



product
design award

2013 ■



e.syline

WATER PUMPS HAVE EVOLVED



DAB[®]
WATER • TECHNOLOGY

2 MODELS.. 1 COMPLETE LINE



250€
SAVINGS PER YEAR*
ON ELECTRICITY BILLS

Up to 6 floors - Max 9 apartments

e.sybox

house

small apartment complex

apartment or small residence



120€
SAVINGS PER YEAR*
ON ELECTRICITY BILLS

Up to 3 floors, 2 bathrooms and 50m² of garden

e.sybox mini

large apartment complex



1000€
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.



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.



PRESSURISATION



GARDENING AND IRRIGATION



REUSE OF RAINWATER

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 3-rotor 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

Available on the iPhone **App Store** ANDROID APP ON **Google play**



280 W
2,7 Bar
9 l/min

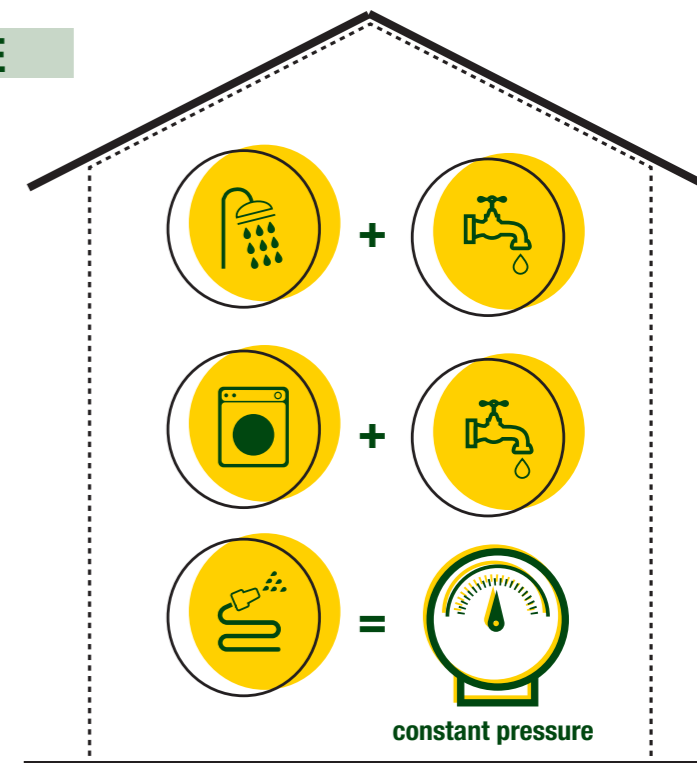


OVERVIEW

CONSTANT PRESSURE

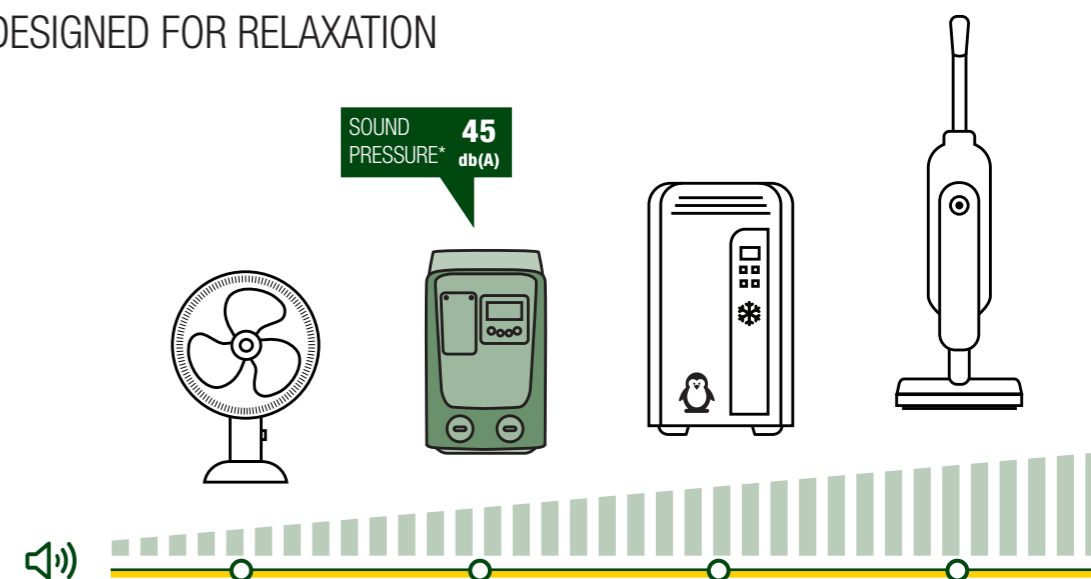
FOR MAXIMUM COMFORT

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



APPLICATIONS

Apartments up to 3 floors, 2 bathrooms and 50m² of garden.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:

WELLS DOWN TO 8 M DEEP
RAINWATER COLLECTION TANKS
TANKS
AQUEDUCT
* where permitted by law

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.



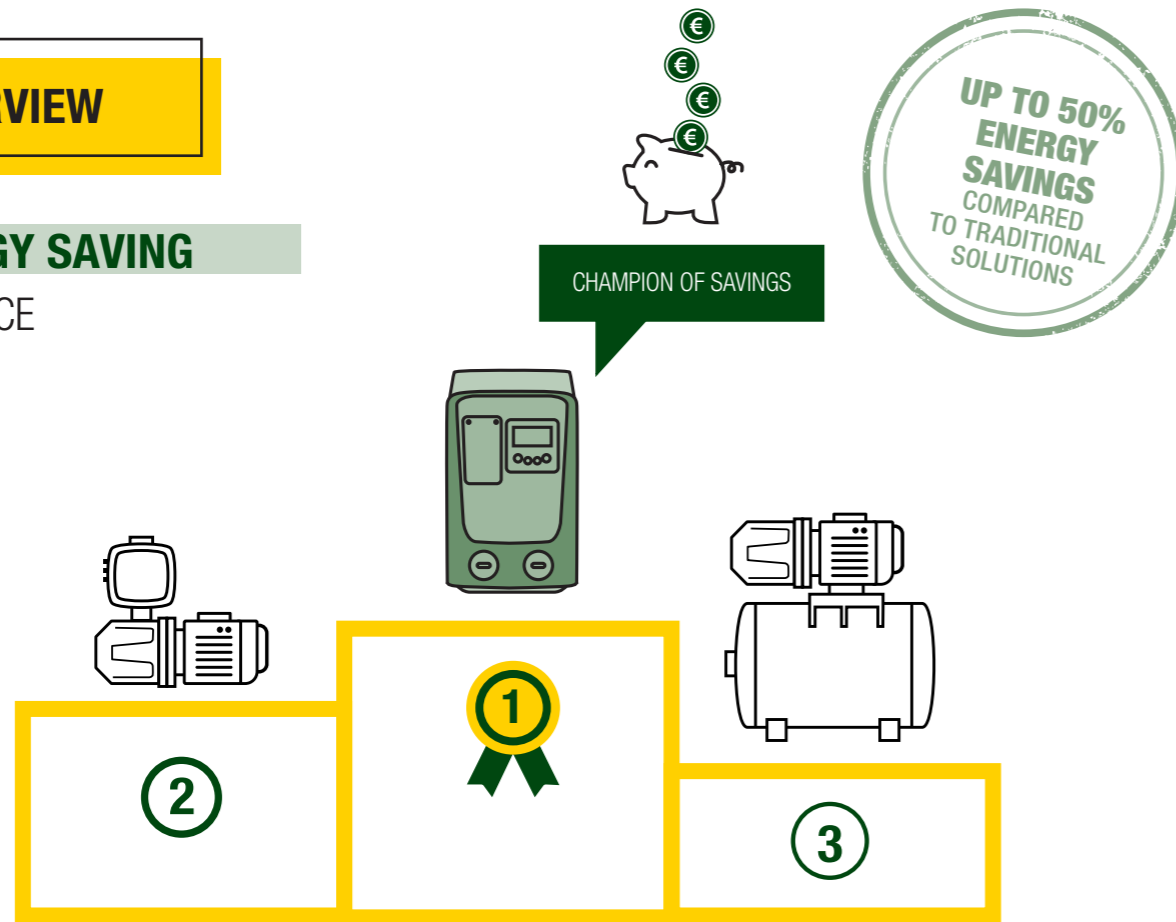
*sound pressure measured at 1 meter distance in free field

