

A young woman with long, wavy brown hair and blue eyes is smiling warmly at the camera. She is wearing a white t-shirt and a black smartwatch on her left wrist. She is sitting at a desk with a laptop open in front of her. The background is a bright, modern office space with large windows and indoor plants.

DEVELOP

Dynamic balance

www.develop.eu

CU-101/102/201/202 Air cleaning units

The Air Cleaning Units are attached to the outside of the office system and provide an efficient solution for A3/A4 models. The filter solutions were specifically designed for the DEVELOP product portfolio to prevent any unwanted side effects. Regular tests ensure an effectivity of more than 90% for CU-101 and CU-102 units and more than 82% for CU-201/202 units. Additionally, the possibility of air emissions escaping through other parts of the printer has been eliminated by a thorough assessment of the casing.

CU-101

Compatible devices	ineo+ 258/308/368: requires mount kit MK-745 ineo+ 227/287: requires mount kit MK-748 ineo 227/287/367: requires mount kit MK-747 ineo 306/368: requires mount kit MK-745
Fans	2 x 80 mm (main unit); Airflow up to 0.8 m ³ per minute
Dimensions (W x D x H)	450 x 106 x 320 mm
Weight	Approx. 2 kg
Power consumption	Main unit CU-101 + mount kit < 12 W
Noise	< 61 dB; only active while printing, specific filter noise unrecognisable
Lifetime of filter	Lifetime of filter equals device lifetime
Special features	Equipped with activated carbon layer – prevents toner odour
Effectiveness	> 90% emission reduction*

CU-102

Compatible devices	ineo+ 458/558 (standard for ineo+ 658) ineo 458/558
Fans	1 x 90 mm + 1 x 120 mm (main unit); Airflow up to 1.1 m ³ per minute
Dimensions (W x D x H)	488 x 75 x 314 mm
Weight	Approx. 2.3 kg
Power consumption	Main unit CU-102 < 16.5 W
Noise	< 62 dB; only active while printing, specific filter noise unrecognisable
Lifetime of filter	Lifetime of filter equals device lifetime
Effectiveness	> 90% emission reduction*

* measured emission reduction according to Blue Angel standard RAL UZ-171

Mode of action

The Air Cleaning Units are active filter solutions. They consist of a filter and fan unit that is combined with a dedicated air duct. The filter unit is powered by two fans that actively suck the air out of the office system. The fans are only active during the printing process and guarantee an optimized air flow. The air duct helps direct the air stream from the highest emission outlets of the printing device, e.g. the fusing unit section, to the filter unit. Any risks of overheating or emissions escaping through other parts of the office system have been eliminated.

CU-201

Compatible devices	ineo+ 3350 / 3850 / 3850FS ineo+ 3110 / 3100P ineo 4050 / 4750 ineo 3320 / 4020 ineo 3301P / 4000P / 4700P
Fans	2 x 80 mm (main unit); Airflow up to 0.47 m ³ per minute
Dimensions (W x D x H)	285 x 110 x 225 mm
Weight	Approx. 2 kg
Power consumption	< 8.5 W for main unit; requires an additional power plug
Noise	< 61 dB; only active while printing, specific filter noise unrecognisable
Lifetime of filter	Lifetime of filter equals device lifetime
Effectiveness	> 82% emission reduction*

CU-202

Compatible devices	ineo+ 3351/3851/3851FS
Fans	2 x 90 mm + 1 x 75 mm (main unit); Airflow up to 0.67 m ³ per minute
Dimensions (W x D x H)	285 x 118 x 225 mm
Weight	Approx. 2 kg
Power consumption	< 19.5 W for main unit; requires an additional power plug
Noise	< 62 dB; only active while printing, specific filter noise unrecognisable
Lifetime of filter	Lifetime of filter equals device lifetime
Effectiveness	> 95% emission reduction*



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