AIRLYTE

Heat recovery for single room installation

Product informations

The single room system ***AIRLYTE*** si an aerator with ceramic heat recovery with efficiency up to **93%**. It is ideal for single domestic applications, such as dining room, living room and bed room. The **shutter** prevents undesired external entry wihile tuned off. The front cover is in ABS.

SPECIFICATIONS

Heat recovery unit equipped with DC ball bearing motorimpeller, **brushless** with electronic commutation and separate dust filters. It is possible adjust air flow (speed) using a dedicated remote control.

OPERATION

The product is supplied with a ceramic heat exchanger that accumulates heat during the extraction of hot air coming from the room while, during the air intake from the outside, the device transfers to the inlet cold air, the thermal energy stored in the heat exchanger. The product runs **70 seconds** in extraction and 70 seconds in intake reversing the cycle with open tilting front cover.

Available versions:

The AIRLYTE 1.0 version's main technical features:
- ON/OFF
- Up to 3 speeds, adjustable via remote control;
- Possibility to control by remote (wall switch not supplied).

The AIRLYTE 2.0 version's main technical features:
- Wire connection between master and slave units;
- PLUS remote control;

TECNOGAS
I percorsi della tecnologia.

Via Marco Polo 33
35020 Albignasego
Padova – Italy

P.IVA: 03859580288
Tel: +39 049 8625910
Mail: info@tecnogas.net

- Integrated humidity and twilight sensors which allow several automatic functioning modes (see remote control);
- Up to 16 units communicating in sequence in the same system in master/slave mode, through easy dip switches configuration;
- 3 adjustable speeds (plus night version).

Available accessories for AIRLYTE 1.0 and AIRLYTE 2.0

The AIRLYTE 1.0 model comes with a three-button remote control (SKU 14399) that allows you to switch the device on and off and adjust the three preset speeds.

The AIRLYTE 2.0 model comes with a remote control featuring several buttons (SKU 14417) that allow you to control various functions, including adjusting the airflow speed, controlling humidity, directing the airflow, selecting automatic or manual mode, and activating the night mode. Furthermore, it allows you to manage up to 16 devices in a master/slave system with simple configuration via DIP switches.

AIRLYTE 2.0 optional accessories

For the AIRLYTE 2.0 version only, you can optionally purchase a remote control with an LCD display (SKU 14415), which performs the same functions as the standard remote control, but features a more elegant and modern design. You can also purchase the remote control panel with display (SKU 14416), which includes the same functions as the remote control.

Technical Features

TECNOGAS
I percorsi della tecnologia.
Via Marco Polo 33
35020 Albignasego
Padova – Italy
P.IVA: 03859580288
Tel: +39 049 8625910
Mail: info@tecnogas.net

SKU	MODEL	HOLE	VOLTAGE (V)	FREQUENCY (HZ)	FLOW IN/OUT (M^3/H)	P (PA)	POWER	NOISINESS	WALL DEPTH
14291	BASE 1.0	Ø 100 MM	220 - 240	50	30	72	4,9	30	MIN. 200 MM - MAX 3 M*
14293	ACTIVE 2.0	Ø 100 MM	220 - 240	50	30	72	4,9	30	MIN. 200 MM - MAX 3 M*
14312	BASE 1.0	Ø 160 MM	220 - 240	50	60	54	4,7	29	MIN. 150 MM - MAX 3 M*
14313	ACTIVE 2.0	Ø 160 MM	220 - 240	50	60	54	4,7	29	MIN. 150 MM - MAX 3 M*

***2,5 m in case of 90° curve**

PERFORMANCE												
SKU	NIGHT SPEED			SPEED 1			SPEED 2			SPEED 3		
	FLOW RATE M^3/H	POWER W	NOISINESS $DB(A)_{3M}$	FLOW RATE M^3/H	POWER W	NOISINESS $DB(A)_{3M}$	FLOW RATE M^3/H	POWER W	NOISINESS $DB(A)_{3M}$	FLOW RATE M^3/H	POWER W	NOISINESS $DB(A)_{3M}$
14291	-	-	-	10	2.7	9	20	5.6	22	30	4.9	30
14293	5	2.0	8	10	2.7	9	20	5.6	22	30	4.9	30
14312	-	-	-	20	2.2	9	40	5.5	21	60	4.7	29
14313	10	1.9	4	20	2.2	9	40	5.5	21	60	4.7	29

TECNOGAS
I percorsi della tecnologia.
Via Marco Polo 33
35020 Albignasego
Padova – Italy
P.IVA: 03859580288
Tel: +39 049 8625910
Mail: info@tecnogas.net

DIMENSIONS							
A	B	C	D	E	F	G	H
239 MM	239 MM	43 MM	500 MM	Ø 100/160 MM	80 MM	210 MM	210 MM

SKU	MODEL	PRICE
00000014291	AIRLYTE BASE 1.0 Ø 100	€465.7 VAT EXCLUDED
00000014293	AIRLYTE ACTIVE 2.0 Ø 100 - MASTER	€565.7 VAT EXCLUDED
00000014295	AIRLYTE ACTIVE 2.0 Ø 100 - SLAVE	€515.7 VAT EXCLUDED
00000014312	AIRLYTE BASE 1.0 Ø 160	€490.7 VAT EXCLUDED
00000014313	AIRLYTE ACTIVE 2.0 Ø 160 - MASTER	€590.7 VAT EXCLUDED
00000014314	AIRLYTE ACTIVE 2.0 Ø 160 - SLAVE	€540.7 VAT EXCLUDED