OVERVIEW

ENERGY SAVING

IN FIRST PLACE

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

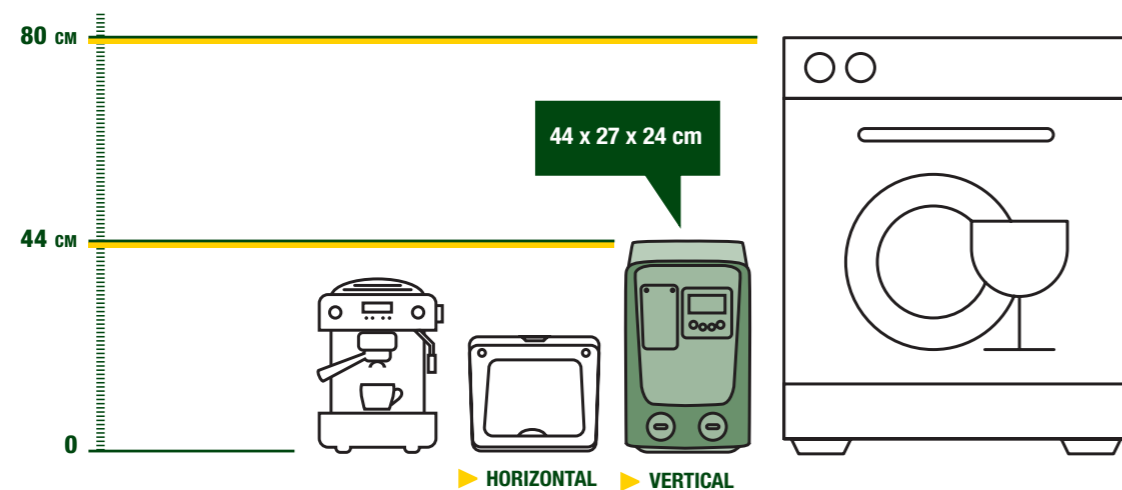


*compared to a traditional booster set in terms of medium usage conditions.

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.

