

KRISONA DUO EEC



WALL DESCENTRALIZED RESIDENTIAL RECOVERY UNIT WITH WIRED REMOTE CONTROL

MANUFACTURING FEATURES

- Decentralized residential recovery unit for single-stack use in combination with a remote control (available as an accessory), connected by cable, wall-mounted and flush-mounted.
- Designed to minimize the aesthetic impact of the installed product, they are characterized by a particularly low-thickness wall frame (only 17 mm).
- Ultra low power consumption (2.8W to 8.6W), perfectly compatible with 24/7 operation.
- VMC unit for a single room, with alternating flows, with a very high efficiency heat recovery unit (up to 90%) and a ceramic exchanger cell in the form of a honeycomb.
- Fans with EC motor, to guarantee very low consumption, driven by low voltage and with shafts mounted on ball bearings.
- Extremely low noise levels, compatible with installation in living rooms (living room, study, bedroom) and use at night.
- Ventilation duct with damping mechanism, to avoid the risk of contaminants entering from the outside and to maximize thermal insulation in the event that the room is not occupied for long periods.
- Possibility of installation on exterior walls with a thickness between 300 mm and 700 mm (with optional accessory).
- Operation permitted in a wide range of outdoor temperatures (-20°/50°C).
- Degree of protection against dust and water: IPX4.
- Electrical insulation class: II (ground connection is not required).
- The remote control can manage up to a total of 6 decentralized recuperators.

SOME CONTROL FUNCTIONS

Using the remote control (must be ordered separately) you can access the following options:

- Selection of 3 operating modes: Heat recovery, normal ventilation without heat recovery, and air extraction.
- Speed Selection
- Boost speed
- Filter status LED indicator: off for clean filters and on if filters are dirty and need to be replaced.

APPLICATIONS

- Decentralized ventilation unit with heat recovery specifically designed for air exchange in residential spaces characterized by high levels of thermal insulation.
- For rooms up to 20m² for each recovery unit.

Accessories



ACC **FERRIT A** **KRISONA CTRL-DUO** **PM**



REP **RINOX** **RINOX BACC** **RPS**



SHR **SPS** **SPS-DIN** **STEMP**



TB

Technical data

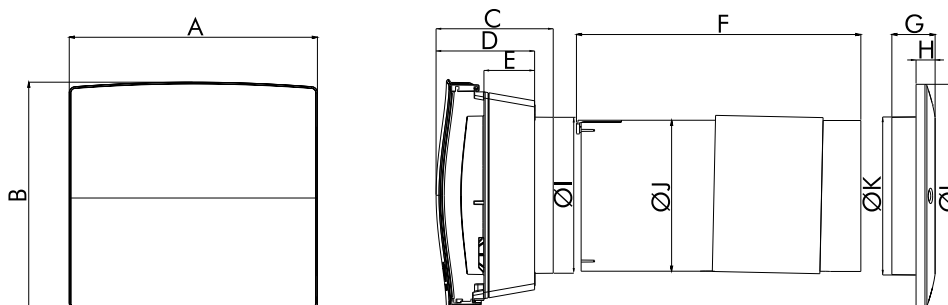
Single-phase motor

Code	Model	R.P.M.	Rated I. A 230V	Rated power kW	Max. Airflow m ³ /h	Sound db (A)**	Weight kg	Connect. diagram
KRISEC40D	KRISONA 40 EEC DUO	-	0,05	0,01	41	-	2,55	1

Notes:

** Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

Dimensions

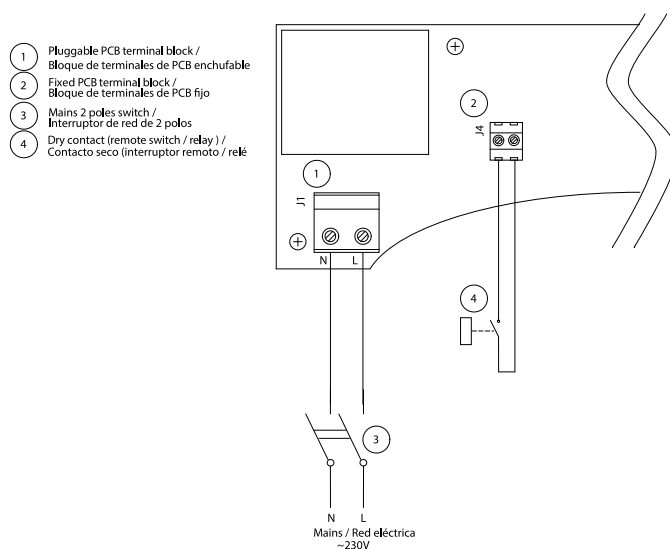


Model	A	B	C	D	E	F	G	H	ØI
KRISONA 40 EEC DUO	240	224	80	64	17	275	42	18	151

Model	ØJ	ØK	ØL
KRISONA 40 EEC DUO	146	153	216

Wiring diagram

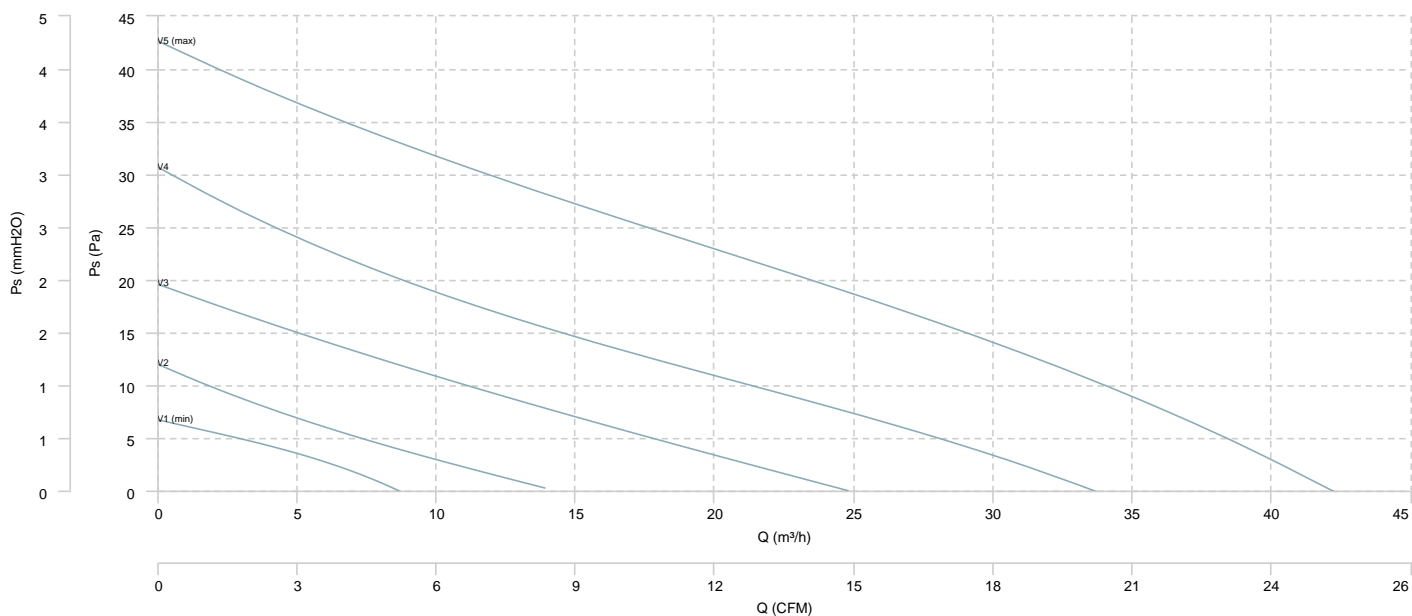
Wiring diagram Nº 1



CHARACTERISCTIC CURVE

KRISONA 40 EEC DUO

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER

