



product
design award

2013



e.syline

WATER PUMPS HAVE EVOLVED



DAB[®]
WATER • TECHNOLOGY

e.sylINE

2 MODELS.. 1 COMPLETE LINE

📍 House

📍 Apartment
or small home

NEW

Up to 3 floors, 2 bathrooms and 540 Sq.Ft of garden

e.sybox mini³



e.sylINE, complete line of electronic booster pump solutions that redefines the rules of residential water pressurization. With two models, e.sybox are a series of fully integrated pump systems and accessories. Designed to create a modular and flexible solution that meets a wide range of applications: from a small residence to a large complex of apartments.



VISIT THE WEBSITE
ESYLINE.DABPUMPS.COM



Up to 6 floors - Max 9 apartments...

E.SYBOX

📍 **small apartment complex**

📍 **large apartment complex**



Up to 9 floors - Max 16 apartments

Use 2 E.SYTWIN sets
For up to 9 floors
Max 32 apartments

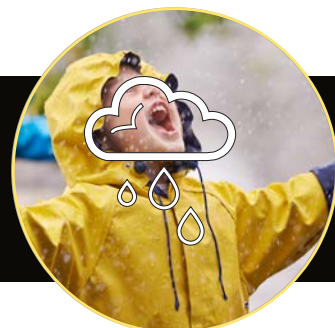
E.SYTWIN



PRESSURISATION



GARDENING AND IRRIGATION



REUSE OF RAINWATER

e.sybox mini³

ONE OF A KIND



Evidently it has a different appearance than any other booster set and is small and completely integrated. Once you install and use it, you realize that the real difference is in the comfort and performance.


e.sybox mini3 uses the most advanced DAB technologies to create constant pressure according to the system demands and thus an optimization of energy consumption.

Suitable for use with potable water, in domestic systems and gardening applications.

The new triple impeller model ensures further noise reduction and energy consumption.

Managing the water pressure in your home has never been so simple and quiet.







DOWNLOAD THE APP,
FRAME AND DISCOVER
THE AUGMENTED
REALITY











 **280 W**

 **39 psi**

 **2.7 Bar**

 **2.4 gpm**

 **9 l/min**

APPLICATIONS



Apartments up to 3 floors,
2 bathrooms and
540 Sq.ft (50m²) of garden.



CERTIFICATIONS



Drinking Water
NSF / ANSI 61

SUITABLE FOR PUMPING WATER FROM:



