



product
design award

2013



e.syLine

WATER PUMPS HAVE EVOLVED



DAB
WATER • TECHNOLOGY

e.syl^{ine}

2 MODELS.. 1 COMPLETE LINE

📍 house

📍 apartment
or small home

NEW



\$60

SAVINGS PER YEAR*
ON ELECTRICITY BILLS

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

e.sybox mini³



e.syl^{ine}, 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



\$120
SAVINGS PER YEAR*
ON ELECTRICITY BILLS

Up to 6 floors - Max 9 apartments ...

E.sybox

📍 **small apartment complex**

📍 **large apartment complex**



\$480
SAVINGS PER YEAR*
ON ELECTRICITY BILLS

Up to 9 floors - Max 17 apartments

E.sytwin

*compared to a traditional booster set in terms of medium usage conditions.



PRESSURIZATION



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.

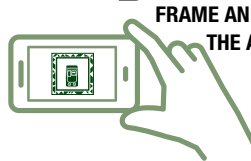
e.sybox mini³ uses the most advanced DAB technologies to create constant pressure according to the system demands and thus an optimization of energy consumption.

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.

e.sy^{app}



DOWNLOAD THE APP,
FRAME AND DISCOVER
THE AUGMENTED
REALITY



NEW



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



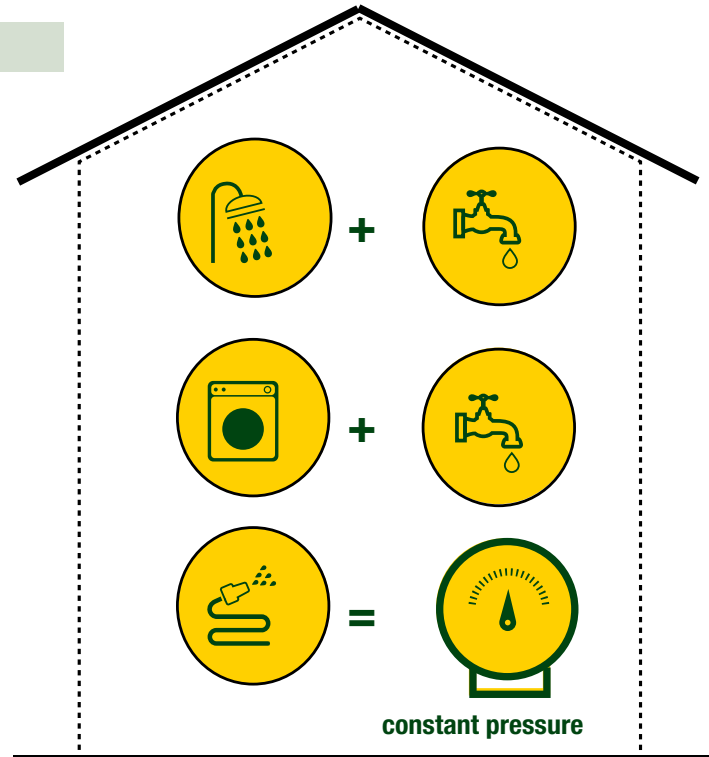
AQUEDUCT
* where permitted by law

OVERVIEW

CONSTANT PRESSURE

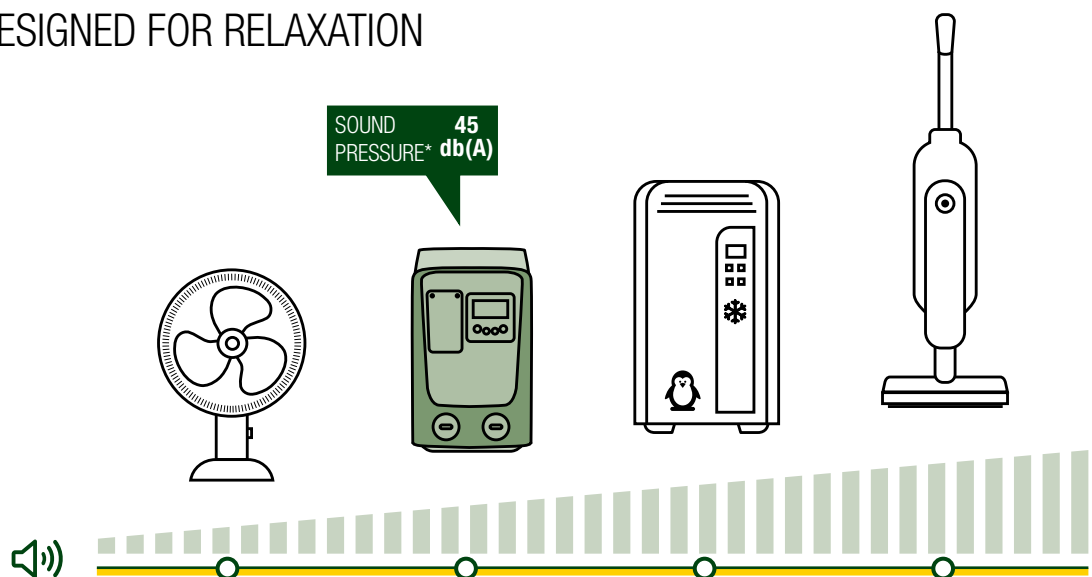
FOR MAXIMUM COMFORT

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

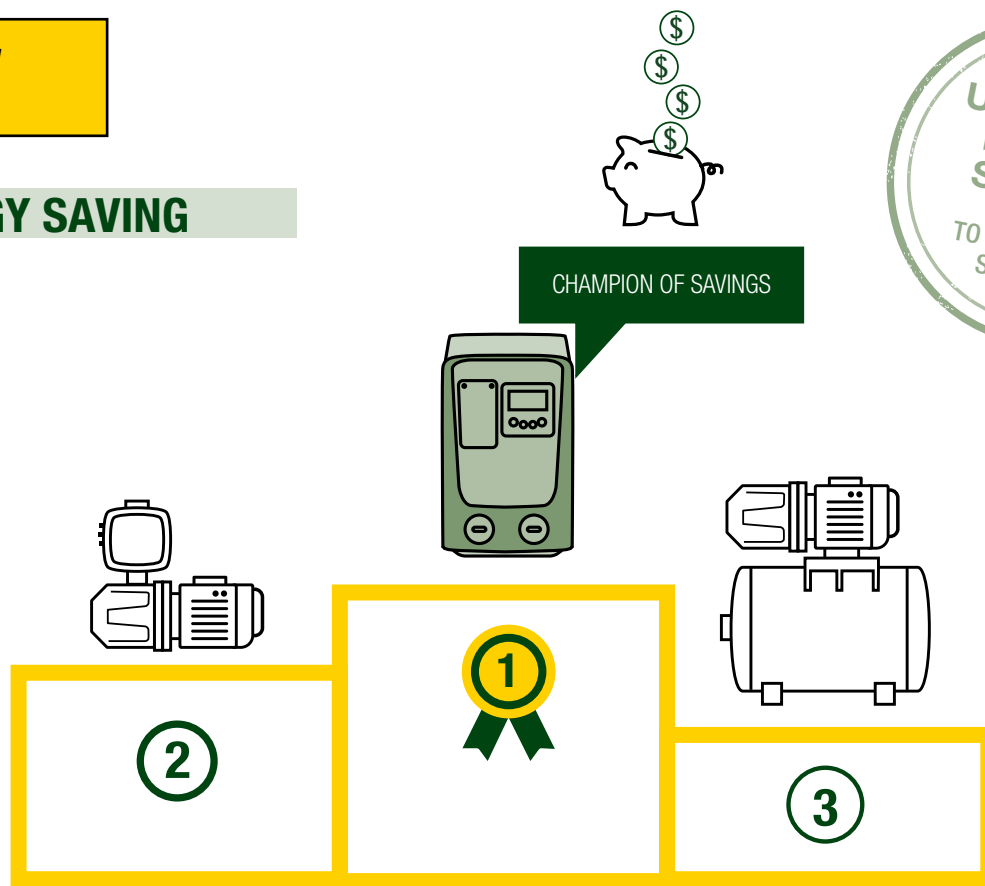


OVERVIEW

ENERGY SAVING

IN FIRST PLACE

Guarantees the comforts and savings of constant pressure Set Point adjustable from 14 to 79 psi (1 to 5.5 bar) in the system and up to 120 Dollars a year* saving on energy bills thanks to the inverter technology.

