Disc-Cleaning Filters

DCF-2000

Mechanically Cleaned

Permanent Media



DCF-2000 single configuration

Eaton's DCF-2000 is designed specifically to address the challenges associated with filtering coatings and slurries in the paper making industry. Eliminate paper breaks and streaks, reduce the environmental impact, and maximise uptime and productivity – for high production volumes and consistent product quality.

FEATURES

- Filters coatings with 48% to 72% dry solid content, at 75 microns and above – the tightest in the industry
- Continuously removes contaminants from the coating and efficiently purges collected contaminants while operating at a low, constant differential pressure
- Designed for continuous automatic operation – without the need for operator intervention
- Mechanical cleaning eliminates replacement media cost and reduces the expense of waste disposal
- Increased profitability – improves system efficiency, reduces paper breaks and the associated downtime
- Multiplex configurations available and connected to a common tapered header for high-flow applications

TYPICAL APPLICATIONS

- Paper coatings

DCF-2000

With a rugged motorised cleaning action, the DCF-2000 can handle the continuous processing requirements of protecting critical wet-end coating operations.



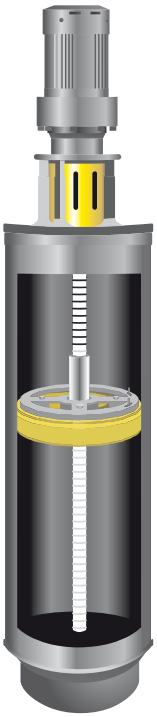
DCF-2000 multiplex configuration

For more information:

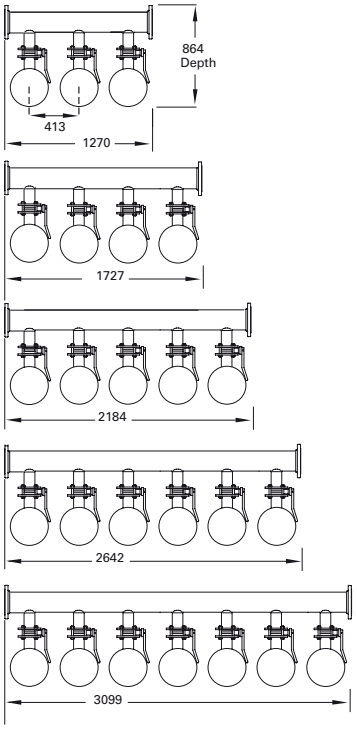
WEB: FLTR.com.au **PHONE**: (+61) 1300 62 4020 **EMAIL**: info@FLTR.com.au **SKYPE**: Purple.Engineering

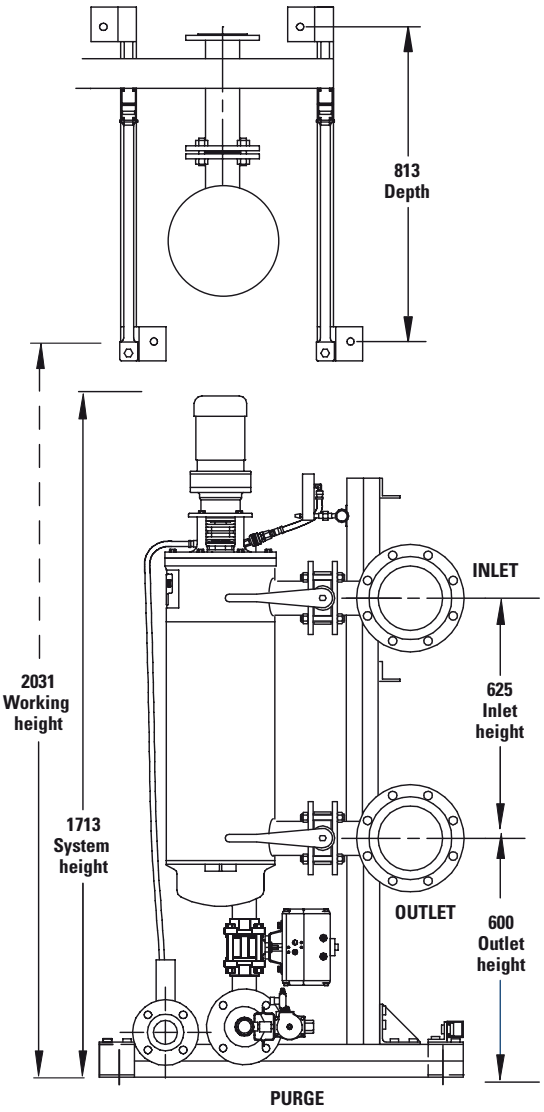
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DCF-2000 Disc-Cleaning Filters



Driven at a constant rate and pressure, the cleaning disc continuously wipes collected debris from the screen. Collected contaminants are agitated in the collection chamber, keeping them in a semi-liquid state, ready to be purged from the system.





DCF-2000: SPECIFICATIONS

Single unit weight	256 kg
Service height	2031 mm
Total volumetric capacity	41.6 litres
Purge chamber capacity	6 litres
Filtration surface area	3935 cm^2
Flow rate range at 100 µm	6.8 – 45.4 m^3/h
Temperature, maximum*	71 °C
Pressure, maximum	10 bar standard
Electrical for motor drive	Single phase 110/220 V, 50/60 Hz for control and three phase, 220/380/440/575 V (please specify), 50/60 Hz for motor.
Electrical for controllers	Single phase 110/220 V, 50/60 Hz

* Dependent on elastomer seal and cleaning disc material selection.

For more information:

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