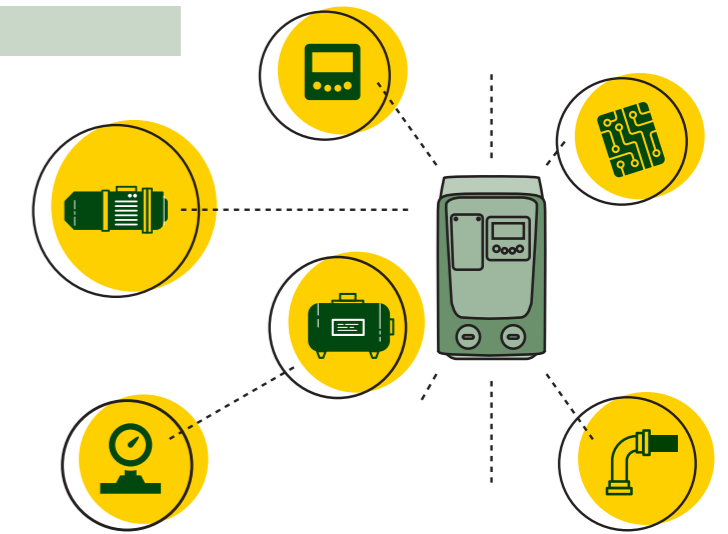


e.sybox mini³

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

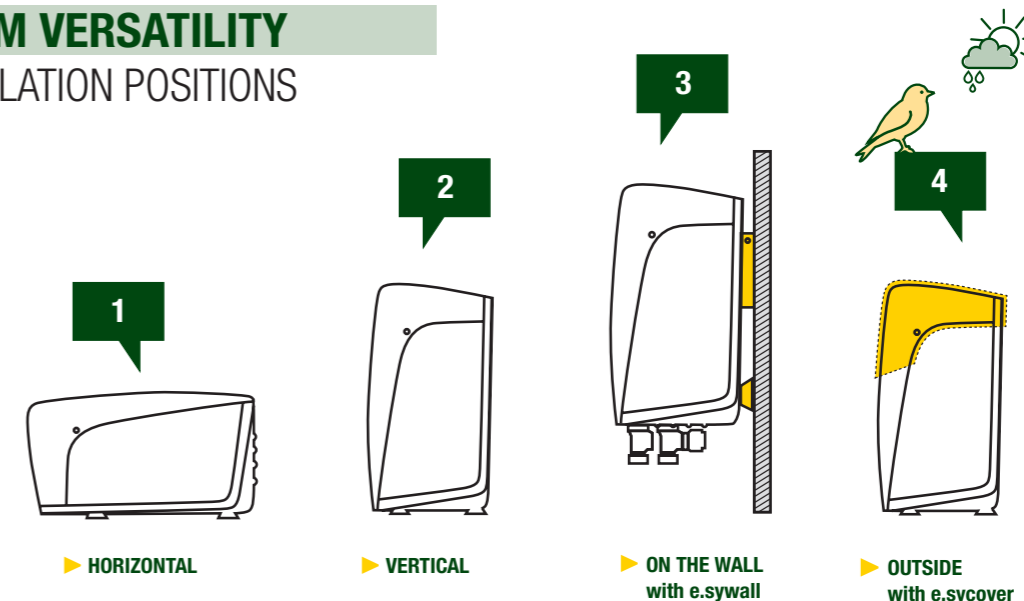
LCD 70X40 mm high-resolution screen, adjustable to adapt the readability at various installations. The intuitive interface gives access to all the system information and the main settings depending on the specific application.



MAXIMUM VERSATILITY

3 INSTALLATION POSITIONS

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



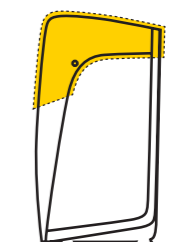
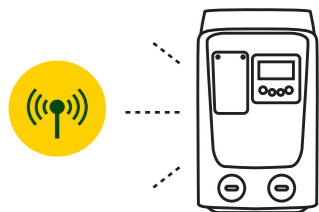
OVERVIEW