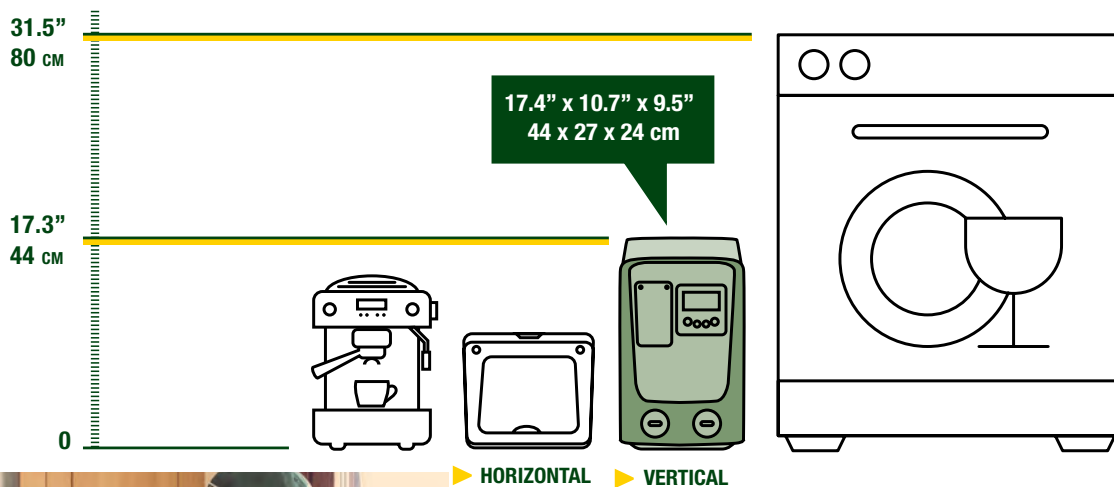


*compared to a traditional booster set in terms of medium usage conditions.

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.



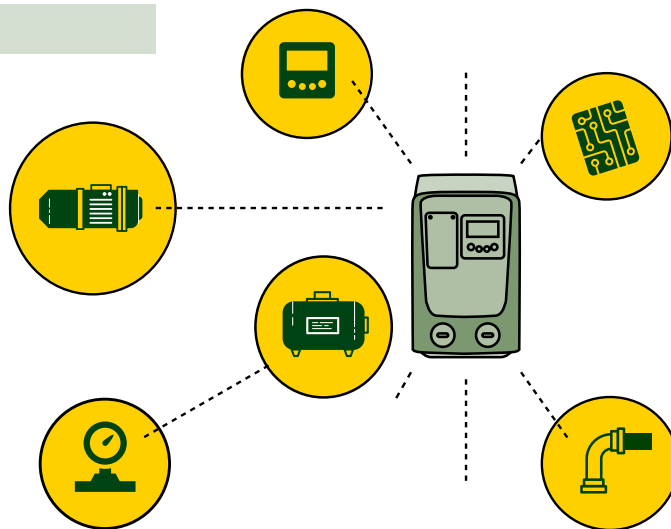
e.sybox mini³

OVERVIEW

INTERGRADED

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

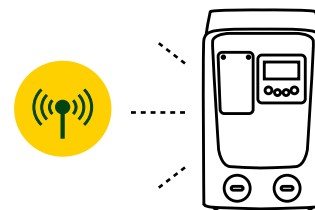
LCD 2.75" x 1.58" (70x40 mm) high-resolution screen, adjustable to adapt the readability at various installations. The intuitive interface gives access to all the system information and the main settings depending on the specific application.



