



 **Casals**

 **VORTICE**
GROUP

RESIDENTIAL HEAT RECOVERY UNIT



www.casals.com

 design  tial
by **Casals**



High technology and simplicity at the command of efficient comfort for any home

Casals range of **desigNtial** energy recovery units was created with the aim of filling residential spaces with comfort without sacrificing design and aesthetics. A range equipped with high technology that requires heat recovery but, at the same time, with intelligent controls that allow comfortable and easy use, within the reach of anyone.

The 4 **desigNtial** by Casals heat recovery models allow any home to have an air renewal system taking advantage of the heated indoor temperature without the entry of new air from outside causing an energy loss.

From a single room to a 240 m² single family house, passing through smaller houses and even flats of any size, you will find in this family of recovery units the most suitable model depending on its surface and the number of inhabitants that occupy it.

Moving air safely and efficiently has become a maxim for these recovery units that meet the requirements of the ErP directive and in turn, they have been manufactured in accordance with the provisions of established safety standards.

All **desigNtial** by Casals recovery units are equipped with an EEC electronic motor that ensures very low consumption and extremely silent operation, as well as intelligent controls that allow working adapting to the needs of each moment according to the presence of more or fewer users or the load of the environment.

Rest better at night, feel the comfort of home in the living room, be it winter or summer without wasting the energy used to heat our environment is possible thanks to the **desigNtial** by Casals heat recovery units.

N! desigNtial
by Casals



Energy saving



Keeps air clean



Easy maintenance



Silent



IMQ Safety certificate to guaranty the electro-mechanical compatibility.

KRISONA EEC

° Casals DESIGN

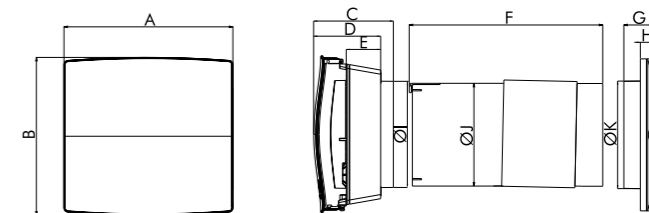
Decentralized heat recovery units for a single room



KRISONA EEC

BY Casals

- Decentralized heat recovery unit for a single room of up to 20 m².
- Thanks to its "fastening system" it is very easy to install on walls of a minimum thickness of 285 mm, up to 700 mm.
- Keep any space in your home with a clean air, comfortable, healthy environment, and totally silent both in winter and summer.
- It includes high efficiency (90%) washable filters with an easy access for maintenance.
- Integrated control in the recovery unit.
- Ideal for dining rooms, living rooms, bedrooms, home gyms, etc.



Measures	Airflow (m ³ /h)	Lp dB(A)	Installation	Surface (m ²)	Applications
40	41	23,6	Wall	20	Dining rooms, bedrooms, etc.

Ø	A	B	C	D	E	F	G	H	ØI	ØJ	ØK	ØL
40*	240	224	113	95	49	275	42	18	151	146	153	216

* 40 + HR - Option under request



KRISONA EEC DUO

° Casals DESIGN

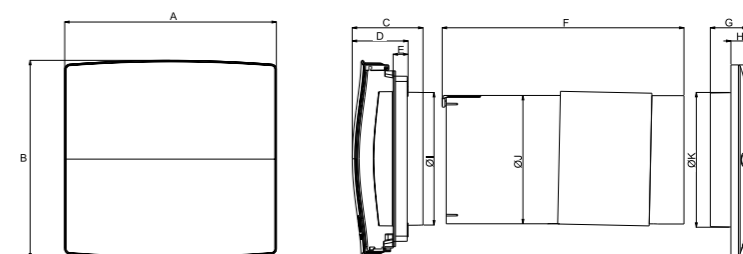
Decentralized residential wall heat recovery unit with wired remote control



KRISONA EEC DUO

BY Casals

- Decentralized heat recovery unit for a single room of up to 20 m².
- Thanks to its "fastening system" it is very easy to install on walls of a minimum thickness of 285 mm, up to 700 mm.
- Keep any space in your home with a clean air, comfortable, healthy environment, and totally silent both in winter and summer.
- It includes high efficiency (90%) washable filters with an easy access for maintenance.
- Deported control with the capacity to manage up to 6 KRISONA EEC decentralized recovery units.
- Ideal for dining rooms, living rooms, bedrooms, home gyms, etc.



Measures	Airflow (m³/h)	Lp dB(A)	Installation	Surface (m²)	Applications
40	41	23,6	Wall	20	Dining rooms, bedrooms, etc.

