



esybox mini³
The BOOSTERSET EVOLUTION



E.SYBOX MINI ³



VALUE PROPOSITION



e.sybox mini uses the **most advanced DAB technologies** to allow a **constant pressure** according to demand and consequently an **optimization of energy consumption**.

Thanks to its versatility, e.sybox mini can be installed in any environment, even under the kitchen sink!

e.sybox mini, is the electronic water pressurisation system **most compact in the world**.

Revolutionary and integrated, **e.sybox mini** ensures a new experience in the installation and the highest levels of comfort in use.

e.sybox mini is the ideal solution for solving any problem related to the pressure boosting in domestic environment.

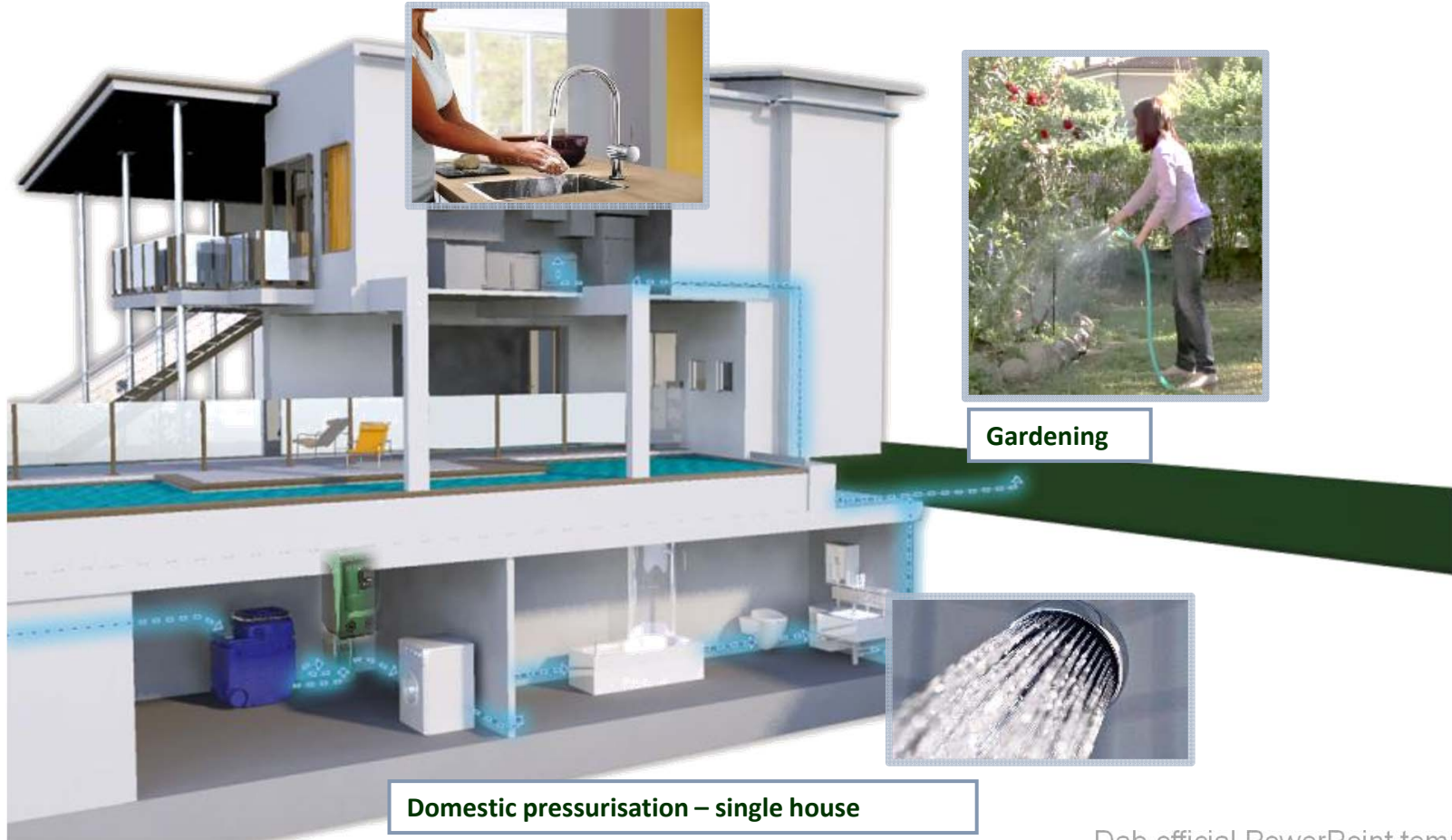


E.SYBOX MINI ³



APPLICATION

Wherever boosted water is needed e.sylene has the solution.



