

Lara Systems – Automatic Air Handling Unit and Air Duct Disinfection System

Product Datasheet

Lara Systems is a revolutionary automatic disinfection system designed for the disinfection of Air Handling Units and Air duct systems. The purpose of the system is to provide healthy, safe, and high-quality air in any enclosed space. Integrated into the air handling unit and the ductwork, the device automatically disinfects the entire air technology system.

Lara Systems device

Size and Weight

Length, with pipe connectors : 626 mm
Width : 260 mm
Height, with mounting bracket : 266 mm
Weight : 15 kg



Electrical and Operating Requirements

Line voltage : 230 V AC
Frequency : 50 Hz, single phase
Operating temperature : 5 - 40 °C
Recommended duct size diameter : 300 - 2000 mm

Operating parameters

Consumption : 150 Wh
Spraying pressure : 1,5 bar

Splash, Water, and Dust Resistant

IP54

Installation	Universal mounting bracket : vertical or horizontal installation
Connections	Wired network : UTP (EJ45 Ethernet) connection Water connection : 3/4 col (19 mm)
Cellular connection	Integrated mobile internet connection
Wireless connection	Wi-Fi Bluetooth
Basic functions	Converting a wide-spectrum disinfectant mixture of water–chemical–air into a spray Atomizing the spray into the air handling unit and the duct network Atomization at 2 or 3 points
Disinfection functions	Automatic disinfection cycles Immediate disinfection Scheduled disinfection Deep disinfection
Features	Dot-matrix status display Pull-out disinfectant drawer : 1.5-liter capacity Pull-out filter holder drawer
Certifications	CE certification
Warranty	24 months
In the box	Lara Systems disinfection device (1 pc) Sprayer nozzle (2 pcs) Spacer (2 pcs) Duct-mounting adapter (2 pcs) Lara hose (2 × 6 m) Lara Disinfectant hose (2 × 6 m) Lara Disinfectant solution (1.5 liters) Mounting bracket (1 pc) Water connection hose (1 pc) Power cable (1 pc) User manual (1 pc)

Lara Disinfectant solution

Active Ingredients	Hydrogen peroxide & silver
Properties	Color : colorless Odor : odorless Physical state : liquid Melting/freezing point : approx. 0 °C Boiling point : approx. 100 °C Flammability: non-flammable Auto-ignition temperature : non auto-igniting pH : 2 – 2.5 (at 20 °C) Solubility : fully miscible with water in all proportions
Functions	Elimination of viruses, bacteria, pathogens, fungi, biofilm and allergens

Lara APP

Platforms & Compatibility	PC Tablet : Android & iOS Smartphone : Android & iOS
Functions	Control of Lara Systems devices Adding new devices Live status monitoring and notifications Scheduling automatic disinfection cycles Starting immediate disinfection Starting deep disinfection Setting one-time scheduled disinfection Inviting users Team organization
Languages	Hungarian English