WIRELESS

ON BOARD

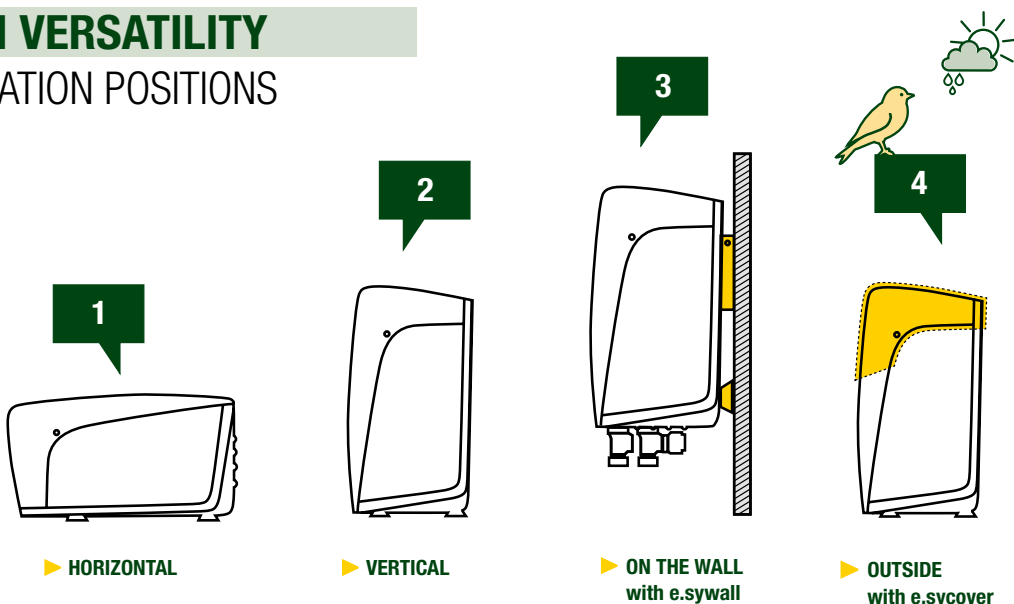
Thanks to the integrated wireless capability, e.sybox mini³ can be connected to the Internet.



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



esybox mini³

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

Guaranteed for 5 years without any maintenance requirements. 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



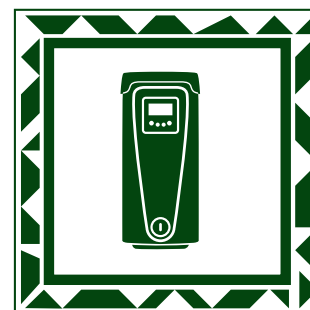
We didn't just limit ourselves on improving what was already there! Instead we were the first to achieve a revolutionary innovation in water pressure boosting. We have developed a patented booster set with high performance and increased efficiency. Compact design that is simple to install, maintain and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

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

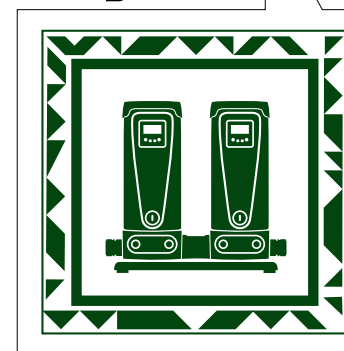
e.sybox is also smart and versatile. You can create multi pump systems by grouping two or up to four pumps together. This has never been so easy, thanks to fast connection station e.sytwin and the integrated wireless connection.

e.sy^{app}

DOWNLOAD THE APP,
FRAME AND DISCOVER
THE AUGMENTED
REALITY



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 17 apartments.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



WELLS DOWN
TO 26ft (8 M) DEEP



RAINWATER
COLLECTION TANKS



TANKS



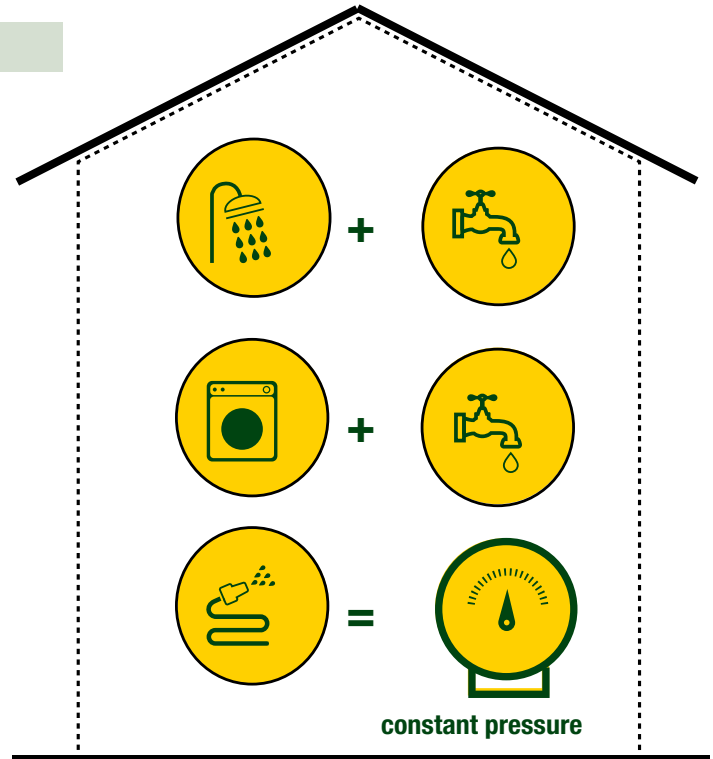
AQUEDUCT
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OVERVIEW

