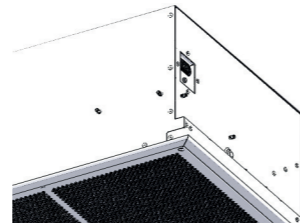


## Accessories

**Magnetic door contact:** For fully autonomous mode the unit is equipped with a magnetic sensor with a magnetic counterpart with a connector for fast & easy connection. With door contact enabled, the air curtain automatically switches the fans ON in a moment when the door opens. After closing, the 30 seconds timer is activated. The unit switches the fans OFF provided the door stays closed. If the door is opened during this period, the 30 second interval is reset. This provides much smoother operation and contributes to the longevity of the fans.



**Power cord:** The unit is equipped with a 2 meter-long power cord complying with all electrical norms valid in Saudi Arabia. The connecting point is located on the top of the unit.

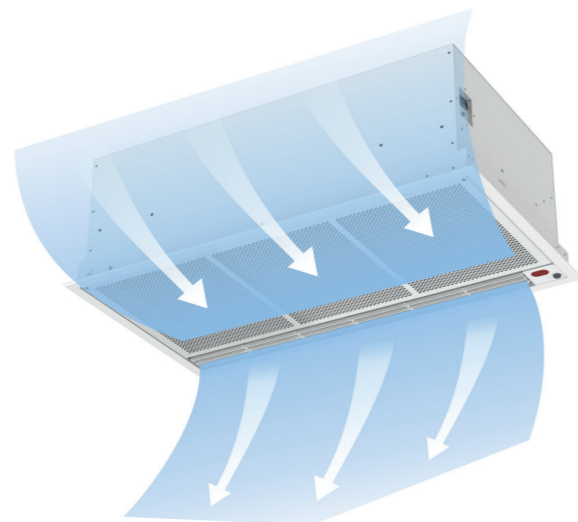
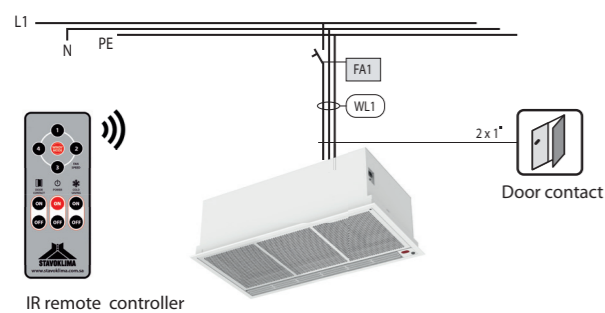


### Controller: IR remote controller

- The air curtain is controlled using a remote IR (infra red) controller that comes with the unit. For reliable control, visual contact between the unit and the remote controller is required. The controller is universal and can be used to control any Stavoklima air curtain equipped with IR receiver.
- Four individual fan speed levels are available for optimal setting. Once a fan speed level is selected, all fans switch to the desired speed regardless whether manual control or automatic control (door contact) is engaged. The unit stores the last active fan speed in the internal memory and keeps track of the fan speed setting even during shut down.
- The controller also enables switching between preset modes - normal, windy and coldsaving.
- The remote controller is equipped with a door contact override switch that enables full manual control of the air curtain regardless of the door state.
- The controller is powered by standard 2x AAA battery - 2x 1,5 V (the batteries are not part of the delivery).



### Ambient air curtain ECON-C II IR – diagram



#### Table of cables and protection

FA1	1 x 10A/C
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## Suspended ceiling air curtain

# Econ C II IR

Representative:



**STAVOKLIMA Saudi**

Dar Almawared Est. Trading  
Riyadh, Abi Baker As Siddiq Rd.  
tel. +393 497 307 907  
[www.stavoklima.com.sa](http://www.stavoklima.com.sa)



[www.stavoklima.com.sa](http://www.stavoklima.com.sa)

Description

Econ-C II IR is the air curtain designed for hidden installation in the suspended ceiling. Owing to its discrete design the air curtain is suitable for high aesthetic demand interiors, complements harmonically the space, and also meets all functional requirements. The air curtain forms a natural air barrier against penetrating hot air in the air-conditioned environment and protects against undesirable smell, insects, and dust. In these installations, the air curtain will meet all requirements for the energy-saving equipment and thermal comfort in the building.

