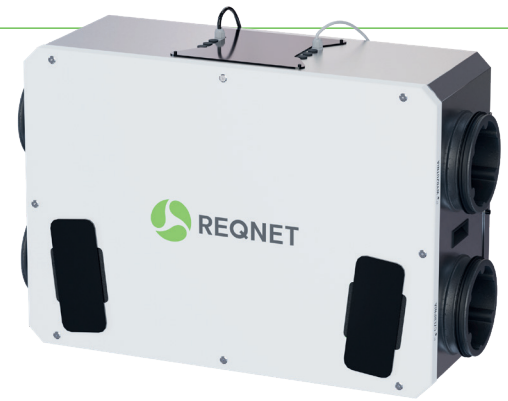


## Recuperators

# izzi H.302 ERV CONNECT

with Wi-Fi module



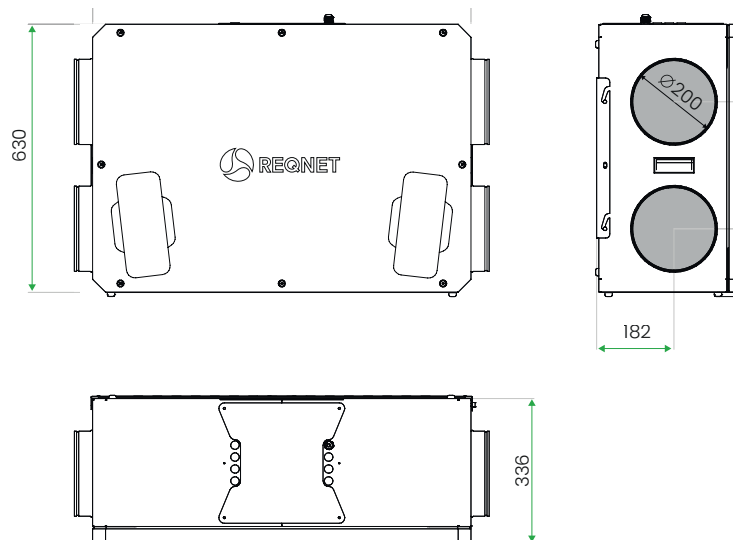
## Description

**izzi H.302 ERV CONNECT with Wi-Fi module** is a compact recuperator 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 recuperator is 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 recuperator 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 air handling unit 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 m <sup>3</sup> /h at 150 Pa		
Heat recovery efficiency	up to 85%		
Exchanger type	cross-current		
Exchanger variant	enthalpy (with moisture recovery)		
Exchanger material	plastic + polymer membrane		
Moisture recovery efficiency	up to 65%		
Maximum fan power	165 W		
Gears	I gear (90 m <sup>3</sup> /h at 30 Pa)	II gear (180 m <sup>3</sup> /h at 100 Pa)	III gear (300 m <sup>3</sup> /h at 150 Pa)
Energy consumption	26 W	60 W	165 W
The sound power level emitted by the enclosure at a distance of 1 meter	30 dB(A)	39 dB(A)	46 dB(A)
Sound power level - nominal value	39 dB(A)		
Fans	radial Radical with DC EC motors		
Energy efficiency class	A*		
Bypass	automatic, isolated, 100% supply air bypass		
Anti-freeze system	vacuum, operating only below the temperature of -7°C		
Controller	via a mobile application (Android 8.0 or later), a web browser		
Filters	pleated classes ePM10 75%**/ M5 *** H.302		
Diameter of connection spigots	4 x Ø200 mm		
Condensate drain	not equipped		
Protection rating	IP 40		
Insulation class of the device	I		
Temperature measurement tolerance	+/- 2°C		
Supply voltage	230V (AC), 50Hz		
Weight (with dedicated rack)	26+2 kg		
Dimensions (H x W x D)	336 x 889 x 630 mm		

\* for a temperate climate in accordance with Directive 2009/125/EC and European Commission Regulation No. 1254/2014

\*\* according to ISO 16890

\*\*\* according to EN779

## Flow characteristics