ready
D+CONNECT

WIRELESS

ON BOARD

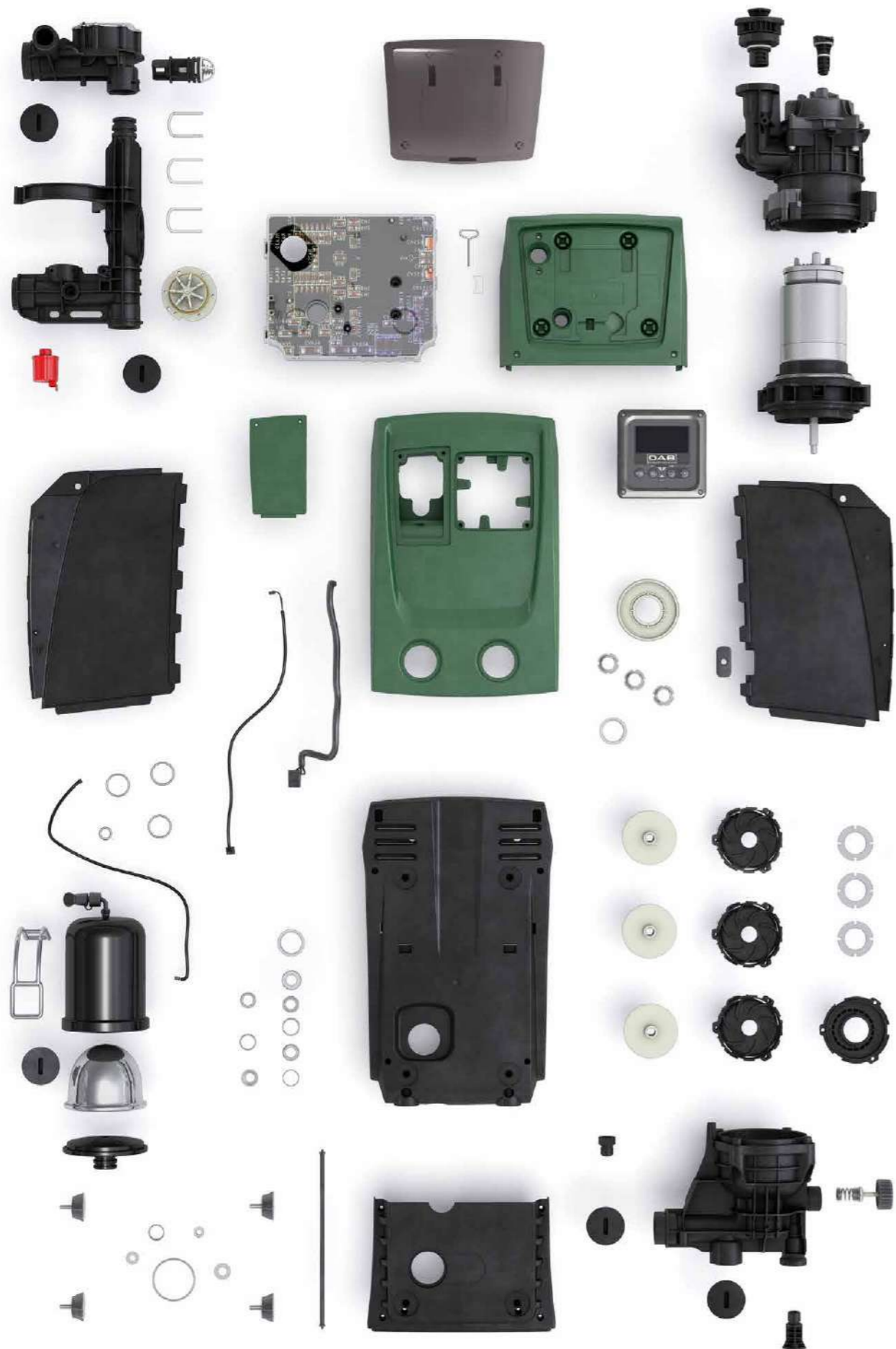
Thanks to the integrated wireless capability, e.sybox mini³ can be connected to the Internet.



▶ OUTSIDE with e.sycover

e.sybox mini³

DIMENSIONS ARE IMPORTANT

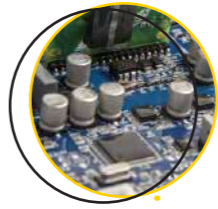


FEATURES



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.



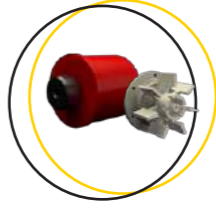
TECHNICAL COMPARTMENT

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



1 LITRE EXPANSION TANK

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



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.sytwin app
 DOWNLOAD THE APP,
 FRAME AND DISCOVER
 THE AUGMENTED
 REALITY