WELLS DOWN
TO 26ft (8 M) DEEP



RAINWATER
COLLECTION TANKS



TANKS



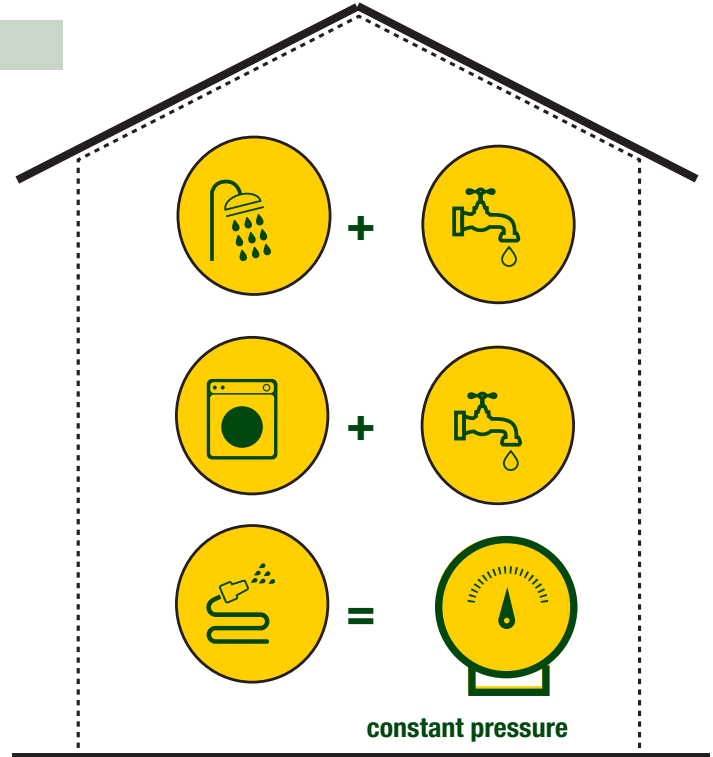
MUNICIPAL
* where permitted by law

OVERVIEW

CONSTANT PRESSURE

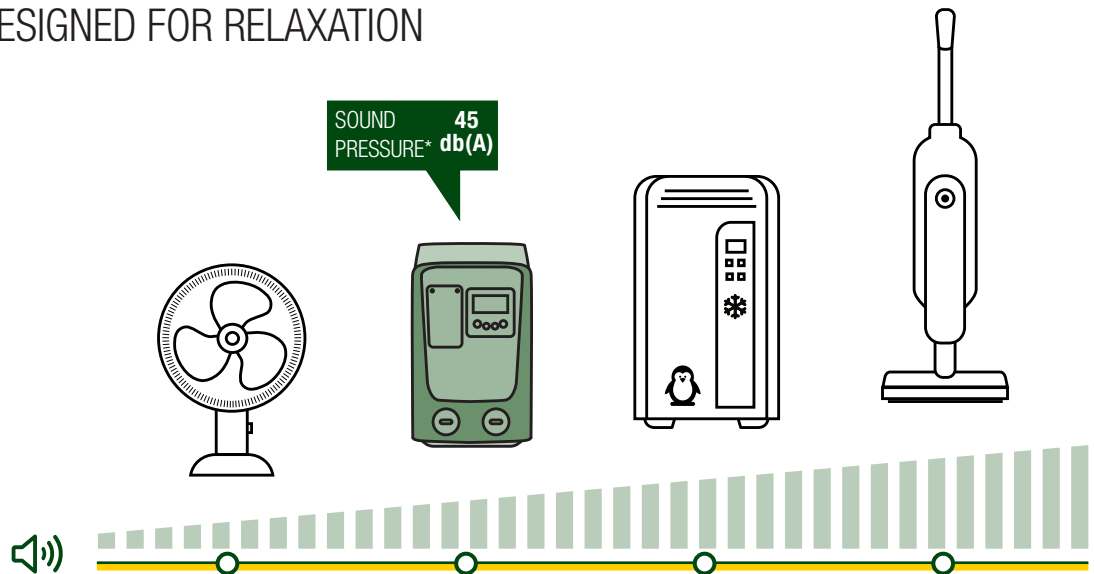
FOR MAXIMUM COMFORT

Thanks to inverter technology, once you have set the desired pressure, e.sybox mini3 maintains a constant pressure to all the water outlets served.



ULTRA LOW NOISE

DESIGNED FOR RELAXATION



The special water cooled motor, the inverter, the sound absorbing hulls, and the anti-vibration legs make e.sybox mini3 booster set the second most quietest booster pump on the market after it's big brother e.sybox.

