

Technical Data Sheet

n. 08 [February 2023]

Automatic Central Nozzle Dispensers COROB EVO1ST [S] v02



BASE DISPENSER FEATURES

Dispensing technology	Bellows pump
Dispensing flow	On-Demand Simultaneous (default) / Simultaneous
Dispensing displacement	Internal
Canister configuration*	Up to 20
Canister sizes [l] (q-G)	1.5 (1.58 q) / 2.5 (2.64 q) / 5 (1.32 G)
Canister material	POM (Acetalic resin)
Canister stirring	Pre-set [variable timing function available]
Pump type	STD Bellows
Circuit flow rate [l/min]**	0.25 [Single pump] - 0.5 [Double pump]
Minimum dispensed quantity [fl.oz.] (cc)**	1/576 (0.051)
Valve type	Membrane valve
Nozzle closure system	Manual rotating cap
Electronic generation/type	5G
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]
Shelf type	Manual "pull out"

DISPENSER VERSIONS

Panels	ABS Plastic and Sheet metal
External modules add-ons	-
Available versions	[L]

CAN HANDLING FEATURES***

Minimum can height [mm] (in)	170 (6.7)
Maximum can height [mm] (in)	475 (18.7)
Minimum can diameter [mm] (in)	70 (2.8)
Maximum can diameter [mm] (in)	320 (12.6)
Minimum hole diameter [mm] (in)	54 (2.1)
Maximum can weight [kg] (lbs)	35 (77)

POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 100 - 240 ±10%
Frequency [Hz]	50/60
Fuses [A]	F 10 A
Maximum power absorption [W]	from 60 to 300 based on the configuration
Working temperature [Celsius] (Fahrenheit)	From 10° to 40° (50° to 104°)
Relative humidity	From 5% to 85% (without condensation)
Certification	CE/UKCA - ETL

DISPENSER DIMENSIONS

Length [mm] (in)	710 (28)
Depth [mm] (in)	910 (35.8) w/ shelf - 860 (33.8) w/o shelf
Height [mm] (in)	1410 (55.5)
Footprint [m ²] (ft ²)	0.64 (6.8) w/ shelf - 0.61 (6.57) w/o shelf
Machine Weight [kg] (lbs)	145 (320)
Machine + packaging Weight [kg] (lbs)	190 (419)

EQUIPMENT FEATURES

Automatic sliding cap	Optional
No-Dry-Nozzle Humidifier	Optional
Laser BHL	Optional
Monitor and keyboard support	Optional
Side multi-bracket support and Tablet support	Optional
External Heater	Optional
Corob Connect	Optional

* The bigger size canisters reduce the maximum canister number possible.

** Values highly affected by the nature of the colorants and their rheological properties.

*** IMPORTANT: most machine and paint can dimensions refer to the basic machine model. Options and alternative devices can change these values. Please check with your local sales representative or contact one of COROB's offices.

Take note: data refers to base configuration machine, figures may vary according to different specifications.

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Canister material	POM (Acetalic resin)
Canister stirring	Pre-set [variable timing function available]
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Relative humidity	From 5% to 85% (without condensation)
Certification	CE/UKCA - ETL

DISPENSER DIMENSIONS

Length [mm] (in)	1060 (41.7)
Depth [mm] (in)	930 (36.6) w/ shelf - 880 (34.6) w/o shelf
Height [mm] (in)	1410 (55.5)
Footprint [m ²] (ft ²)	0.97 (10.5) w/ shelf - 0.93 (10) w/o shelf
Machine Weight [kg] (lbs)	200 (441)
Machine + packaging Weight [kg] (lbs)	270 (595)

EQUIPMENT FEATURES

Automatic sliding cap	Optional
No-Dry-Nozzle Humidifier	Optional
Laser BHL	Optional
Monitor and keyboard support	Optional
Side multi-bracket support and Tablet support	Optional
External Heater	Optional
Corob Connect	Optional

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