



## Data sheet

## Tabletop Fume hood Compact Line DCL-800 BB



The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

### Standard equipment for fume hoods:

- structure entirely made of galvanized steel without the use of wood-based materials
- toughened glass window, lifted manually with counterweight, opened upwards with a lock on height 500 mm (max 810mm), the window has a system preventing the uncontrolled fall of the window
- energy-saving linear LED lighting separated from the fume hood's working chamber with a glass pane
- a double rear wall system with exhaust gaps in the upper and lower part ensuring the correct extraction of vapors that are lighter or heavier than air, without swirls and dead zones
- safety flap in the ceiling ensuring decompression in the event of uncontrolled pressure increase in the working chamber
- full monitoring set (Schneider brand) of air flow velocity in the fume cupboard window compliant with the PE-EN 14175 standard. : PN-EN 14175; PN-EN 14056; PN-EN 13150



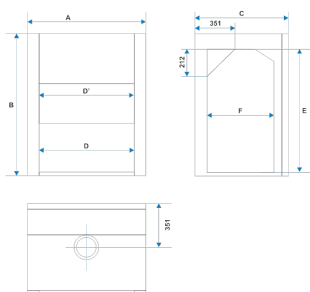
## TECHNICAL DATA - DIMENSIONS

### overall dims [mm]

width A	800
height B	1235-1320
depth C	700

### working space dims (mm)

width D	734
window width D1	654
height E	1000
depth F	430



## TECHNICAL DATA

recommended airflow [m3/h]	400 - 650
required capacity of the ventilation system [m/s]	0,3 - 0,5
nominal power [W]	46
voltage**	230 VAC 50Hz
diameter of the air outlet stub [mm]	Ø 160
electrical insulation	class I
standard ventilation system	double rear wall
illumination installed outside the working chamber LED, class A ++, through insulating glass / from operator panel	
monitoring set	<i>standard:</i> - FM 550-A-0-E controller with a speed sensor AFS 100 in the fume hood window and the FA-0025-3 operator panel <i>option:</i> - ICM 500-F-EU controller with flow control - ICM 500-FP-EU controller with flow control and cooperation with BMS - other Schneider controllers available on request
raising the window	<i>standard:</i> - manual with counterweight (lock at a height of 500mm, maximum opening 810mm) <i>option:</i> - SC 500 - Auto Protect system - with foot switch - SC 500 - Auto Protect system - with panel switch
frame and housing material	The frame is made entirely of galvanized steel. External housing made of galvanized and painted with epoxy paint steel
working chamber wall finishing	galvanized sheet, powder coated with epoxy paint
worktop OPTION (available materials)	- Monolithic ceramics with marine edge - Phenolic resin, epoxy - Stainless steel AISI 304, 316
warranty	24 months
manufacturer	POL-EKO



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## OPTIONS AND ACCESSORIES

	Order number: D-S-EL400	Additional electric socket (400V)
	Order number: D-S-EL	Additional electric socket (230V)
	Order number: D-WRP	Residual current device
	Order number: D-GRZ	Emergency stop button
	Order number: D-MAIN	Main circuit breaker
	Order number: D-L-EX-XX.XX	EX Lamp
	Order number: D-S-WA	Additional water instalation
	Order number: D-S-GA-XXX	Additional LPG instalation
	Order number: ICM500-F-EU-XX.XX	Advanced fume hood controller ICM500-F-EU
	Order number: ICM500-FP-EU-XX.XX	Advanced fume hood controller ICM500-FP-EU
	Order number: SC500	Automatic sash window
	Order number: D-S-P	Side walls glazing
	Order number: D-KRX-XX.XX	Scaffold
	Order number: D-SINK-NS	Additional sink
	Order number: D-WT-NS	Non-standard worktop
	Order number: DCL-LM	Phenolic resin interior
	Order number: DCL-PP	Polypropylene interior
	Order number: DCL-CR	Buchtal ceramic interior