*sound pressure measured at 3.2 ft (1 meter) distance in free field



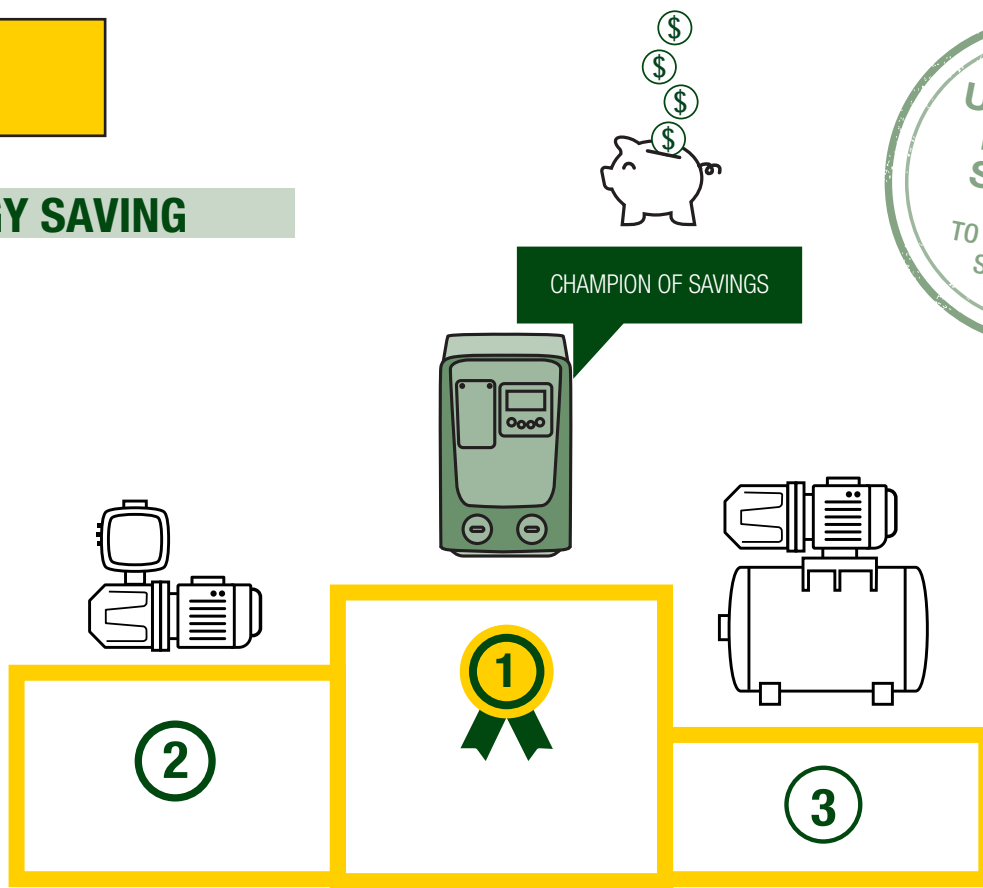
e.sybox mini³

OVERVIEW

ENERGY SAVING

IN FIRST PLACE

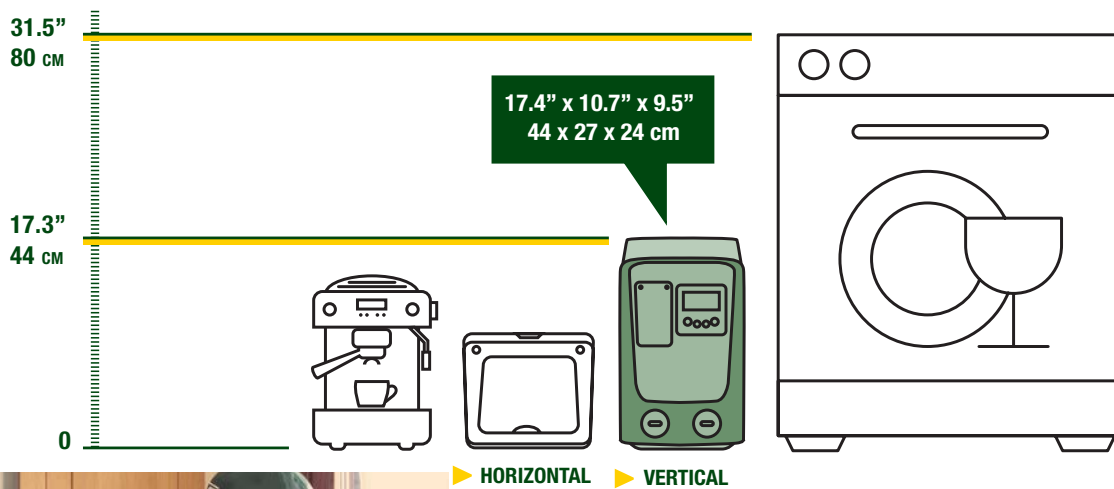
Guarantees the comforts and savings of constant pressure Set Point adjustable from 14 to 80 psi (1 to 5.5 bar) in the system and up to 50% Energy saving.



MINIMUM FUSS

MAX COMPACTNESS

The new component architecture and ergonomic design make e.sybox mini³ so compact that it can be installed in any environment, even under the kitchen sink.



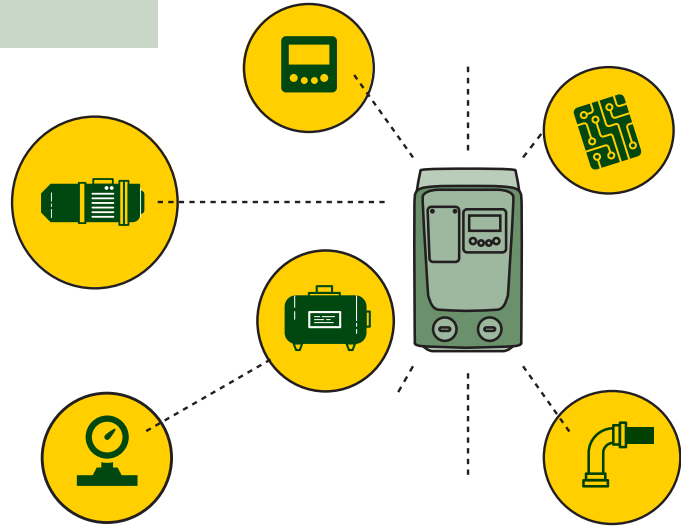
e.sybox mini³

OVERVIEW

INTERGRATED

ALL IN 1

Once the suction and delivery pipes are connected, e.sybox mini³ doesn't require any additional components for its installation and operation.



DISPLAY

EASY ADJUSTMENT

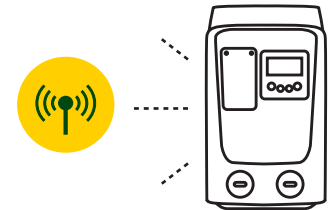
LCD 2.75" x 1.58" (70x40 mm) high-resolution screen, adjustable to adapt the readability at various installations. The intuitive interface gives access to all the system information and the main settings depending on the specific application.



WIRELESS

ON BOARD

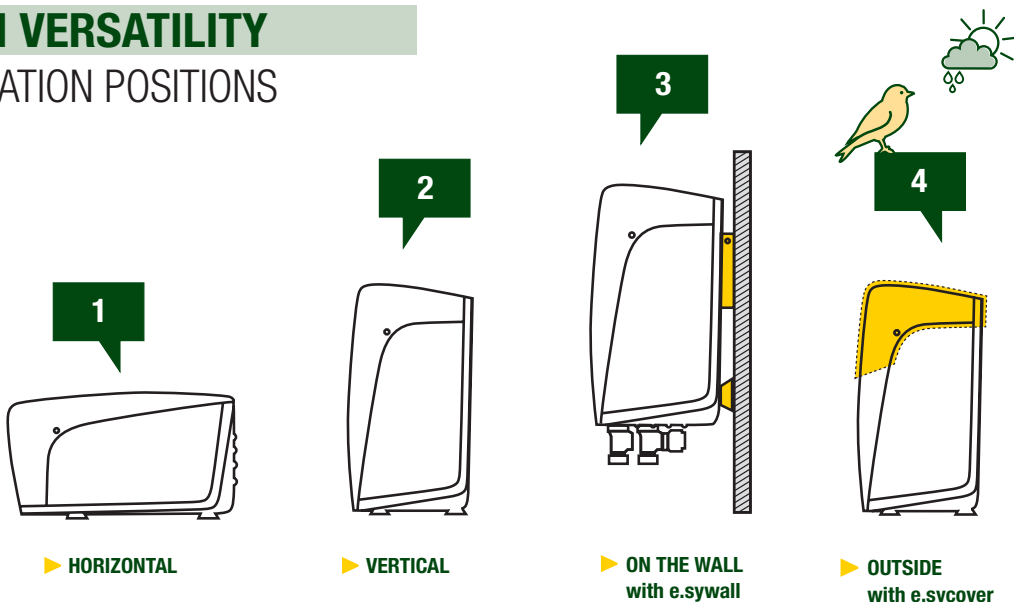
Thanks to the integrated wireless capability, e.sybox mini³ can be connected to the Internet.