Available on the iPhone
App Store

ANDROID APP ON
Google play



1860 W
 3 Bar
 100 l/min



e.sytwin



360 W
 3 Bar
 12 l/min

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 8 M DEEP



RAINWATER COLLECTION TANKS



TANKS



AQUEDUCT
 * where permitted by law

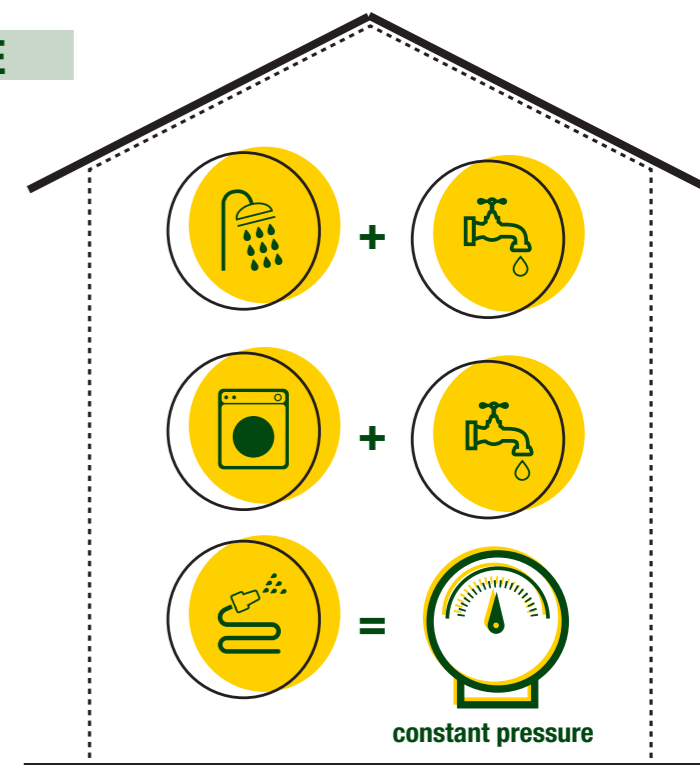
OVERVIEW

CONSTANT PRESSURE

FOR MAXIMUM COMFORT

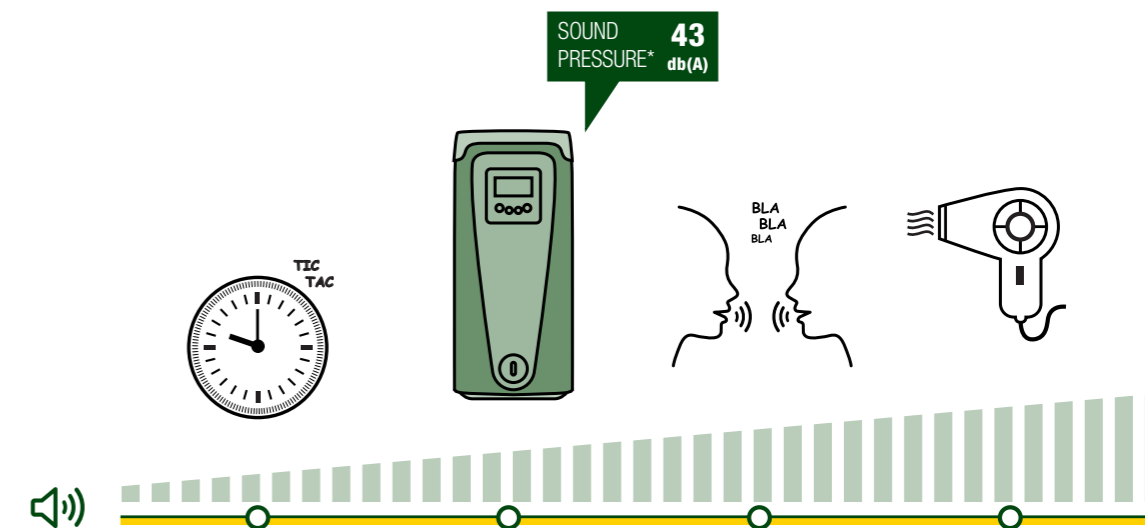


Thanks to inverter technology, once you have set the desired pressure, e.sybox mini³ maintains a constant pressure to all the water outlets served.



