



CJC™ Off-line Fine Filter Insert BLDA 27/27

APPLICATION

The type BLDA Filter Insert is manufactured specially for CJC™ Fine Filter units employed in the filtration of Water Glycols.

FILTRATION CAPABILITY

All CJC™ Filter Inserts have a filtration degree of 3 µm (micron) absolute (equiv. to 0.8 µm nominal) i.e. 98.7 % of all solid particles >3 µm and approx. 50 % of all particles >0.8 µm are retained in each pass.

The dirt holding capacity of a BLDA 27/27 insert is 4.0 litres of evenly distributed solids.

DIMENSIONS

The figures below are nominal.

Diameter: 27 cm
Height: 27 cm
Weight: 4 kg

COMPONENTS

CJC™ BLDA Fine filter inserts consist of bonded discs made from:

Cotton linters
Acryl
Polyamin
Foammaster
Urethan glue

Notice that the BLDA filter inserts are calcium free.

If calcium enters a water glycol operated system it can create blockages of valves and other small clearances.



The anticipated increase in differential pressure (ΔP), measured in **bar**, across one new BLDA 27/27 filter insert is:

FLOW	VISCOSITY				
	32 cSt	46 cSt	68 cSt	100 cSt	150 cSt
200 L/h	0.03	0.05	0.07	0.11	0.16
400 L/h	0.07	0.10	0.15	0.22	0.32
600 L/h	0.10	0.15	0.22	0.32	0.49
800 L/h	0.14	0.20	0.29	0.43	0.65

To calculate the total increase in differential pressure, divide the viscosity with the number of filter inserts in a filter housing.



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