MAXIMUM VERSATILITY

3 INSTALLATION POSITIONS

Horizontal, vertical or wall mounted, e.sybox mini³ can be installed virtually anywhere inside or outside the home.



e.sybox mini³

DIMENSIONS ARE IMPORTANT



FEATURES



MOTOR

Special water cooled motor design eliminates noise generated by the fans traditional cooling.



INVERTER

Thanks to the inverter technology, e.sybox mini³ absorbs only the necessary energy required, increasing the sensitive economic savings.



NON RETURN VALVE ON DELIVERY

Easy to remove for routine maintenance operations.



CONNECTIONS - FLEXIBILITY OF INSTALLATION

Allows you to choose which system inlets and outlets to use depending on your installation needs.



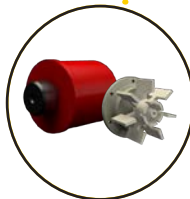
TECHNICAL COMPARTMENT

Easy access to the expansion tank air valve adjustment and the non return valve for quick cleaning or maintenance.



1 LITRE EXPANSION TANK

Integrated tank certified for drinking water



FLOW AND PRESSURE SENSORS

Electronic pressure transducer and integrated flow sensor.



ANTI-VIBRATION FEET

Guarantees effective absorption of vibrations helping e.sybox mini³ to further reduce the operation noise.



WIRELESS



ANTIFREEZE PROTECTION



e.sybox mini³

e.sybox

THE FIRST OF ITS KIND



We didn't just limit ourselves on improving what was already there! Instead we were the first to achieve a revolutionary innovation in water pressure boosting. We have developed a patented booster set with high performance and increased efficiency. Compact design that is simple to install, maintain and operate. Maximum satisfaction for the installer and end user.

e.sybox has changed the way in which people use our most important resource, water.

e.sybox is also smart and versatile. You can create multi pump systems by grouping two or up to four pumps together. This has never been so easy, thanks to the e.sytwin quick connect docking station and the integrated wireless connection.

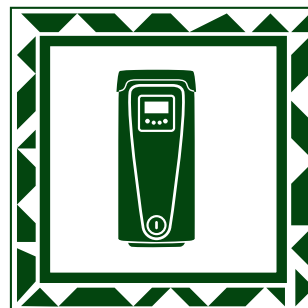
e.sy^{app}

DOWNLOAD THE APP,
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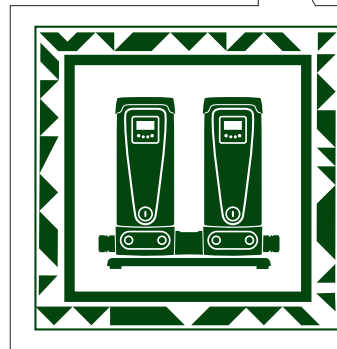


Available on the iPhone
App Store

ANDROID APP ON
Google play



e.sytwin



APPLICATIONS



e.sybox

Houses and small apartment complexes up to 6 floors and a maximum of 9 apartments.

e.sytwin

Small and large apartment complexes up to 9 floors and a maximum of 16 apartments.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



WELLS DOWN TO 26ft (8 M) DEEP



RAINWATER COLLECTION TANKS



TANKS



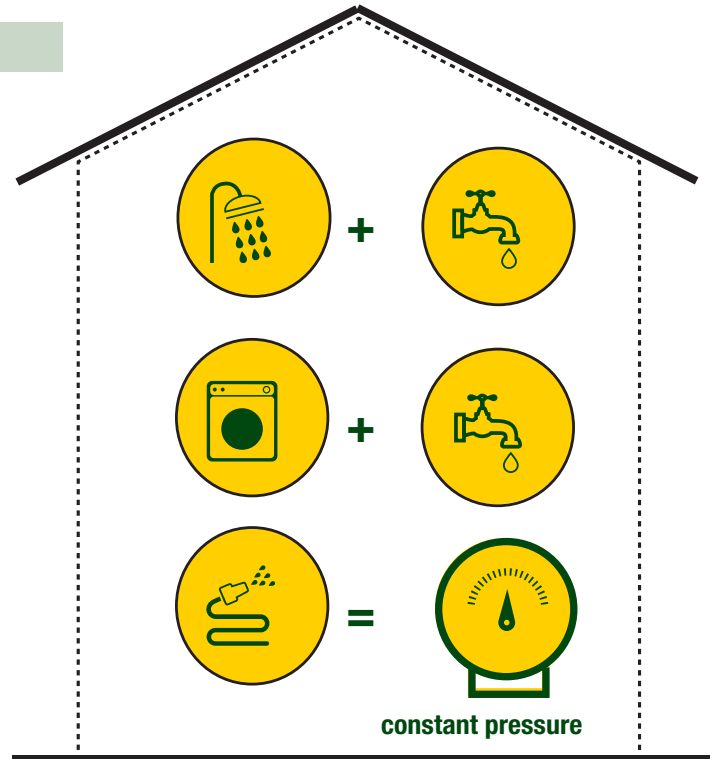
MUNICIPAL
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OVERVIEW

