

BLAUPUNKT

BLAUPUNKT
Brand
established
1924
GERMANY

PORTABLE AIR CONDITIONER

MOBY BLUE S 1111E (mod. '21)

BAC-PO-1111-E06U | CAPACITY 3.2 kW/2.9 kW



**Windows
Kit Ready**



BEST in CLASS



Swing Function



**Remote
control**

Enjoy it.

Moby Blue S 1111E (mod. '21) 5in1 stands for cooling, heating, UV-C sterilization, drying and ventilation and is proven to be the best base standards for this type of device. It does not require specialized installation, splash motor automatically pushes out the condensing water.

DISTRIBUTION:

Blaupunkt Competence Center Aircons Mateko Sp. z o.o.
Tel: +48 22 519-73-63 blaupunkt@mateko.pl www.blaupunkt.com

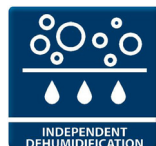
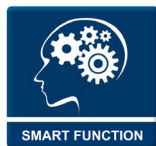
Technical details

Model			BAC-PO-1111-E06U
Capacity	Cooling	kW (kBTU)	3,2 (11)
	Heating	kW (kBTU)	2,9 (10)
Cooling refrigerant	Type/Weight	g	R290/260
Independent operating mode	Cooling		Yes
	Heating		Yes
	UV-C Sterilization		Yes
	Dehumidification		Yes
	Ventilation		Yes
EU energy class		EER/COP	A/A+
EER/COP			2,6/2,8
Dehumidification capacity	l/h	l/h	1,2
Airflow	m ³ /h	m ³ /h	280
Germicidal lamp	UV-C	nm	270~280
Noise level*	Min./Low/Av./High	dB(A)	26/34/43/45 (65)
Thermostat set point range	Cooling	°C	18~32
	Heating	°C	13~27
Power supply		V~ /Hz/Ph	220~240/50/1
Power consumption	Cooling	W	1230
	Heating	W	1035
Electricity consumption	Cooling	kWh/60 min	1,23
	Heating	kWh/60 min	1,03
Unit dimensions	W x H x D	mm	435 x 720 x 360
Package dimensions	W x H x D	mm	485 x 890 x 430
Weight	Net	kg	31
	Gross	kg	35
Discharge pipe diameter		mm	130
Discharge pipe length		mm	1500
Application area	Estimated	m ²	20-25-30
Compatibility	Wi-Fi / Smartphone App		-
Colour			White
EAN			5903246542783

Technical parameters are subject to change without notice.

*Value according to Blaupunkt standards

Enjoy it.



Moby Blue S 1111E (mod.'21)

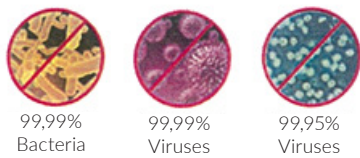
BAC-PO-1111-E06U | CAPACITY 3.2 kW/2.9 kW

Portable Air Conditioning

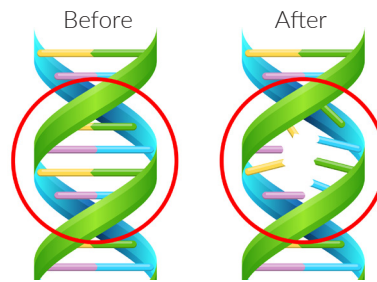
NEW FEATURE 2021

Sterilization technology is provided by  **SEOULVIOSYS**

Sterilisation with UV-C light



UV-C light efficiency of
microorganisms elimination



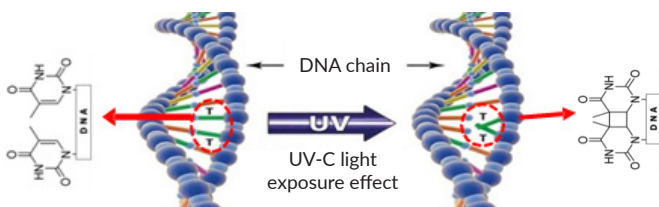
Destroyed DNA chain after
exposure to UV-C light

Disinfection by UV-C light: Reproduction is the key to the life cycle of microorganisms. Sterilising UV-C light penetrates their cell walls and destroys the structure of DNA molecules, preventing further reproduction.