CONSTANT PRESSURE

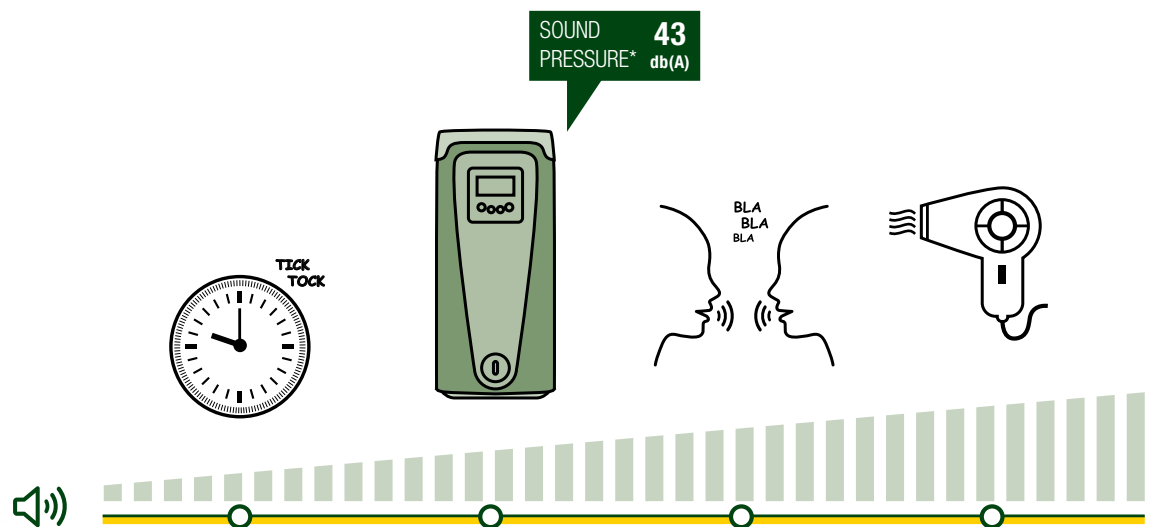
FOR MAXIMUM COMFORT

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



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

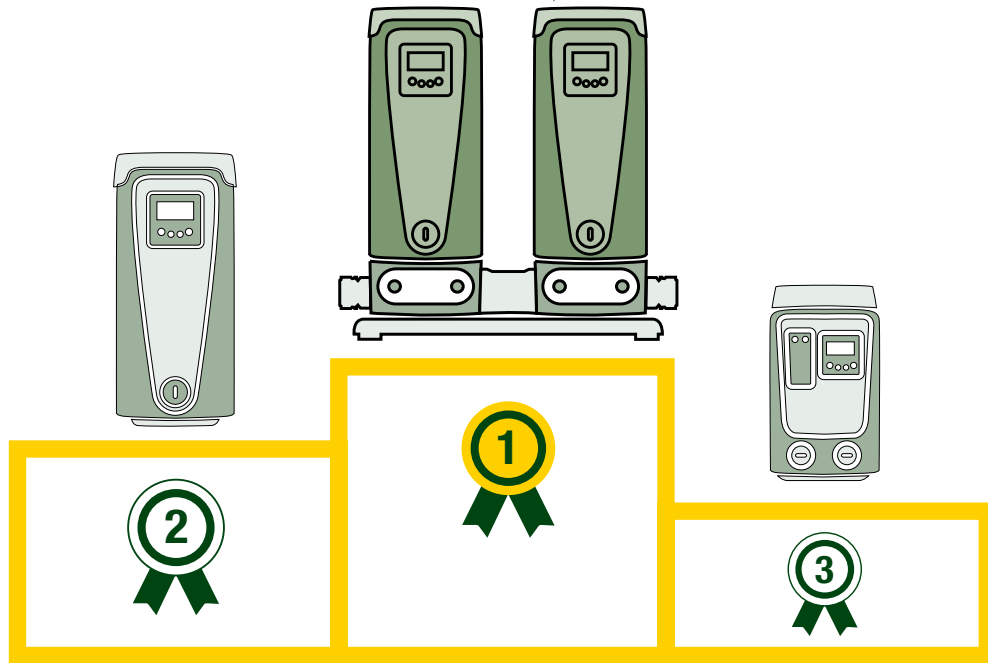
OLYMPIC MEDAL LINE

Guarantees the comforts and savings of constant pressure Set Point adjustable from 14 to 79psi (1 to 5.5 bar) in the system and up to 250 Dollars a year* saving on energy bills with e.sytwin up to 1,000 Dollars a year*, thanks to the inverter technology.