CONSTANT PRESSURE

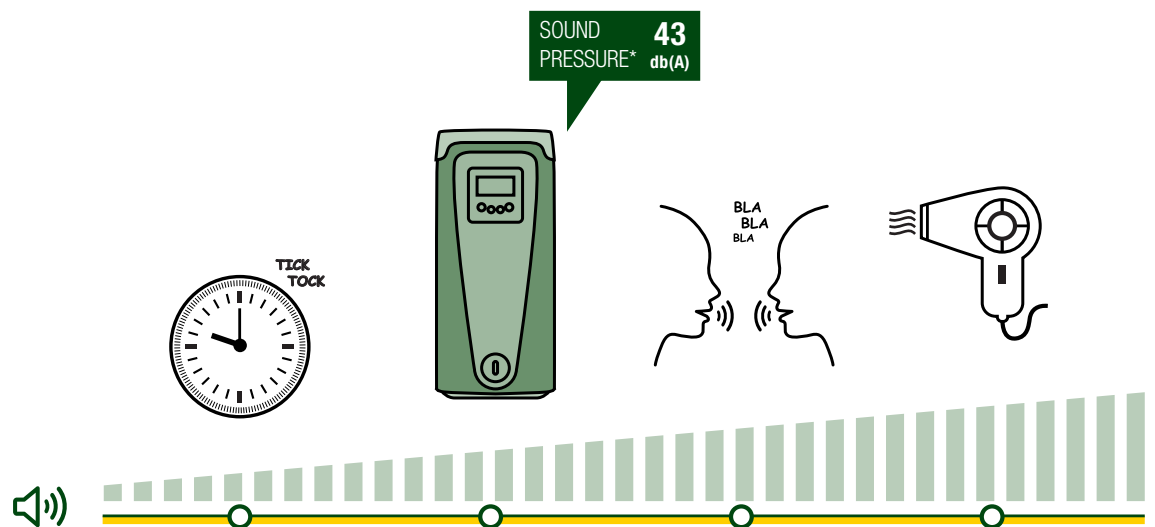
FOR MAXIMUM COMFORT

Thanks to inverter technology, once you have set the desired pressure, e.sybox maintains a constant pressure to all the water outlets served.



EVEN QUIETER

YOU ONLY HEAR THE FLOWING OF WATER



Thanks to the experience gained over the years, we have further optimized e.sybox making it even more quiet and comfortable.

*sound pressure measured at 3.2 ft (1 meter) distance in free field

e.sybox



OVERVIEW

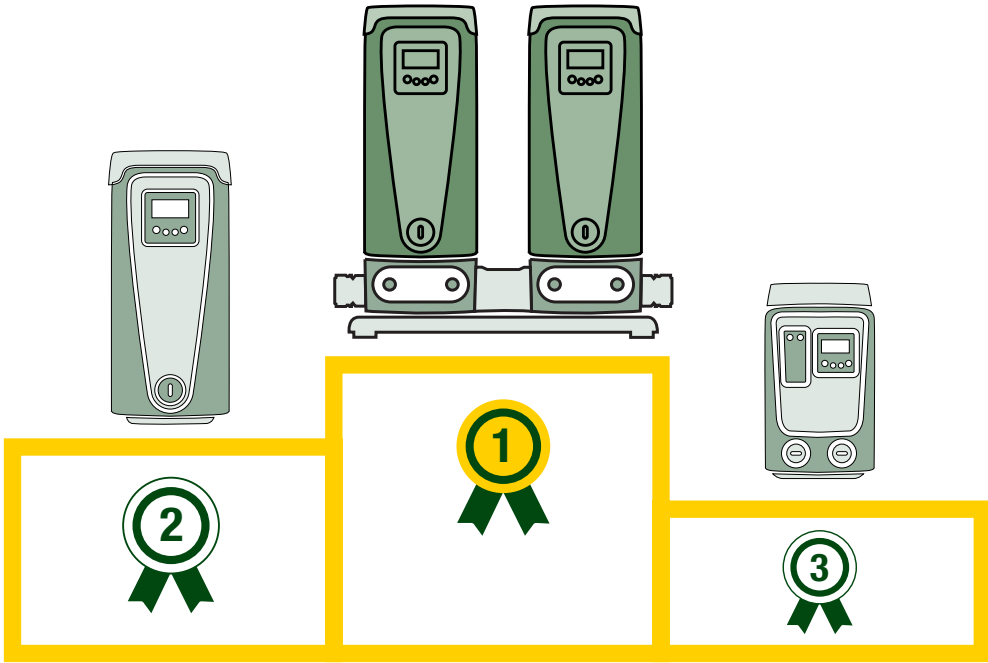
ENERGY SAVINGS

OLYMPIC MEDAL LINE

Guarantees the comforts and savings of constant pressure Set Point adjustable from 14 to 85psi (1 to 6.0 bar) in the system and up to 50% energy savings.



