



EcoBell Cleaner D2 / EcoBell PurgeBox

Fewer VOC Emissions During Atomizer Rinsing

The **EcoBell Cleaner D2** is a cleaning device for the current **EcoBell** atomizer lineup. The cleaning takes place within 15 seconds (usually without loss of cycle time) with a very low detergent consumption. The device can be used for all water- and solvent-based 1K and 2K applications.

During the cleaning process, the short rinsing and the color change processes (only 1K) occur in the cleaner. An integrated disposal system collects all media.

The **EcoBell PurgeBox** is used as a supplement to 2K applications. It is used to collect mediums which are produced during short rinsing, color change rinsing and color application. The device can be integrated into the grate without interfering contours and is therefore also suitable for interior painting zones. Filter mats collect most of the paint so that the rinsing medium flows off through a disposal pipe.

HIGHLIGHTS EcoBell Cleaner D2



No loss of cycle time caused by atomizer cleaning

Savings of up to 91 % of cleaning medium compared to the previous model

VOC reduction of 94 % compared to the previous model

Disposal of all liquid media in return lines or filter mats

Less chemicals used and no disposal into the washing out process, since almost 100 % of all media are disposed of through the outlet

Higher service life and lower operating costs of dry rinsing

Technical Data

EcoBell Cleaner D2 and EcoBell PurgeBox

VOC REDUCTION FOR 2K APPLICATION

Functional principle of the **EcoBell PurgeBox**

- Retracting atomizer within an opening in the lid.
- Filter mats collect most of the paint. The air flows out to the side and rinsing medium flows down to the outlet
- Only the rinsing medium with the lowest residual content of 2K lacquer leaves the **EcoBell PurgeBox**.
 - Hassle-free disposal from a non-rinsed pipe to the collecting pipe is possible
 - No need to flush the disposal pipes
- Filters can be disposed of in residual waste after their service life → No hazardous waste

HIGHLIGHTS EcoBell PurgeBox



Reduction of VOC's in the cabin

No need to supply funnel with dirt diluting agent

No valves, no media pipelines

→ Installation also possible in existing systems

Installation in the grate without interfering contour → therefore also suitable for interior painting zones

Maximum safety to avoid high-voltage flushing in the **EcoBell PurgeBox**
– Only in combination with RPC



EcoBell Cleaner D2

Cleaning time (Home-to-Home)	15 s (depending on paint, detergent and impurities)
Detergent consumption	max. 50 ml
Cleaning cycles	1 – 15 vehicle bodies (depending on paint, detergent and impurities)
Air usage (standard process)	300 NI
Air flow capacity (incl. atomizer function)	max. 2,200 NI / min
Connection values	Air: 6 bar dyn. · Detergent: 8 bar dyn.

	EcoBell Cleaner D2	EcoBell PurgeBox
Size (length x width x height)	395 mm x 390 mm x 530 mm	500 mm x 500 mm x 400 mm
Weight	approx. 30 kg (incl. hood & console)	approx. 12 kg

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