

# AIR DECONTAMINATION TECHNOLOGY USED BY NASA DESTROYS SARS-COV-2 AND ALL OTHER VIRUSES, BACTERIA AND MOLD

## Technical information

POTOK INTER (LLC)  
18 KHAVSKAYA STR., BLD.2,  
MOSCOW, RUSSIA

PHONE: +7 (495) 025-20-20  
EMAIL: [BD@POTOK.COM](mailto:BD@POTOK.COM)

[WWW.POTOK.COM](http://WWW.POTOK.COM)

## POTOK AIR DECONTAMINATION TECHNOLOGY

DESTROYS 99,9% OF ANY TYPES OF AIR-BORNE MICROORGANISMS, INCLUDING BACTERIA, VIRUSES, MOLD AND YEAST

### IMPORTANT ADVANTAGES

**01 Effectiveness of inactivating microorganisms**  
at least 99.9%\*

**03 Nonselectivity**  
destruction of all types of microorganisms and viruses, including antibiotic-resistant strains

**05 Durability**  
service life of the equipment is 10 years

**07 Environmentally friendly**  
no chemicals are used for inactivation, equipment does not require special disposal

**02 Filtration (of the destroyed biomass) effectiveness**  
similar to H11-H14 class filters




**04 Safety**  
work in the presence of people

**06 Energy saving**  
consumption is similar to that of an LED light bulb

\* According to tests taken by Scriabin Institute of Biochemistry and Physiology of Microorganisms

## POTOK STANDALONE UNITS




STANDALONE UNITS DON'T NEED TO BE CONNECTED WITH THE CURRENT HVAC SYSTEMS. THIS PROFESSIONAL AIR DECONTAMINATING EQUIPMENT CREATES LOCAL CLEAN ZONES IN HEALTHCARE AND FOOD INDUSTRY FACILITIES

№	Air decontamination unit «Potok 150-M-01» standalone	Model, capacity, m <sup>3</sup> /h	Dimensions, mm	Weigh, kg	Energy consumption, W	Extra Info	For rooms having a floor area...*
1		<b>SAP120, up to 120</b>	250x250x400	10	10	table-type, in a plastic case	Up to 20 m <sup>2</sup>
2		<b>SAP130, up to 130</b>	590x424x392	14	10	table- or wall-type, in a plastic case, has the CE mark	Up to 20 m <sup>2</sup>
3		<b>FAS170S, up to 200</b>	582x330x376	19	20	table- or wall-type, in a stainless steel case	Up to 30 m <sup>2</sup>

\* The calculation was made for rooms with a 3 meters walls' height

## POTOK STANDALONE UNITS

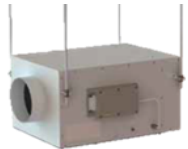
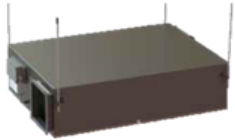

STANDALONE UNITS DON'T NEED TO BE CONNECTED WITH THE CURRENT HVAC SYSTEMS. THIS PROFESSIONAL AIR DECONTAMINATING EQUIPMENT CREATES LOCAL CLEAN ZONES IN HEALTHCARE AND FOOD INDUSTRY FACILITIES

№	Air decontamination unit «Potok 150-M-01» standalone	Model, capacity, m <sup>3</sup> /h	Dimensions, mm	Weigh, kg	Energy consumption, W	Extra Info	For rooms having a floor area...*
4		<b>SAP600, up to 600</b>	700x700x350	45	100	ceiling-mounted unit, in a plastic case	Up to 100 m <sup>2</sup>
5		<b>SAP900, up to 900</b>	860x630x1715	110	200	floor standing, in a painted steel case	Up to 150 m <sup>2</sup>
6		<b>FAS1000, up to 1000</b>	860x630x1715	110	200	floor standing, in a stainless steel case	Up to 170 m <sup>2</sup>

\* The calculation was made for rooms with a 3 meters walls' height




## POTOK INDUCT MOUNT UNITS

TO CREATE CLEAN ROOMS OR LOCAL ZONES INDUCT MOUNT UNITS ARE INTEGRATED INTO THE GAP OF THE VENTILATION CHANNEL IN THE NEAREST POSSIBLE PLACE FOR INSTALLATION (BEHIND THE SUSPENDED CEILING, IN TECHNICAL ROOMS ETC.)

№	Air decontamination unit «Potok 150-M-01»	Model, capacity, m <sup>3</sup> /h	Dimensions, mm	Weigh, kg	Energy consumption, W	Extra Info	Union flange size, mm
7		<b>FED180, up to 180</b>	570x429x279	15	10	Painted steel case	D160
8		<b>FED360, up to 360</b>	724x574x278	23	10	Painted steel case	D200
9		<b>FED540, up to 540</b>	1044x750x280	41	10	Painted steel case	200x200
10		<b>FED720, up to 720</b>	1347x798x280	53	10	Painted steel case	200x200


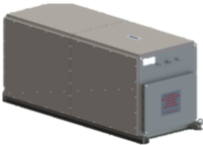

## POTOK INDUCT MOUNT UNITS

TO CREATE CLEAN ROOMS OR LOCAL ZONES INDUCT MOUNT UNITS ARE INTEGRATED INTO THE GAP OF THE VENTILATION CHANNEL IN THE NEAREST POSSIBLE PLACE FOR INSTALLATION (BEHIND THE SUSPENDED CEILING, IN TECHNICAL ROOMS ETC.)

№	Air decontamination unit «Potok 150-M-01»	Model, capacity, m <sup>3</sup> /h	Dimensions, mm	Weigh, kg	Energy consumption, W	Extra Info	Union flange size, mm
11		<b>FED900, up to 900</b>	1636x810x280	65	10	Painted steel case	300x200
12		<b>FED1000, up to 1000</b>	1650x900x280	65	10	Painted steel case	300x200
13		<b>FED1000SS, up to 1000</b>	1650x900x280	70	10	Stainless steel case	300x200




## POTOK INDUCT MOUNT UNITS

TO CREATE CLEAN ROOMS OR LOCAL ZONES INDUCT MOUNT UNITS ARE INTEGRATED INTO THE GAP OF THE VENTILATION CHANNEL IN THE NEAREST POSSIBLE PLACE FOR INSTALLATION (BEHIND THE SUSPENDED CEILING, IN TECHNICAL ROOMS ETC.)

№	Air decontamination unit «Potok 150-M-01»	Model, capacity, m <sup>3</sup> /h	Dimensions, mm	Weigh, kg	Energy consumption, W	Extra Info	Union flange size, mm
14		<b>FED1800, up to 1800</b>	1220x650x600	101	20	Painted steel case	500x250
15		<b>FED3600, up to 3600</b>	2350x650x820	200	40	Painted steel case	500x400
16		<b>FED6500, up to 6500</b>	2350x965x820	280	60	Painted steel case	700x400

## POTOK LAMINAR FLOW MODULES

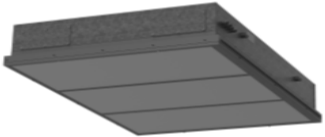
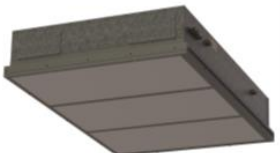


LAMINAR FLOW MODULES ARE DESIGNED TO DISCHARGE THE UNIDIRECTIONAL AIRFLOW AT A SPEED FROM 0.24 TO 0.3 M/S INTO THE WORKING AREA OF CLEAN ROOMS (FOR EXAMPLE, TO SURGICAL TABLE ZONE)

№	Air decontamination unit «Potok 150-M-01»	Model, capacity, m <sup>3</sup> /h	Dimensions, mm	Weigh, kg	Energy consumption, W	Extra Info	Union flange size, mm
17		<b>LAD180, up to 180</b>	677x653x320	33	10	Painted steel case	150x150
18		<b>LAD360, up to 360</b>	909x660x320	40	10	Painted steel case	200x150
19		<b>LAD540, up to 540</b>	1245x660x320	52	10	Painted steel case	250x150



## POTOK LAMINAR FLOW UNITS

LAMINAR FLOW UNITS ARE DESIGNED TO DISCHARGE THE UNIDIRECTIONAL AIRFLOW AT A SPEED FROM 0.24 TO 0.3 M/S INTO THE WORKING AREA OF CLEAN ROOMS (FOR EXAMPLE, TO SURGICAL TABLE ZONE)

№	Air decontamination unit «Potok 150-M-01»	Model, capacity, m <sup>3</sup> /h	Dimensions, mm	Weigh, kg	Energy consumption, W	Extra Info	Union flange size, mm
20		<b>LAD2160, up to 1800</b>	2495x1265x320	220	30	Painted steel case	400x150
21		<b>LAD2160, up to 2160</b>	1044x750x280	175	30	Painted steel case	860x150
22		<b>LAD4320, up to 4320</b>	1950x2650x320	350	60	Painted steel case	2 flanges, each 860x150
23		<b>LAD8640, up to 8640</b>	3300x3300x320	700	120	Painted steel case	4 flanges, each 860x150