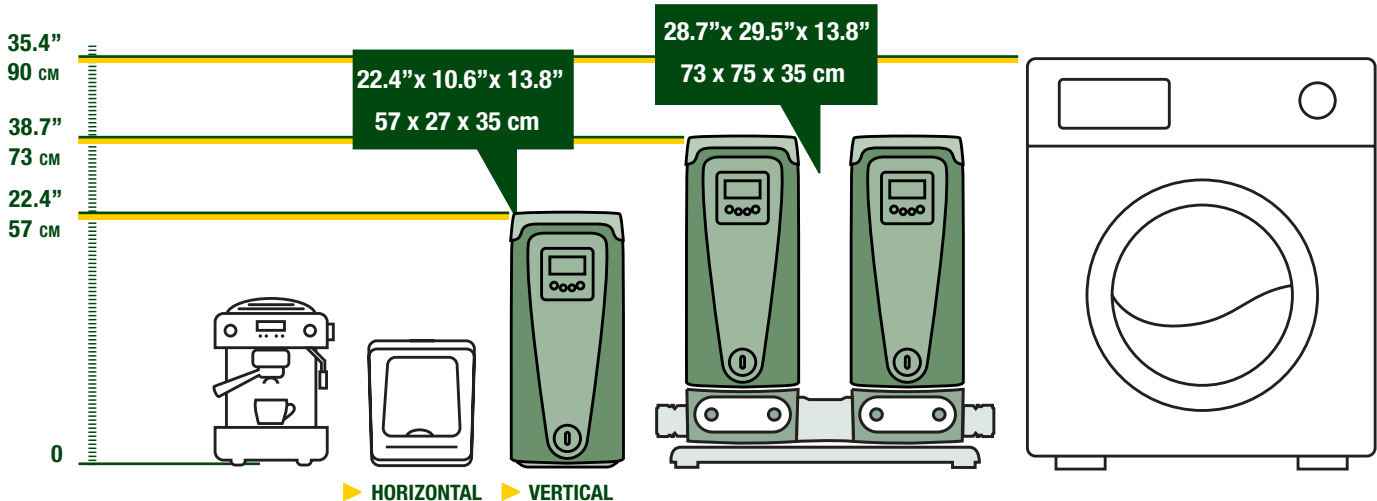
CHAMPION OF SAVINGS



MINIMUM FUSS

MAX COMPACTNESS

The new component architecture and the ergonomic design make e.sybox so compact, it can be installed in nearly any environment. It guarantees a dimension reduction of at least 30% compared to any other traditional pump system.

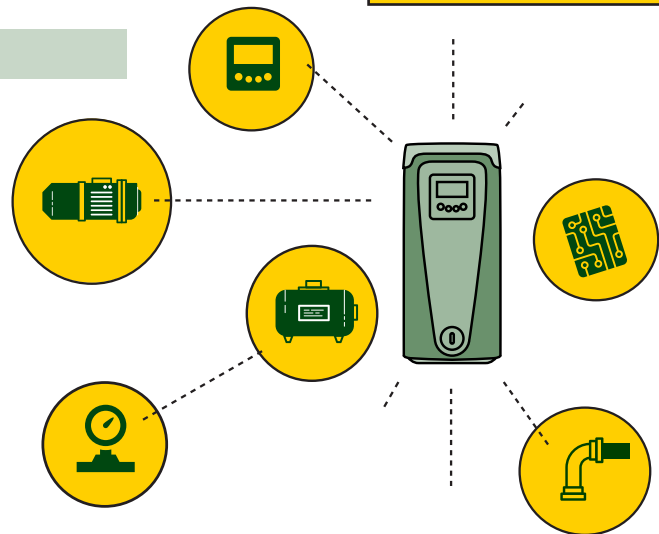


OVERVIEW

INTEGRATED

ALL IN 1

Once the suction and delivery pipes are connected, e.sybox doesn't require any additional components for its installation and operation.



DISPLAY

COMMUNICATE WITH E.SYBOX

LCD 2.75" x 1.58" (70x40 mm) high-resolution screen, adjustable to adapt the readability at various installations. The intuitive interface gives access to all the system information and the main settings depending on the specific application.



INTUITIVE
INTERFACE

MONITORING
PARAMETERS

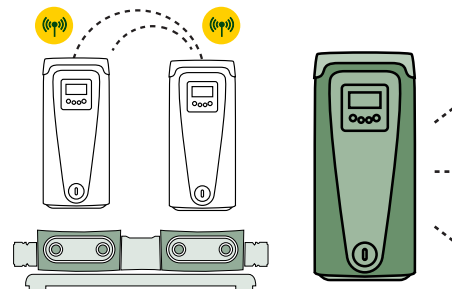
ADJUSTABLE

QUICK
SETTING

ready
D+CONNECT

WIRELESS

ON BOARD

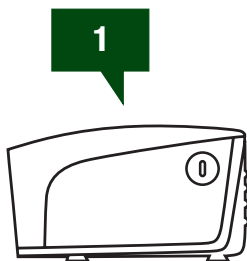


Thanks to the equipped wireless connection is possible to create groups of two to four pumps and can be connected to the internet.

MAXIMUM VERSATILITY

3 INSTALLATION POSITIONS

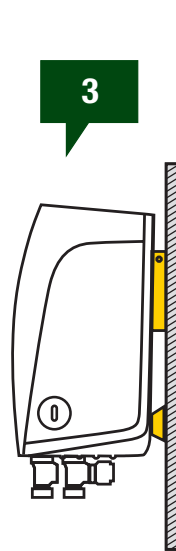
Horizontal, vertical or wall mounted, e.sybox can be installed virtually anywhere inside or outside the home.