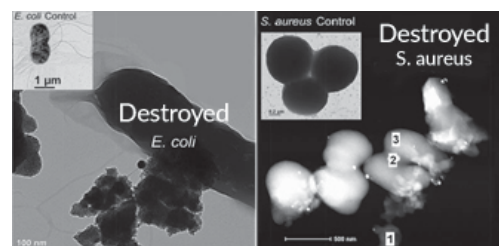
Modern UV-C LED lamps, despite their small size, provide a solid, very stable light source. UV-C LED lamps can be used for water and air filtration. They ensure safe and environmentally friendly photochemical process.

We have mounted the LED lamp in a way that will protect the user from direct contact with UV-C light.

UV-C light destroys DNA structure and reduces DNA replication possibilities



Destroyed bacteria: *E. coli* and *Staphylococcus aureus* after exposure to UV-C light

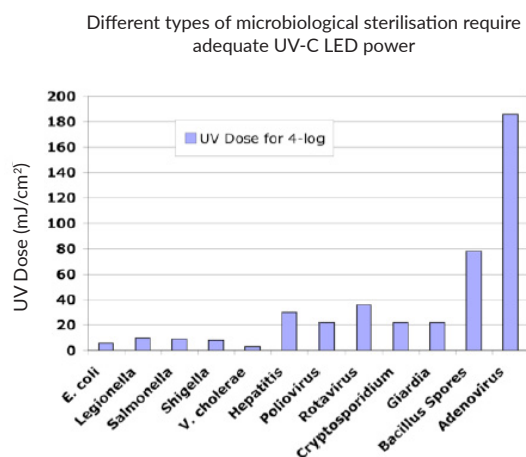
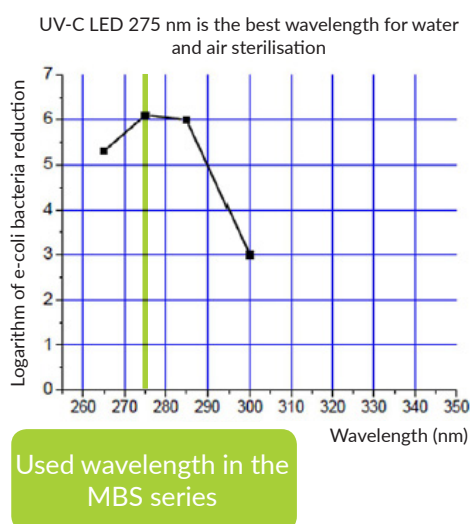


Requirements for UV-C LED sterilisation

The UV-C LED disinfection capacity is equal to the dose of UV light used for the job: the dose is the power of UV LED multiplied by the exposure time.

Not all microorganisms react to UV light in the same way. To kill 99.99% of E. coli, about 5 MJ/cm² is required (or 5 mW/sec/cm²). However, if there is no time limit, we can kill 99.99% E. coli in one minute, up to 0.08 mW/cm²!

Therefore, **the stronger the UV-C diode, the shorter the sterilization time.** Thanks to the appropriate system design, even resistant UV adenovirus can be effectively eliminated.



Air conditioners - '21 models



Model	Sterilisation lamp efficiency	Test
MBS09E (mod. '21)	95.62%	GB 21551.1-2010
MBS1111E (mod. '21)	95.62%	GB 21551.1-2010
MBS1111TB (mod. '21)	95.13%	GB 21551.1-2010

The supplier of UV-C VioLED modules for Mateko products is SeoulVIOSYS
www.seoulviosys.com.

Contact us

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