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.

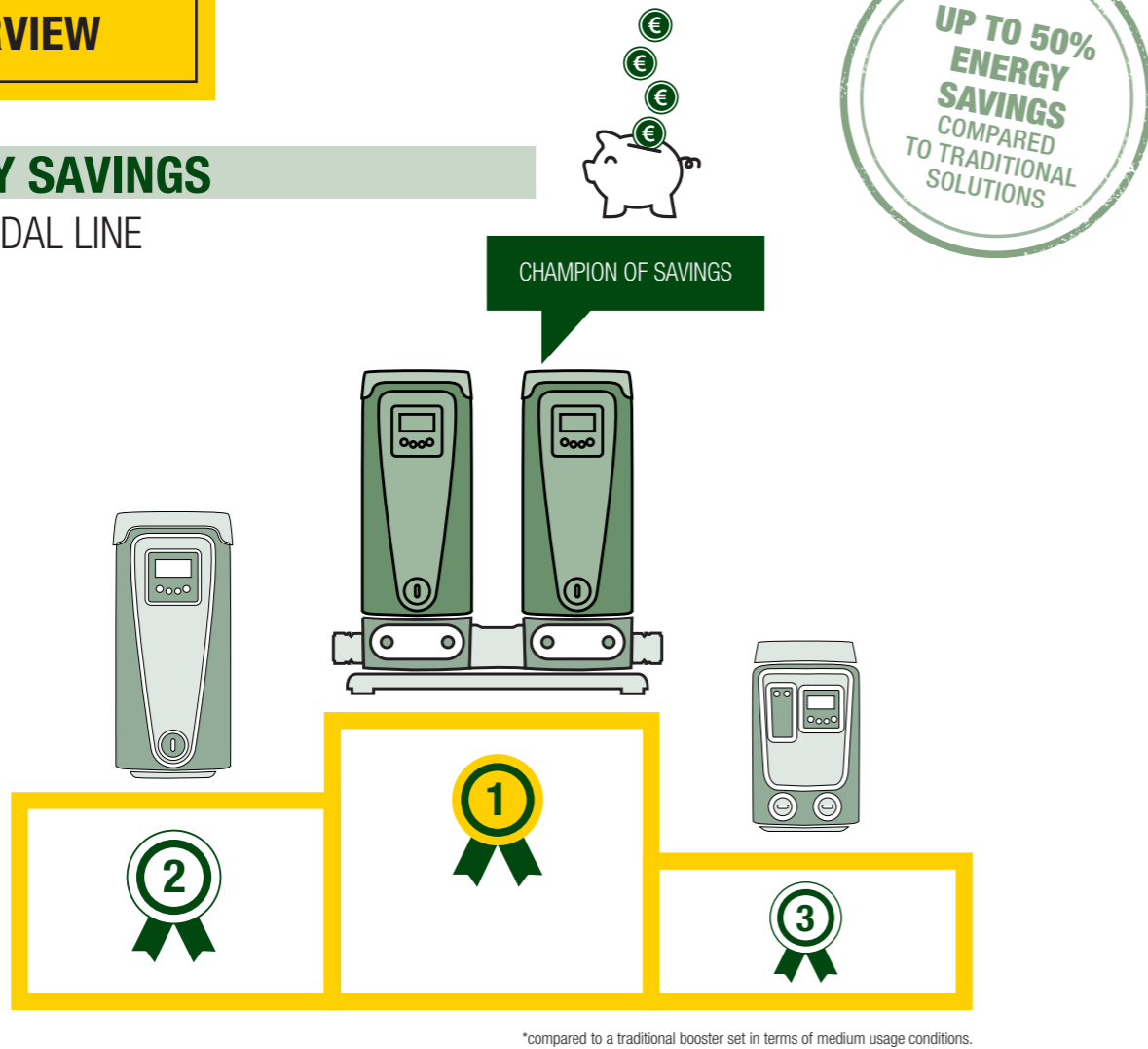
*sound pressure measured at 1 meter distance in free field