▶ HORIZONTAL



▶ VERTICAL



▶ ON THE WALL
with e.sywall



▶ OUTSIDE
with e.sycover

e.sybox

EFFICIENT HIGH PERFORMANCE



FEATURES



MOTOR

Special water cooled motor design eliminates noise generated by the fans traditional cooling.



INVERTER

Thanks to the inverter technology, e.sybox absorbs only the necessary energy required, increasing the sensitive economic savings.



NON RETURN VALVE ON DELIVERY

Easy to remove for routine maintenance operations.



CONNECTIONS - FLEXIBILITY OF INSTALLATION

Allows you to choose which system inlets and outlets to use depending on your installation needs.



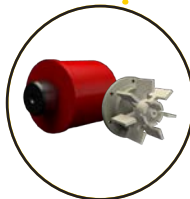
TECHNICAL COMPARTMENT

Easy access to the expansion tank air valve adjustment and the non return valve for quick cleaning or maintenance.



2 LITRE EXPANSION TANK

Integrated tank certified for drinking water



FLOW AND PRESSURE SENSORS

Electronic pressure transducer and integrated flow sensor.



ANTI VIBRATION FEET

Guarantees effective absorption of vibrations helping e.sybox to further reduce the operation noise.



WIRELESS



ANTIFREEZE PROTECTION



e.sybox

MODULARITY IN FIRST PLACE

The innovative range of e.syline accessories, further increases the possibilities of installing e.sybox booster set is now the most versatile and innovative on the market. A suite of integrated solutions that cover all your needs in terms of performance and conditions of use.

Quick connect docking station

e.sydock



Complete docking station for e.sybox with all the necessary interfaces for connection to the system including anti-vibration feet. Thanks to 4 possible hydraulic configurations, installation becomes even more rapid and flexible. In case of maintenance, e.sydock allows the quick disconnection of e.sybox helping to reduce maintenance down time of the system.

Quick connect docking station for two e.syboxes

e.sytwin



It offers outstanding performance with the ability to combine operations, with reduced dimensions of at least 30% compared to any other equivalent traditional system. E.sytwin allows you to fully exploit the potential of e.sybox in the creation of sets with two pumps.





Wall installation

E.SYWALL

Complete wall mounting kit with brackets, screws, anchors, and two spacers for shock absorption. Suitable for both e.sybox and e.sybox mini³.



Insect grills



E.SYGRID

Suitable for vertical or horizontal installation. Available for both e.sybox and e.sybox mini³.



*Outside installation




E.SYCOVER

Available for both e.sybox and e.sybox mini³.

* Protect from excessive direct Sunlight



SELECTION TABLE

MAXIMUM NUMBER OF FLOORS	WATER PRESSURE			IRRIGATION		
	SMALL SIZE APARTMENT with 1 bathroom (6*)	MEDIUM SIZE APARTMENT with 2 bathrooms (10*)	LARGE SIZE APARTMENT with 2 bath. plus a garden (15*)	STATIC SPRINKLERS RANGE 13FT (4 M) Capacity: 1.6gpm (6l/min) Working pressure: 35 psi (2.4 bar)	DYNAMIC SPRINKLER RADIUS 46 FT (14 M) Capacity: 5.3gpm (20l/min) Working pressure: 50 psi (3.4bar)	
	MAXIMUM NUMBER OF APARTMENTS			MAXIMUM NUMBER OF SPRINKLERS		
 e.sybox mini ³	1	2	2	1		
	2	2	2	1	8	-
	3	2	1	1		
 e.sybox	1	9	5	4		
	2	8	5	4		
	3	7	5	4	16	4
	UP TO 6	6	3	-		
 e.sy twin	1	16	10	6		
	UP TO 3	16	10	6		
	4	15	9	5		
	5	14	8	5	-	7
	6	12	7	5		
	UP TO 9	11	6	-		

*The table is indicative and it is based on average values. Thoroughly analyze the specific plant for optimal sizing.