CHAMPION OF SAVINGS

UP TO 50%
ENERGY
SAVINGS
COMPARED
TO TRADITIONAL
SOLUTIONS

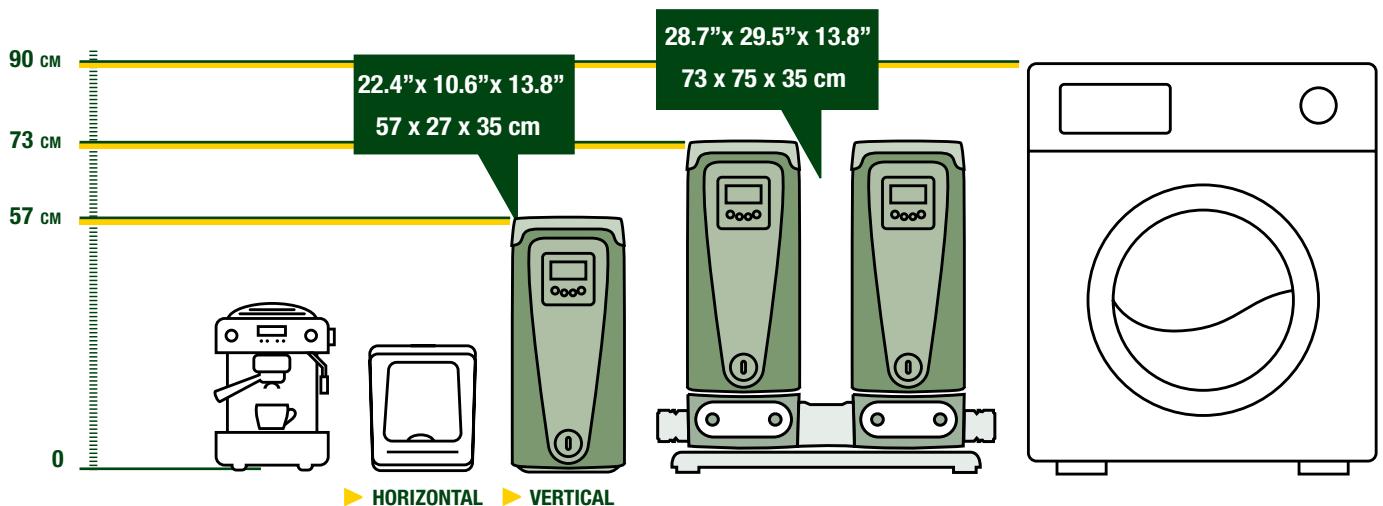


*compared to a traditional booster set in terms of medium usage conditions.

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.



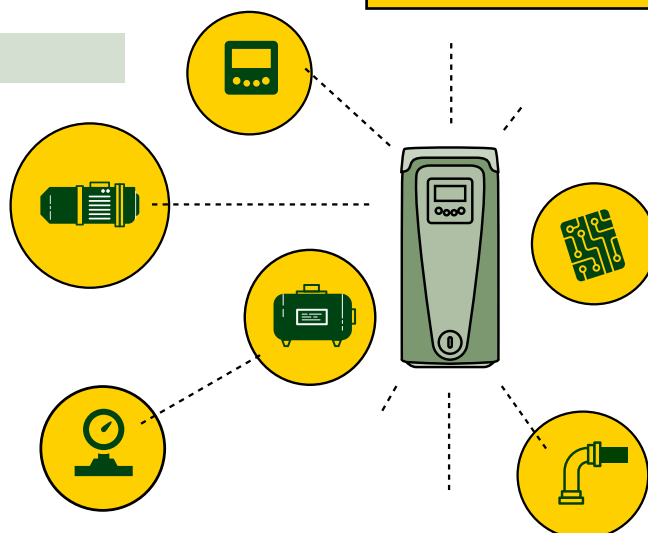
e.sybox

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

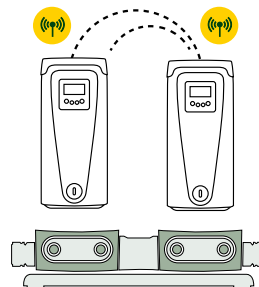
COMMUNICATE WITH E.SYBOX

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.