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Benefits



COMFORT



VERSATILE



SIMPLICITY



PERFORMANCE

e.sybox mini ³

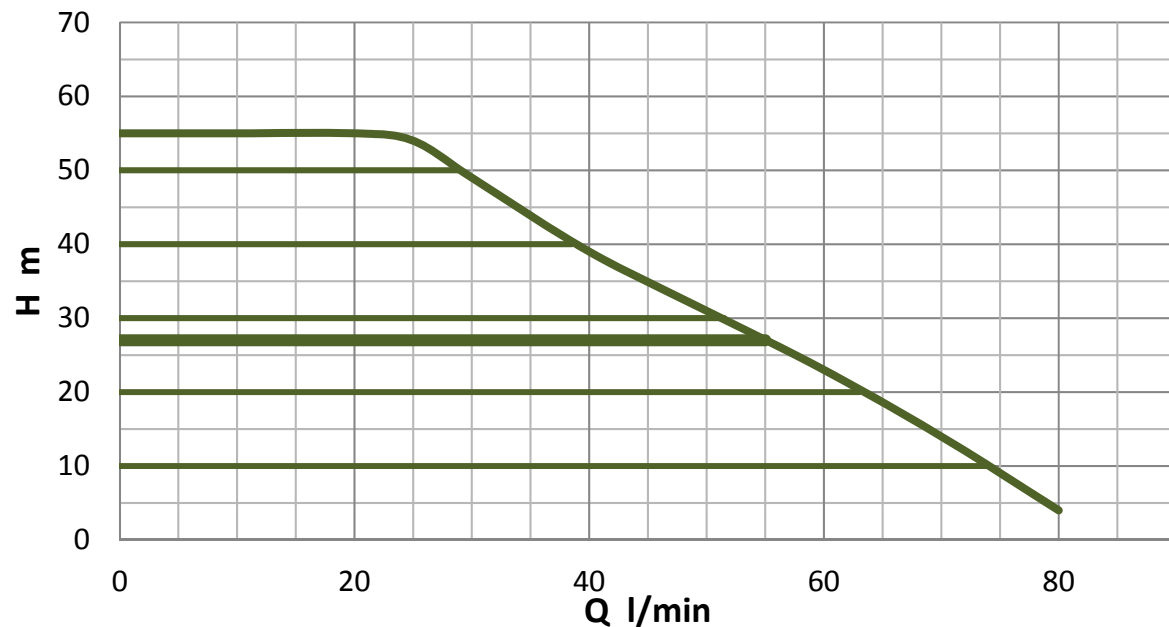
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COMFORT

CONSTANT PRESSURE

Real time constant performance and thus high comfort levels (no fluctuation / oscillation) thanks to the combined action of pressure and flow sensor.

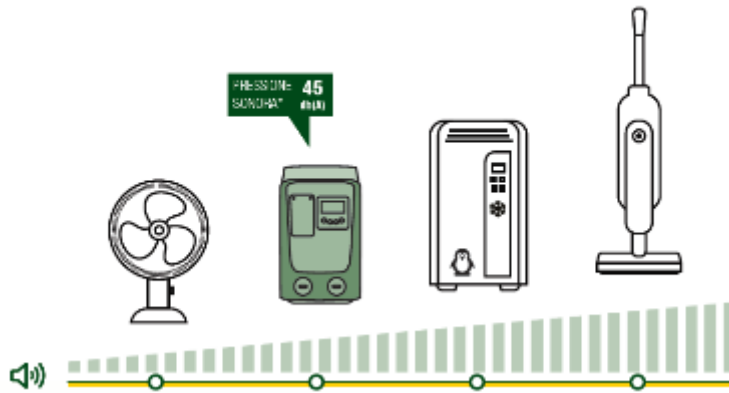


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COMFORT

RELAX

45 dB(A) Sound Pressure (*)



**The Second Most Silent pump of it's
kind in the World
After E.sybox**

(*) duty point of 10 l/min @ 2,7 bar, at 1 meter of distance in open field

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COMFORT

SENSITIVE PRESSURE ADJUSTMENT



It makes the pump more comfortable because of guaranteed steps of 0.1 bar adjustments. Main competitors adjust by 0.5 bar in comparison and the difference between 2.5 and 3.0 bar, moreover if you have old pipes, is huge!

