

Recuperators IZZI V.302/402 ERV CONNECT with Wi-Fi module



Description

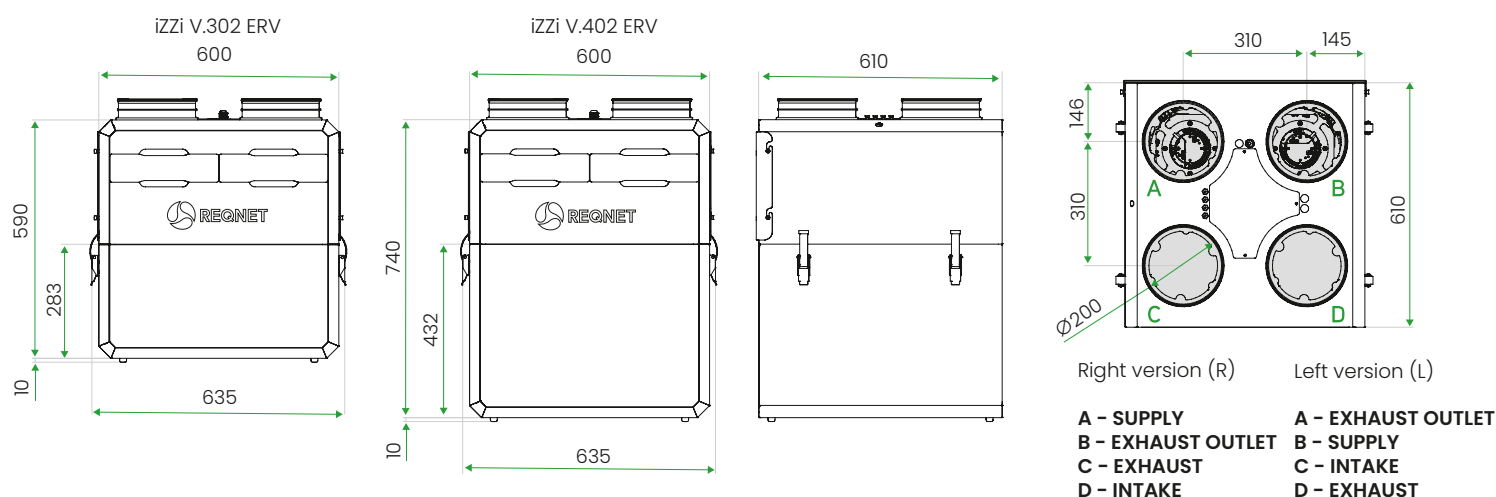
IZZI V.302/402 ERV CONNECT with Wi-Fi module are **compact units** with an innovative modular design, which consist of two independent and interconnected parts - upper and lower. In the upper part, there are the main elements of the device, i.e. automation, **EC fans**, sensors and filters. In the lower suspended part, there is a durable enthalpy exchanger with a polymer membrane, which allows to recover, in addition to thermal energy, also moisture.

The **compact dimensions and well-thought-out design** of IZZI V.302/402 ERV CONNECT allow for easy installation on the wall, in a built-in wardrobe, above a washing machine or refrigerator.

Such an installation can be done by one person on their own. Thanks to the built-in **Wi-Fi module**, which allows you to control the device from anywhere in the house, there are no restrictions on the location of the control panel due to the need for users to access the device on a daily basis.

IZZI recuperators can be expanded with **additional control elements**, such as a **constant flow module** or a **CO₂/humidity measurement module**. The V series models have **connection spigots** positioned **vertically upwards**, which allows for wall or floor standing mounting.

Dimensions



Equipment of the **IZZI series** recuperators



EC fans



Control panel



Constant flow system (option)



Built - in CO₂ and humidity sensor (option)



Extensive automation



Automatic by-pass 100%



Universal mounting system



Antismog box (option)