WIRELESS

ON BOARD

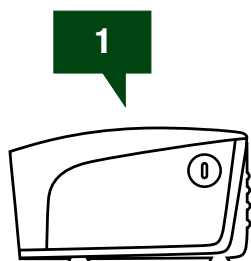


Thanks to the equipped wireless connection is possible to create groups of two to four pumps and can be connected to the intertet.

MAXIMUM VERSATILITY

3 INSTALLATION POSITIONS

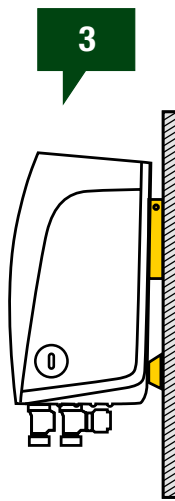
Horizontal, vertical or wall mounted, e.sybox can be installed virtually anywhere inside or outside the home.



► HORIZONTAL



► VERTICAL



► ON THE WALL
with e.sywall



► OUTSIDE
with e.sycover

e.sybox

EFFICIENT HIGH PERFORMANCE



e.sybox

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

Guaranteed for 5 years without any maintenance requirements. 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



ANTIFREE PROTECTION



e.sybox

ACCESSORIES

MODULARITY IN FIRST PLACE

The innovative range of e.sylne 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 base

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.

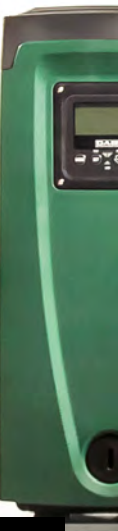
Quick connect station for groups with two e.sybox



e.sytwin



It offers outstanding performance with the ability to combine operations, with reduced dimensions of 50% 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.



e.sylne



Wall installation

e.syWALL

Complete wall mounting kit with brackets, screws, dowels, 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.
Suitable for both e.sybox and e.sybox mini³.



Outside installation




e.syCOVER

Suitable for both e.sybox and e.sybox mini³.



e.syLINE

SELECTION TABLE

	WATER PRESSURE				IRRIGATION	
	MAXIMUM NUMBER OF FLOORS	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 (3.4 bar)
		MAXIMUM NUMBER OF APARTMENTS			MAXIMUM NUMBER OF SPRINKLERS	
 esybox mini ³	1	2	2	1	8	-
	2	2	2	1		
	3	2	1	1		
 esybox	1	9	5	4	16	4
	2	8	5	4		
	3	7	5	4		
	UP TO 6	6	3	-		
 esybox twin	1	16	10	6	-	7
	UP TO 3	16	10	6		
	4	15	9	5		
	5	14	8	5		
	6	12	7	5		
	UP TO 8	11	6	-		