Ø	A	B	C	D	E	F	G	H	ØI	ØJ	ØK	ØL
40	240	224	80	64	17	275	42	18	151	146	153	216

MOOTA LP EEC

° Casals DESIGN

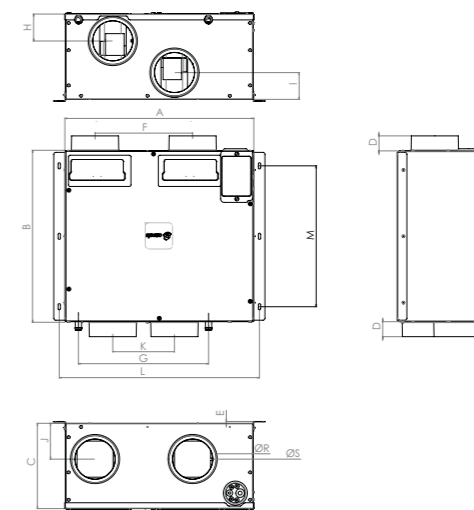
Residential heat recovery unit for false ceiling up to 80 m² with remote control



MOOTA LP EEC

BY Casals

- Heat recovery unit for houses up to 80 m².
- Thanks to its reduced profile, it is ideal for false ceiling installation.
- The remote control panel allows you to manage the recovery unit comfortably from anywhere in your home.
- Keep any space in your home with a clean air, comfortable, healthy environment, and totally silent both in winter and summer. It includes high efficiency filters (85%) and easy access for maintenance.
- EEC by Casals electronic motor and automatic thermodynamic bypass for fully efficient operation.
- Air flow up to 122 m³/h.
- To maintain comfort in all rooms of single family homes and floors at the same time without losing the temperature achieved with air conditioning.



Measures	Airflow (m ³ /h)	Lwa dB(A)	Installation	Surface (m ²)	Applications
120	Up to 122	42	False ceiling	80	Several rooms of flats

Ø	A	B	C	D	E	F	G	H	I	J	K	L	M	ØS	ØR
120	484	440,5	218	40	5	250	158	69	69	92	333	513	361	100	125

ORMEN EEC

◦ **Casals DESIGN**

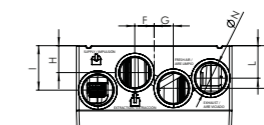
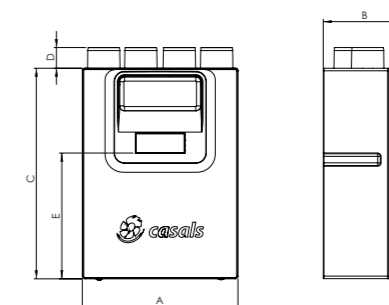
Residential heat recovery units for floor or wall up to 180 m²



ORMEN EEC

BY Casals

- Heat recovery unit for houses up to 180 m².
- Ideal for installation on floor or wall. For machine rooms or closets.
- The integrated remote control panel allows you to manage the recovery unit comfortably from anywhere in your home.
- Keep any space in your home with a clean air, comfortable, healthy environment, and totally silent both in winter and summer. It includes high efficiency filters (92%) and easy access for maintenance.
- EEC by Casals electronic motor and automatic thermodynamic bypass for fully efficient operation.
- Air flow up to 300 m³/h.
- To maintain comfort in all rooms of single family homes at the same time without losing the temperature achieved with air conditioning.



Measures	Airflow (m ³ /h)	Lp dB(A)	Installation	Surface (m ²)	Applications
300	300	24	Floor or wall	180	Several rooms of single-family houses

Ø	A	B	C	D	E	F	G	H	I	L	M	ØN
300	600	812	317	80	450	125	74	74	104	172	165	125

HIDRIDA LP EEC

° Casals DESIGN

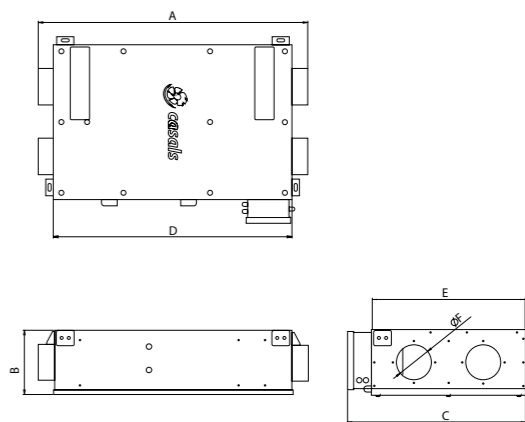
Residential heat recovery units for large surfaces



HIDRIDA LP EEC

BY Casals

- ° Heat recovery unit for large houses, from 90 to 240 m².
- ° Thanks to its reduced profile, it is ideal for false ceiling installation.
- ° The remote control panel allows you to manage the recovery unit comfortably from anywhere in your home.
- ° Keep any space in your home with a clean air, comfortable, healthy environment, and totally silent both in winter and summer. It includes high efficiency filters (90%) and easy access for maintenance.
- ° EEC by Casals electronic motor and automatic thermodynamic bypass for fully efficient operation.
- ° Maximum air flow 206 m³/h for HIDRIDA LP 200 EEC and 380 m³/h for HIDRIDA LP 350 EEC.
- ° To maintain comfort in all rooms of single family homes at the same time without losing the temperature achieved with air conditioning.

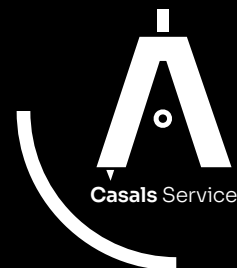


Ø	A	B	C	D	E	Ø
200	860	643	240	969	551	125
350	1183	740	288	1287	650	150

Measures	Airflow (m ³ /h)	Lp dB(A)	Installation	Surface (m ²)	Applications
200 / 350	206 / 380	22,8 - 16,7	False ceiling	90 - 240	Rooms of single family homes



by **Casals**



**DO YOU NEED HELP
WITH YOUR PROJECT?**

Casals Service
consultant help



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