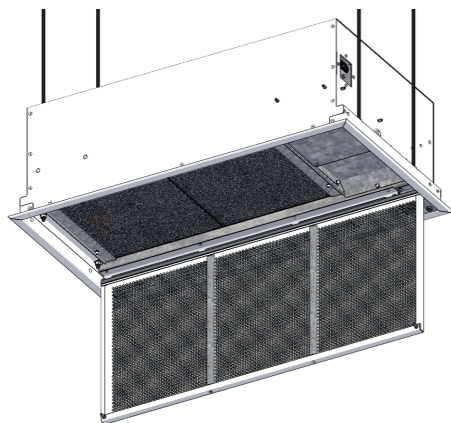
Standard dimension line and simple design predetermines Econ-C II IR for use in individual shops in office buildings, boutiques, restaurants, banks, or hotels.

Competitive price, easy installation, plug & play connection, silent operation, high build quality and maintenance-free German made radial fans are its main selling points. The air curtain can be operated manually using the remote controller or automatically via magnetic door contact with a timer. The unit is fitted with manually adjustable outlet grill and 4 fan speed levels, the default paint is RAL 9010 (white).

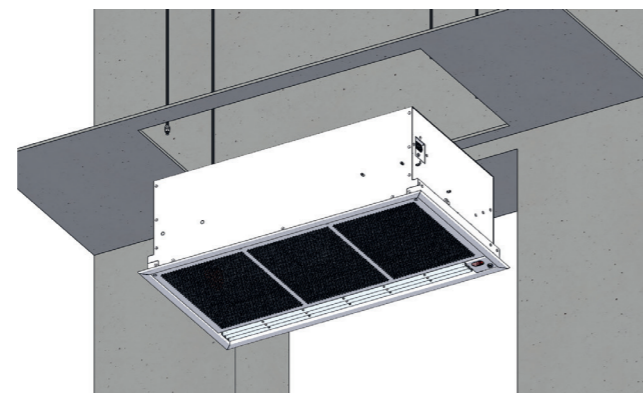
The main advantages of the Econ-C II IR curtain consist in its price availability, quick and easy assembly, low noise level, low weight, the best quality materials and components used, and last but not least compact dimensions of the product.

Basic features:

- location: horizontally only, hidden into the suspended ceiling
- version: without heating, the air curtain operates with drawn air only
- for door heights 2.7
- suitable for door widths: 1.0; 1.5; 2.0m
- colour design: zinc-coated steel cover, suction grid and covering frame normally in RAL 9010 (white), exhaust grid slats from anodized aluminium
- the air curtains are fitted with EU3 effective filter that can be replaced, if needed
- suction grid being also used as service door for easy service access
- interior arrangement of the air curtain designed to make all components accessible
- optional additional lining up the air curtain after embedding into the suspended ceiling (indoor access)