E.SYBOX MINI ³



COMFORT

COMPLETE PROTECTION

e.sybox mini cares for you to leave the user happy



Dry-Run Protection:



In case of lack of water the pump is stopped automatically.

Possibility to restart Manually or Automatically.

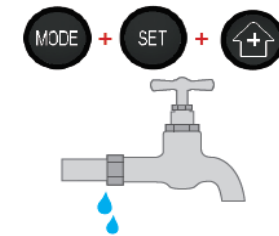
Anti Freeze Protection:



provided with a protection device which prevents the formation of ice inside.

The pump is activated for 5 min at 1800 rpm, approaching $T < 5^{\circ}\text{C}$

Anti-Cycling function:



The electronic control of the system is able to detect the presence of the leak, based on its recurrence

can be BASIC or SMART MODE

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VERSATILE

ALL IN ONE



INVERTER



Water Cooled
MOTOR



DISPLAY



CHECK VALVE



TECHNICAL ROOM



FLOW AND
PRESSURE
SENSOR



EXPANSION
VESSEL (1L)



ANTI-VIBRATION
FEET



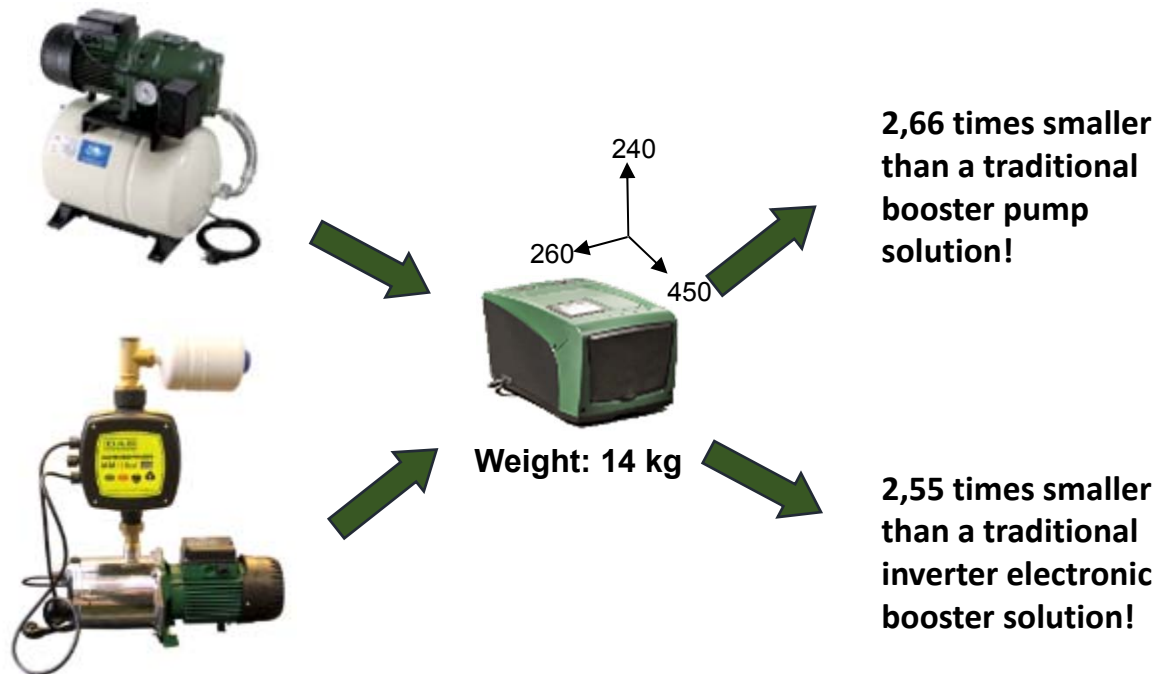
DOBLE IN&OUT
CONNECTIONS

E.SYBOX MINI ³

VERSATILE

COMPACT

e.sybox mini is the world most compact electronic water pressurization system



E.SYBOX MINI ³



VERSATILE

FELXIBLE

e.sybox mini adapts to all installation needs



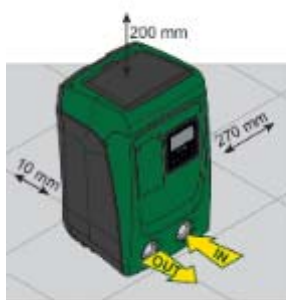
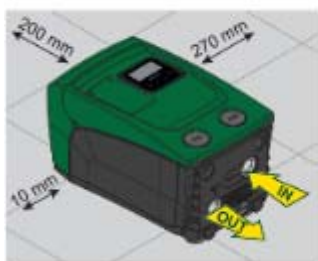
HORIZONTAL installation



