

Recuperators

IZZI H.302 ERV CONNECT

with Wi-Fi module



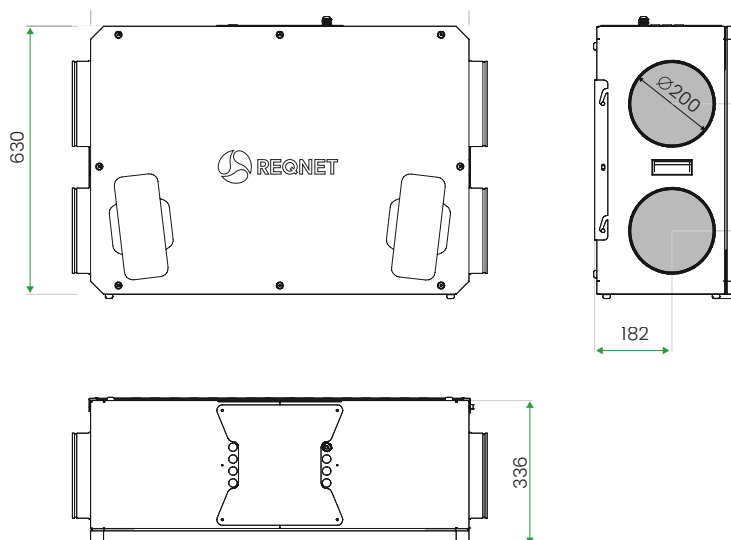
Description

IZZI H.302 ERV CONNECT with **Wi-Fi module** are compact recuperators with a universal mounting system. The control panel can be mounted under the ceiling, on the wall and placed on the floor. **The ERV enthalpy exchanger** with an innovative polymer membrane allows heat and moisture recovery from the exhaust air. **The lack of condensate drainage, flat design and intuitive control** allows for easy installation of the unit in places where it was not possible before. 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. The IZZI recuperators are also ideal for installation in apartments and houses that have already been finished and inhabited.

The quiet operation of the device, among others thanks to the use of special foam insulation and modern DC motors, allows it to be placed in the living space, e.g. above a suspended ceiling. The IZZI H.302 CONNECT recuperators can operate **even at sub-zero outside temperatures** without the need to install a preheater. The stainless steel casing with a composite board flap ensures durability and modern design.

The IZZI H.302 ERV CONNECT units can be equipped with a **constant flow module, a CO2 sensor and a humidity sensor** for automatic control of air quality in the house.

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

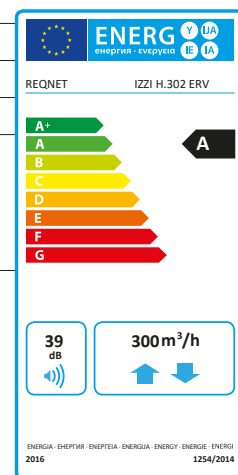


Antismog box (option)



No condensation

Model	IZZI H.302 ERV CONNECT		
Maximum air flow	300 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		
Efficiency	I gear (90 m³/h at 30 Pa)	II gear (180 m³/h at 100 Pa)	III gear (300 m³/h at 150 Pa)
Energy consumption	26 W	60 W	165 W
Sound power level emitted by the housing at 1 m	30 dB(A)	39 dB(A)	46 dB(A)
Sound power level - nominal value	39 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		
Filters	H.302 pleated class M5 (acc to EN779) / ePM10 ≥50% (acc to ISO16890)		
Compatibility with smart home systems	YES (REST API over HTTP, including ready-to-use integration with LOXONE)		
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+2 kg		
Dimensions (H x W x D)	336 x 889 x 630 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		



Flow characteristics

