

### **Potok 150-M-01 standalone air decontamination unit, plastic**

The Potok<sup>®</sup> air decontamination technology is a patented method for destroying any types of air-borne microorganisms and viruses indoors. The technology is effective, which has been confirmed by the conclusions of leading Russian and foreign R&D establishments.

Air decontamination using the Potok<sup>®</sup> technology is achieved through affecting a microbial cell or the secondary and tertiary structure of virus macromolecules with permanent electric fields of a given orientation and intensity. The magnitude of electric field exposure is rated so that any micro-organisms and viruses are destroyed, regardless of species.

The technology is environmentally friendly. The equipment can be used around the clock in the presence of people and animals.

Potok<sup>®</sup> is the only air decontamination technology used aboard the International Space Station (Roscosmos and NASA segments).

The Potok<sup>®</sup> equipment reduces concentrations of microorganisms and viruses in the indoor air to minimum (background) values and maintains it at the level achieved. Live microorganisms and viruses are not accumulated inside functional decontamination units, which eliminates their instantaneous release after disabling and re-enabling the unit.



≥99.9%	<b>Inactivation efficiency rate</b>	≥99.9%
up to 130 m <sup>3</sup> /h	<b>Capacity (air flow)</b>	up to 120 m <sup>3</sup> /h
590x424x392 mm	<b>Dimensions, LxWxH</b>	250x250x400 mm
14 kg	<b>Weight</b>	10 kg
10 W	<b>Energy demand</b>	10 W
≤ 50 dBA	<b>Noise level</b>	≤ 50 dBA
Not required	<b>Consumables</b>	Not required
1 year	<b>Warranty period</b>	1 year