VERTICAL installation



WALL installation
with **e.sywall**



E.SYBOX MINI 3

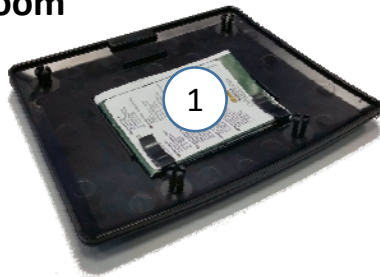
SIMPLE

QUICK INSTALLATION

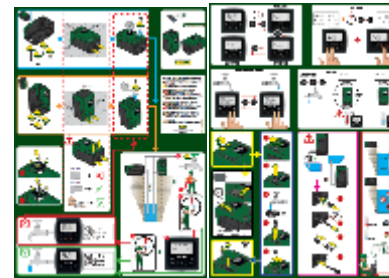
All you need onboard the pump in an accessible place



Technical Room



1- QUICK GUIDE



2- Technical label

3- Filling Plug (Vertical installation)

4- Exagonal tool (for DISPLAY)



5- Access to the motor shaft



6- QR code



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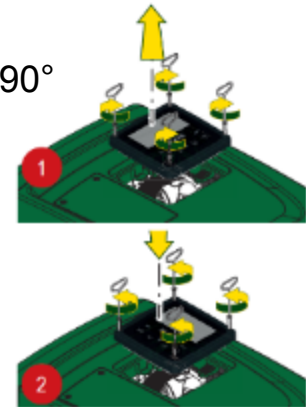
SIMPLE

DISPLAY

It allows to have an instant monitoring of all the main parameters, the energy saving proof (power histogram) and the history of the system.



- Wide LCD screen (70x40 mm, 240x128 dots display)
- Navigation and setting buttons of the control parameters.
- Status and alarm LED
- ORIENTABLE the panel can be rotated 90°

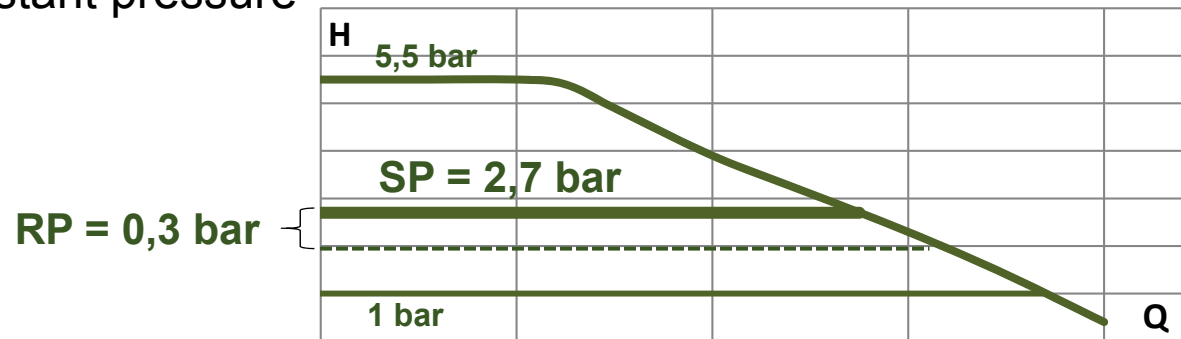


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SIMPLE

EASY TO ADJUST

The system is configured to satisfy the majority of installation cases, operating at constant pressure



However, all these parameters (and many others) can be set by the installer/user

MENU MONITOR



Easy to adjust LANGUAGE:
11 available languages



MENU SETPOINT



Easy to adjust SetPoint (Constant Pressure):
from 1 to 5,5 bar



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SIMPLE

EASY TO MAINTAIN

Details make the difference: nothing is left to chance



Ordinary Maintenance

Easy access to Check Valve and Expansion Vessel:



- to clean the check valve
- to charge the expansion vessel



Extraordinary Maintenance

Alarm and Warning indication:



