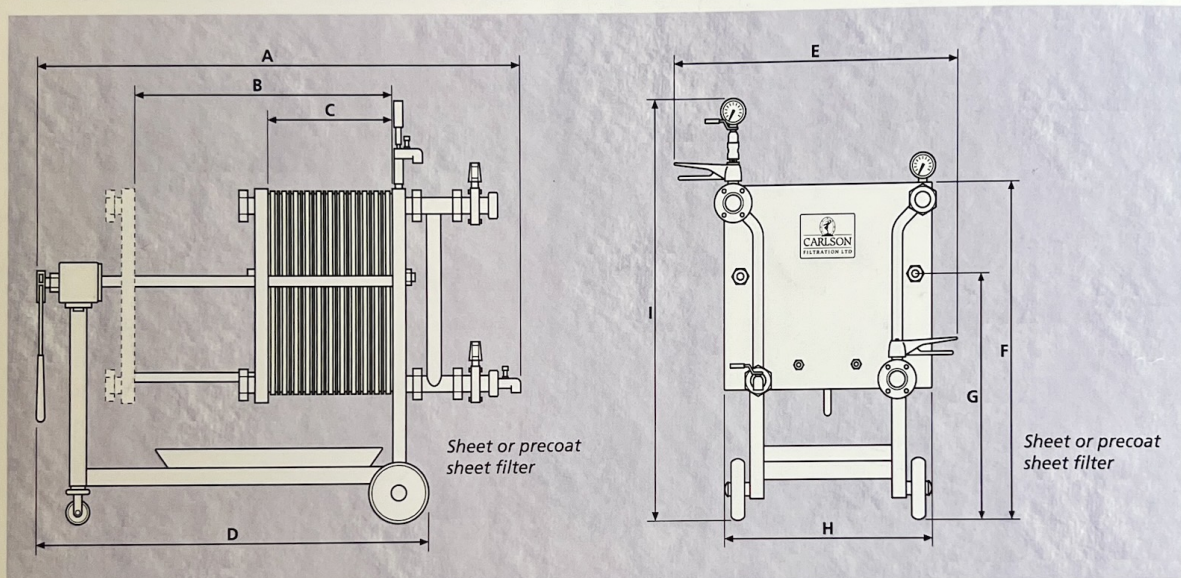
- All Stainless Steel Construction
- Silicone Gaskets fitted throughout
- Dual pressure gauges
- Outlet sightglass assembly
- Full-length stainless steel drain tray
- Blanked Moving-End connections allow simple modification to 2-stage filtration at a later date

Optional Extras

- Choice of Stainless Steel or Novotrox (Noryl) Elements
- Choice of simplified or external standpipe connections
- Diversion system available (allows 2-stage filtration)
- Additional sightglass assemblies (if required)
- Moving-End vents / drain valves

Measurements and technical data

XL2000



	A	B*	C*	D	E	F	G	H	I
Short frame in mm	1600	660	270	1390	700	830	605	550	1020
Medium frame in mm	2110	1170	780	1900	700	830	605	550	1020
Long frame in mm	2620	1680	1290	2410	700	830	605	550	1020

Filter element width (stainless steel or plastic)	12mm
Draff frame width (stainless steel)	25mm
Element volume (stainless steel)	1.5L
Element volume (plastic)	0.65L
Draff frame volume (stainless steel)	3.5L
Maximum operating pressure	3bar

* without spindle extension

Purity Through Quality™



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