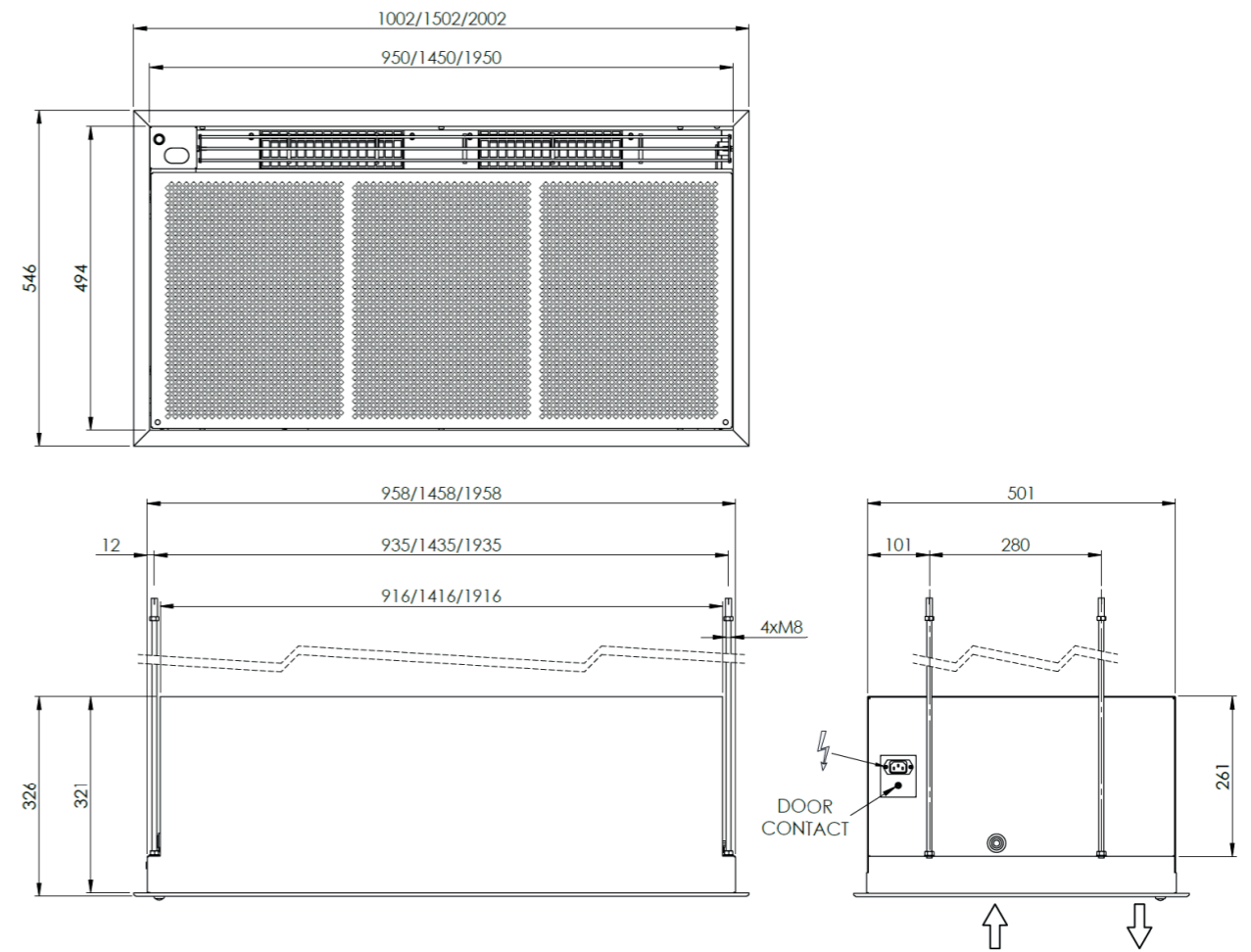


In case of necessary service interventions or maintenance, the Econ-C II IR door curtain has an easily openable suction grille and a tilting filter.



Due to the possibility of internal access to the suspension components, the door curtain can be additionally leveled after installation in the ceiling.

Dimensional parameters and technical data



Technical specifications		Econ-C II 100 IR	Econ-C II 150 IR	Econ-C II 200 IR
Air volume (fan speed 4, 3, 2, 1)	[m <sup>3</sup> /h]	2050	3300	3850
		1725	2750	3150
		1350	2100	2550
		1050	1650	2050
Length	[mm]	100	150	200
Power	[V]	220	220	220
Number of fans	[pcs]	2	3	4
Nominal power	[kW]	0,6	0,9	1,2
Nominal current	[A]	3	4,5	6
IP protection level	IP	20	20	20
Controller	type	IR	IR	IR
Outlet width	[mm]	60	60	60
Noise level at a distance of 3 m	[dB(A)]	58,5	60	60,5
Weight	[kg]	49	69	95

fan speed voltage: stage 4 - 180V, stage 3 - 160V, stage 2 - 140V, stage 1 - 120V  
 fans: safety margin 15% for 60 Hz voltage frequency  
 technical data can differ according to product models and installed components