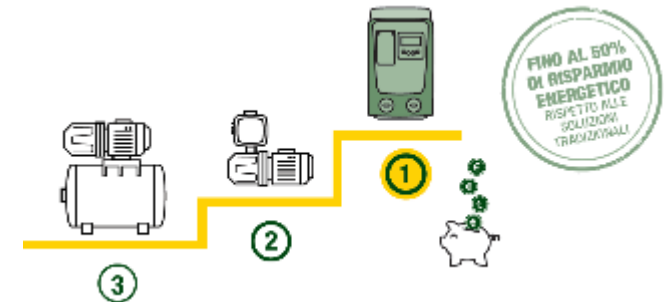
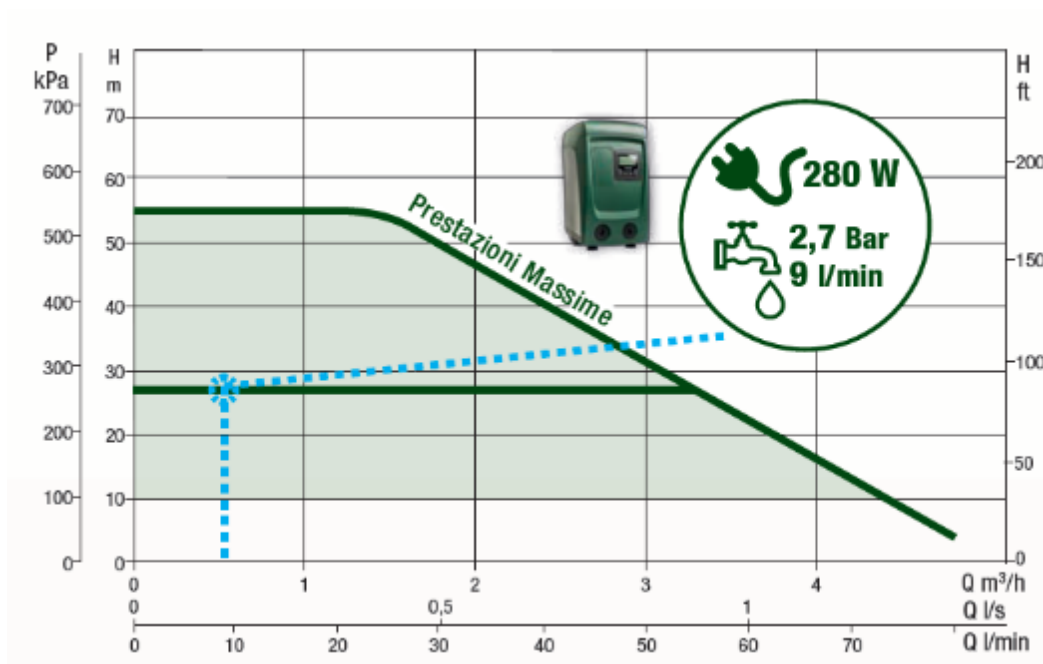
More than 14 errors indications to find out the causes of blockage

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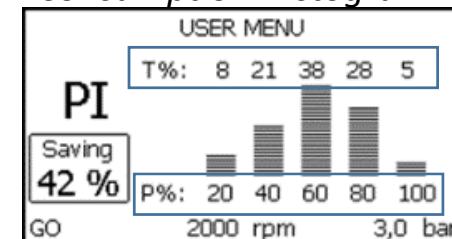


PERFORMANCE

ENERGY SAVING CHAMPION



Consumption Histogram



Average Saving compared to an on-off system

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PERFORMANCE

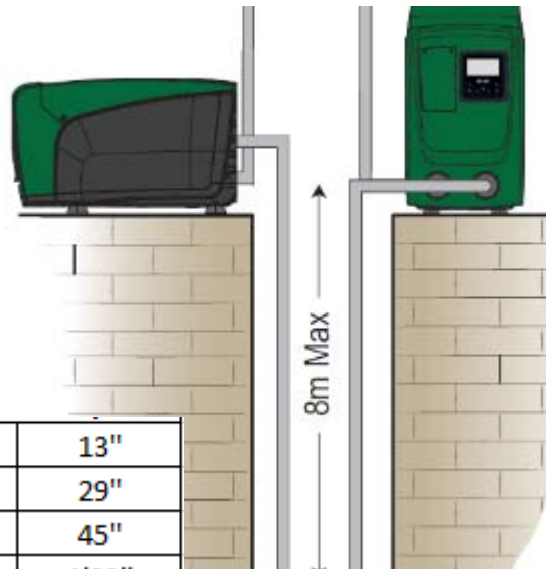
SELF-PRIMING

Presence of the Shutter valve to have the best selfpriming capability.