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

TECHNICAL DATA

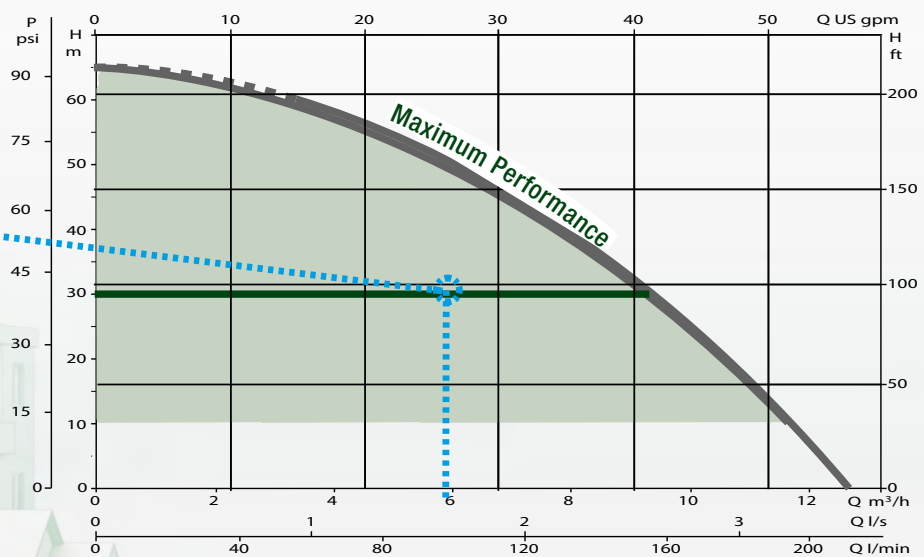
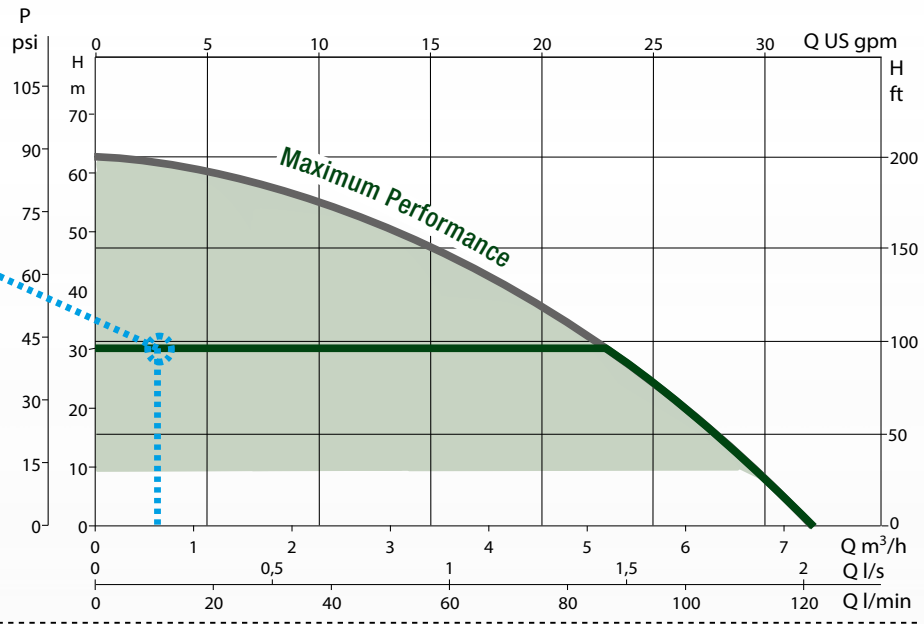
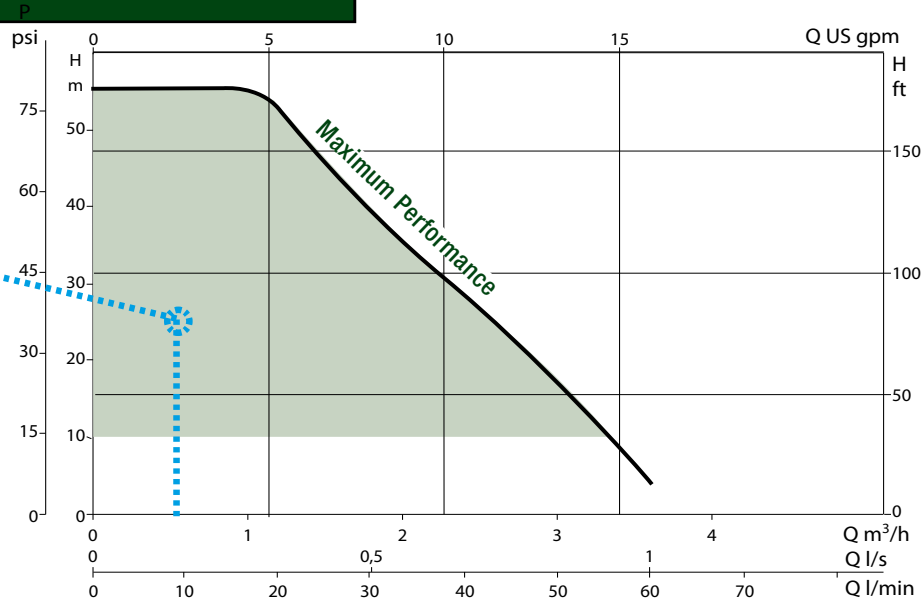
esybox mini³

esybox

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	

esyline

PERFORMANCE DATA



esyline



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