TECHNICAL DATA

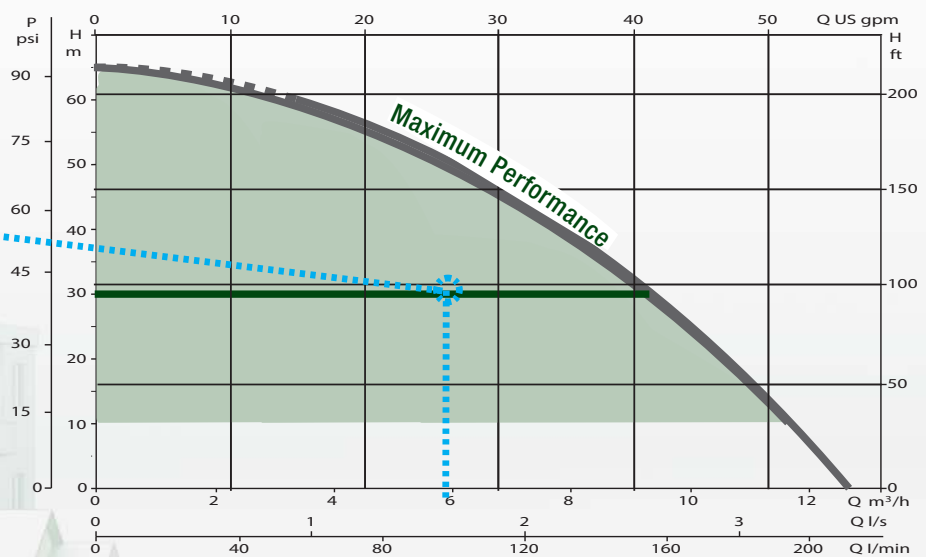
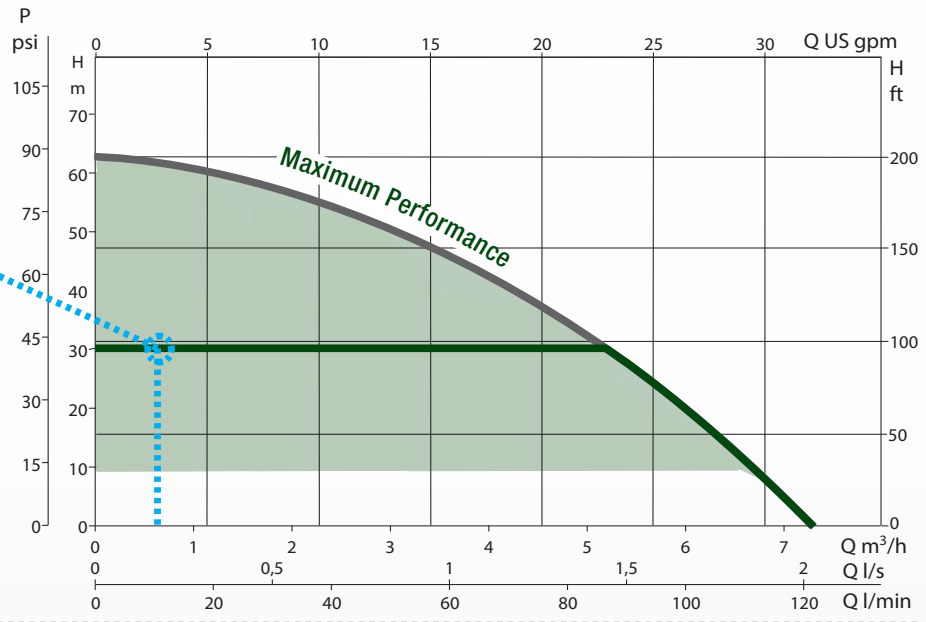
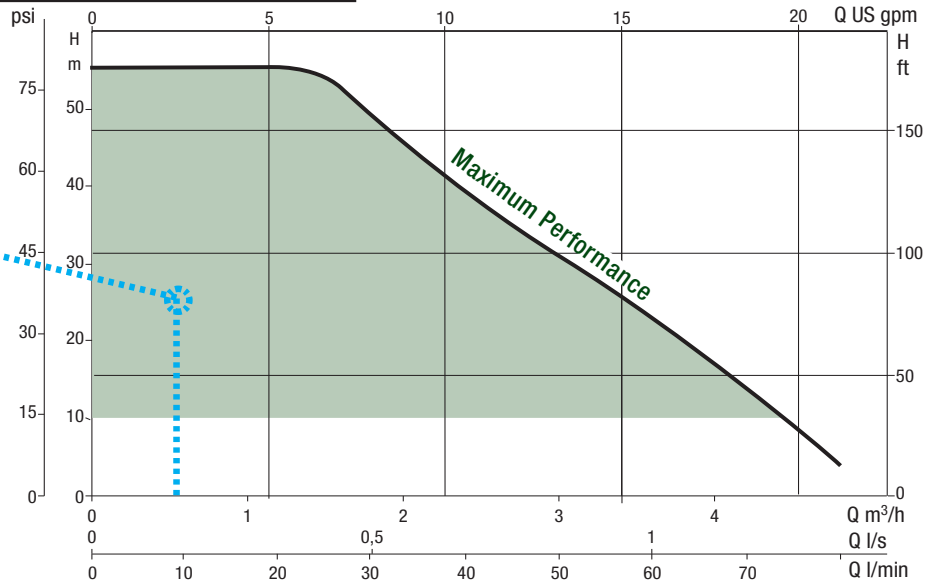
e.sybox mini³

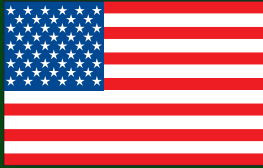
e.sybox

OPERATING RANGE:	flow rate 22 gpm (80L/min); head up to 183 ft (56 m) - (80 psi)	flow up to 32 gpm (120l/min); head up to 213 ft (65m)-(92 psi)
PUMPED LIQUID:	clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized and not chemically neutral	
LIQUID TEMPERATURE RANGE:	from 32°F to +95°F (0°C to +35°C) for domestic use and from 32°F to +104°F (0°C to +40°C)	
MAXIMUM SUCTION DEPTH:	26ft (8 meters)	
MAXIMUM AMBIENT TEMPERATURE:	+122°F (+50°C)	
MAXIMUM WORKING PRESSURE:	108 psi (7.5 Bar) (750 kPa)	116 psi (8 Bar) (800 kPa)
MOTOR PROTECTION:	IPX4 (without e.sycover fitted)	
INSULATION CLASS:	F	

e.syline

PERFORMANCE DATA





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