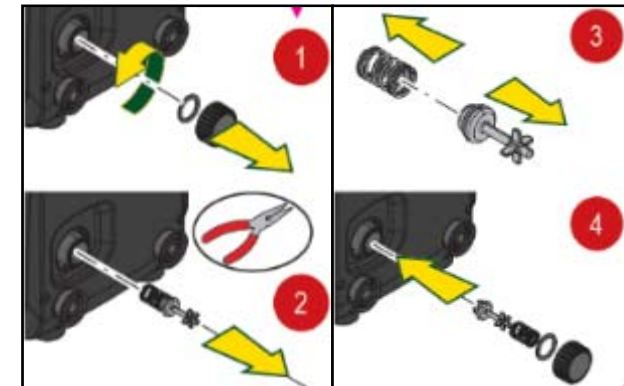


SELFPRIMING

-1mt	13"
-2mt	29"
-3mt	45"
-4mt	1'03"
-5mt	1'21"
-6mt	1'38"
-7mt	1'55"
-8mt	2'14"



Possibility to exclude the shutter priming valve.



Recommended in
Positive Suction
Head installation

E.SYBOX MINI 3



TECHNICAL DATA



DATI ELETTRICI <i>ELECTRICAL DATA</i>	Tensione - <i>Voltage</i>	220-240 V~
	Frequenza - <i>Frequency</i>	50/60 Hz
	Corrente massima – <i>Max current</i>	7 A
	Potenza Massima – <i>Max Power</i>	850 W
CARATTERISTICHE COSTRUTTIVE <i>TECHNICAL FEATURES</i>	Dimensioni di ingombro <i>Dimensions</i>	447x263x242 mm
	Peso a vuoto – <i>Net Weight</i>	13,6 kg
	Classe di protezione <i>Protection class</i>	IP X4
	Classe di isolamento del motore <i>Insulation Class</i>	F
PRESTAZIONI IDRAULICHE <i>HYDRAULIC PERFORMANCES</i>	Prevalenza massima <i>Max Head</i>	55 m
	Portata massima – <i>Max Flow</i>	80 l/min
	Adescamento - <i>Selfpriming</i>	<5min at 8m
	Massima pressione di esercizio <i>Max operating pressure</i>	7,5 bar
CONDIZIONI DI ESERCIZIO <i>OPERATING CONDITIONS</i>	Temperatura Max del liquido <i>Max liquid Temperature</i>	40 °C
	Temperatura Max ambiente <i>Max environment Temp.</i>	50 °C
	Temperatura di stoccaggio <i>Stock temperature</i>	-10÷60 °C

E.SYBOX MINI³ – SPECIAL APPLICATION



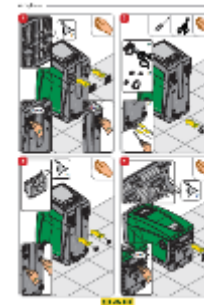
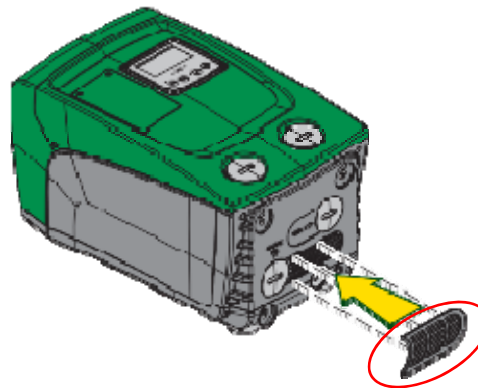
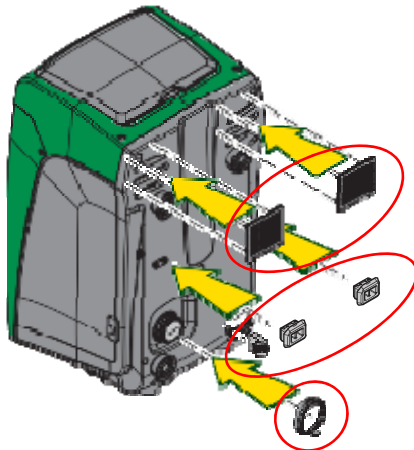
E.SYGRID

The grid kit for the protection of the E.SYBOX MINI against the entry of insects and particles



Composed by:

- Grids to cover the slits with 1 mm diameter mesh;
- Taps and gasket for hermetic closure
- Quick Guide



E.SYBOX MINI – SPECIAL APPLICATION



CONNECTIVITY

Wireless



Essential in case of a SW update is need.

This is an important benefit both for the dealer and the distributor.

This feature allow to react in case of any SW issue quickly and effectively.

D.Connect Ready