No condensation

Model	IZZI V.302 ERV CONNECT			IZZI V.402 ERV CONNECT		
Maxiumum air flow	300 m³/h at 150 Pa			400 m³/h at 150 Pa		
Heat recovery efficiency	up to 85%					
Exchanger type	cross-current					
Exchanger variant	ERV – enthalpy (with heat and moisture recovery)					
Exchanger material	plastic + polymer membrane					
Moisture recovery efficiency	up to 65%					
Maximum fan power	165 W			210 W		
Efficiency	I gear – 30% (90 m³/h at 50 Pa)	II gear – 60% (180 m³/h at 100 Pa)	III gear – 100% (300 m³/h at 150 Pa)	I gear – 30% (100 m³/h at 50 Pa)	II gear – 60% (250 m³/h at 100 Pa)	III gear – 100% (400 m³/h at 150 Pa)
Energy consumption	20 W	59 W	164 W	20 W	73 W	205 W
Sound power level emitted by the housing at 1 m	26 dB(A)	35 dB(A)	43 dB(A)	28 dB(A)	38 dB(A)	48 dB(A)
Sound power level - nominal value	38 dB(A)			41 dB(A)		
Fans	radial Radical with DC EC motor					
Energy efficiency class	A (for a temperate climate in accordance with Directive 2009/125/EC and European Commission Regulation No. 1254/2014)					
Bypass	automatic, isolated, 100% supply air bypass					
Anti-freeze system	vacuum, operating only below the temperature of - 7°C					
Control	via a mobile application (Android 8.0, iOS 16.0 or later) a web browser					
Compatibility with smart home systems	YES (REST API over HTTP, including ready-to-use integration with LOXONE)					
Filters	V.302/V.402 pleated class M5 (acc to EN779) / ePM10 ≥50% (acc to ISO16890)					
Connection spigots	4 x Ø200 mm					
Condensate drain	not equipped					
IP rating	IP 40					
Insulation class	I					
Supply voltage	230V (AC), 50Hz					
Housing material	stainless + composite board					
Weight (with dedicated rack)	26 kg			36 kg		
Dimensions (H x W x D)	600 x 645 x 610 mm			750 x 645 x 610 mm		
Accessories	WiFi or WiFi/LAN module Insulated connection spigots (EPP) 4xØ200 mm Power cable 2.8 m long Wi-Fi module controller cable 0.5 m long Stainless steel mounting bracket for wall/ceiling installation					
Optional peripheral devices	Constant airflow module CO2/humidity module IZZI SF200 filter box with preheater Ventilation push button Electric duct preheater Electric duct reheater GHE damper actuator Duct cooler					

ENERG

EU

UK

IT

FR

DE

ES

PL

CZ

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REQNET

IZZI V.302 ERV

A+

A

B

C

D

E

F

G

A

38

dB

300 m³/h

ENERGIA - EHEPTIV - ENEPTIEA - ENERGIA - ENERGY - ENERGIE - ENERG

2016

1254/2014

ENERG

EU

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REQNET

IZZI V.402 ERV

A+

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41

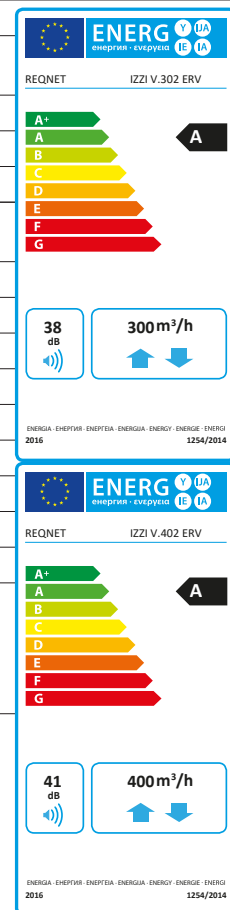
dB

400 m³/h

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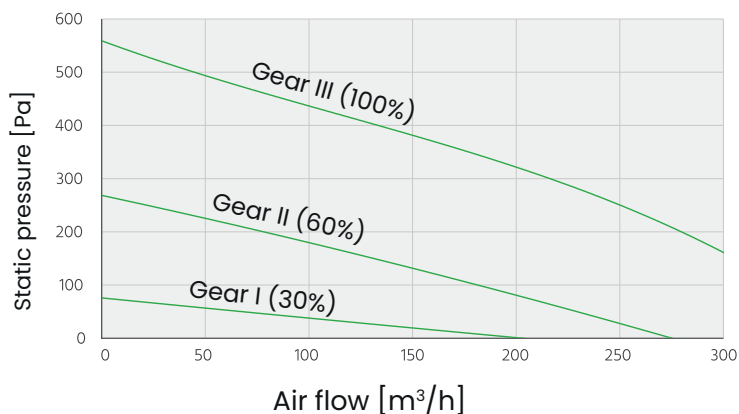
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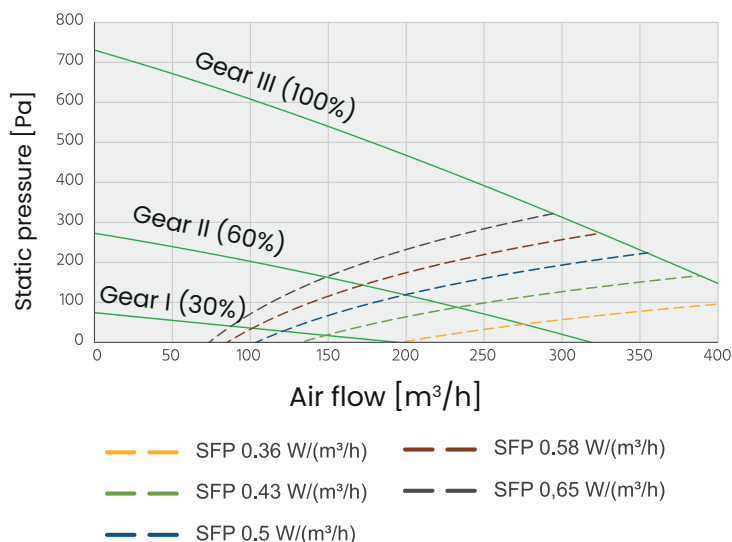


Flow characteristics

izzi V.302 ERV



izzi V.402 ERV



REQNET sp. z o.o.

Ul. Nowa Wieś 105, 32-420 Gdów

reqnet.eu | cennik24.pl

