



50/60 Hz



AC & EEC VERSION

# CHELYS SIGILA

RESIDENTIAL / TERTIARY > CHELYS SIGILA

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# CHELYS SIGILA

## > ADVANTAGES

- ✓ Silent in-line fan thanks to the inner insulated casing with 50mm thick rock wool
- ✓ Efficient motor and conic impeller to increase the pressure. AC and EC version.
- ✓ Quick brackets for easy wall installation
- ✓ Higher flow rate than other manufacturers and lower consumption
- ✓ Compact design ideal for small spaces
- ✓ Guide vanes to reduce turbulence and noise level



## > THE QUIETEST INLINE FAN <

## > MANUFACTURING FEATURES

- ✓ In-line fan made of coated steel with black polymer.
- ✓ Thermal and acoustic insulation of 50mm thick rock wool. The inner casing perforation let sound waves pass through the holes and fall at a specific angle to the sound-absorbing layer thus providing sound attenuation in a broad frequency band.
- ✓ Conic impeller with special blade profiling to increase air flow speed and provide higher pressure and air capacity.
- ✓ Internal housing and impeller made of durable, high quality ABS plastic.
- ✓ External connection box completely sealed.
- ✓ Single-phase 2-speed motor (CHELYS SIGILA), with long-life ball bearings (40,000h) with thermal protector. Standard voltages 230V 50/60Hz.
- ✓ Brushless motor (CHELYS SIGILA EEC) made of high efficiency and permanent magnet and low noise, controlled by means of a 0-10V control signal.
- ✓ IPX4 protection.

## > APPLICATIONS

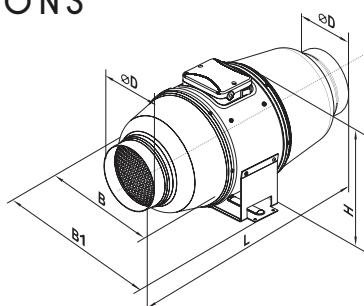
Combined supply and exhaust ventilation systems of commercial, residential and industrial spaces with stringent noise requirements, with many hours of operation such as:

- ✓ Air renovation in bathrooms and small rooms.
- ✓ Ideal for restaurants and building extraction
- ✓ Libraries, conference halls, classrooms, schools and kindergarden playrooms, small bars
- ✓ Working temperature: 60°C (CHELYS SIGILA); from -25 to +55°C (CHELYS SIGILA EEC).

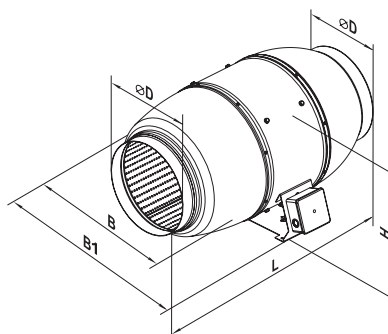
## > UNDER REQUEST

- ✓ Timer.
- ✓ Special voltages.

## > DIMENSIONS



MODEL	B	B1	H	L	ØD
CHELYS SIGILA 100	215	243	237	505	98
CHELYS SIGILA 125	215	243	237	474	123
CHELYS SIGILA 150	247	274	260	580	147
CHELYS SIGILA 160	247	274	260	580	157



MODEL	B	B1	H	L	ØD
CHELYS SIGILA 200	293	386	295	550	198
CHELYS SIGILA 250	358	445	360	658	248
CHELYS SIGILA 315	432	520	434	780	313

## > GUIDE VANES

- ✓ Redirects air to laminar flow
- ✓ Reduce exit turbulence
- ✓ Increase efficiency
- ✓ Reduce the noise level

## > CONICAL IMPELLER

- ✓ Increases the outlet surface by reducing the pressure drop, and thereby increases the outlet pressure.

