

Controller

RJ-05

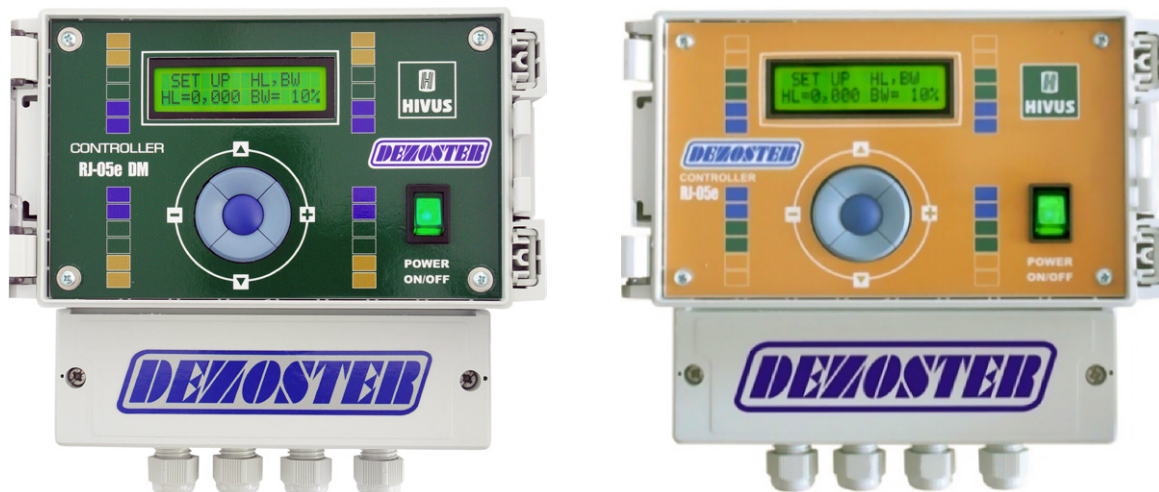
The RJ-05 controller is used for sophisticated **time control and intensity regulation of all DEZOSTER devices**.

In cooperation with **OS-11 ozone sensors**, it ensures **ozone concentration** in the treated area does not rise above required level (for example hygiene limit).

The controller **can also be connected to HDL O₃ electronic datalogger** to record and store measured values on a long-term basis.

FEATURES

- **Time control and intensity regulation** of DEZOSTER devices
- In cooperation with OS-11 ozone sensors, it ensures **ozone concentration in the treated area** does not rise above required level (for example hygiene limit)
- **Long-term recording of measured values** through the connected HDL-O₃ electronic datalogger
- **Identification of the operating status** and possible malfunction of DEZOSTERS and sensors (by the optional IDM module)



BASIC PARAMETERS OF CONTROL UNITS FOR DEZOSTER IONIZATION SYSTEMS

MODEL	RJ-05e DM	RJ-05e
Application	Ionization in the air duct	Ionization in space
Compatibility	<ul style="list-style-type: none"> • Ionizers for air ducts DEZOSTER DM and DEZOSTER TM • Wall ionizers (without fan) DEZOSTER PT 	<ul style="list-style-type: none"> • n/a • Wall ionizers (with fan) DEZOSTER PT-FAN
Regulated outputs	<ul style="list-style-type: none"> • 2 x Ionization intensity • 2 x 500 W 	<ul style="list-style-type: none"> • 1 x Ionization intensity • 1 x ON/OFF (230 V/50 Hz)
Primary sensors	<ul style="list-style-type: none"> • 1x ozone sensor (as a standard), maximum of 4x ozone sensors • 1x fan operation (as a standard), voltage-free signal 	<ul style="list-style-type: none"> • 1x ozone sensor (as a standard), maximum of 4x ozone sensors • n/a
Optional sensors	<ul style="list-style-type: none"> • VOC (Volatile Organic Compounds) • Opening the door ON/OFF • Safety ozone sensor ON/OFF 	<ul style="list-style-type: none"> • n/a • Opening the door ON/OFF • Safety ozone sensor ON/OFF
User mode	<ul style="list-style-type: none"> • Daily, weekly and time regulation of performance • Ten levels of ionization intensity • PWM power regulation (based desired ozone concentration value) 	<ul style="list-style-type: none"> • Daily, weekly and time regulation of performance • Ten levels of ionization intensity • n/a
Data transfer via PC	<ul style="list-style-type: none"> • Monitoring the status of ionizers and sensors • Control parameters setup • Service mode 	<ul style="list-style-type: none"> • Monitoring the status of ionizers and sensors • Control parameters setup • Service mode
Recording of ozone values	(Optional) Electronic ozone datalogger HDL-O ₃	(Optional) Electronic ozone datalogger HDL-O ₃