OVERVIEW

ENERGY SAVINGS

OLYMPIC MEDAL LINE

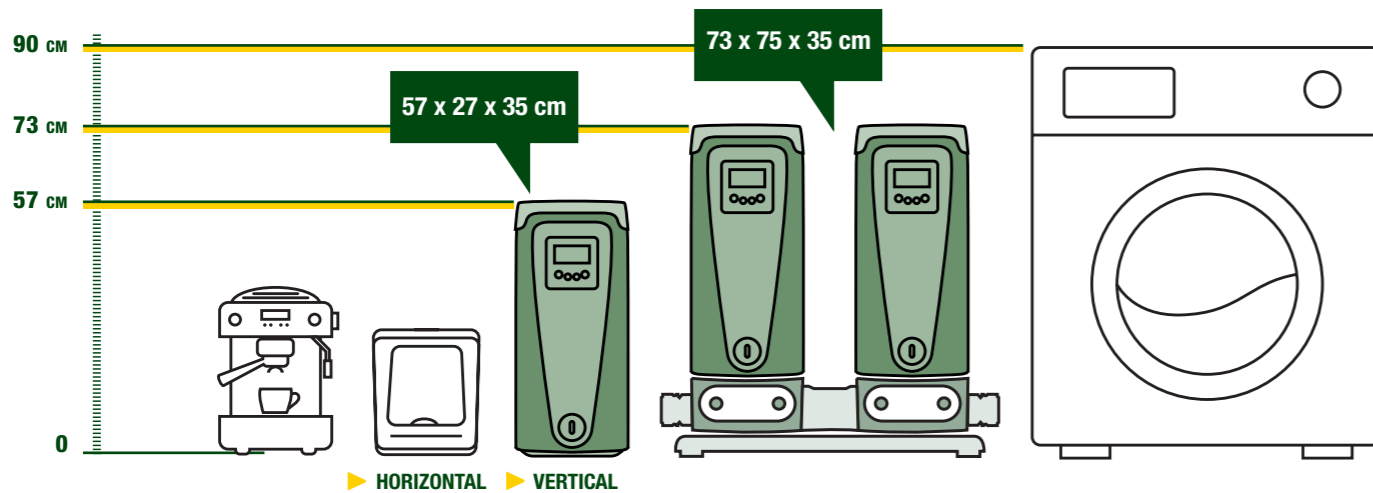
Guarantees the comforts and savings of constant pressure (Set Point adjustable from 1 to 5.5 bar) in the system and up to 250 euros a year* saving on energy bills with e.sytwin up to 1,000 euros a year*, thanks to the inverter technology.



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.

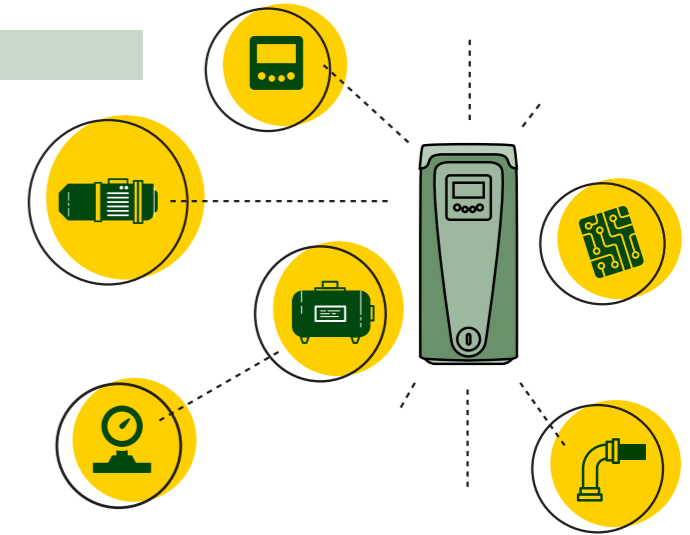


e.sybox

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

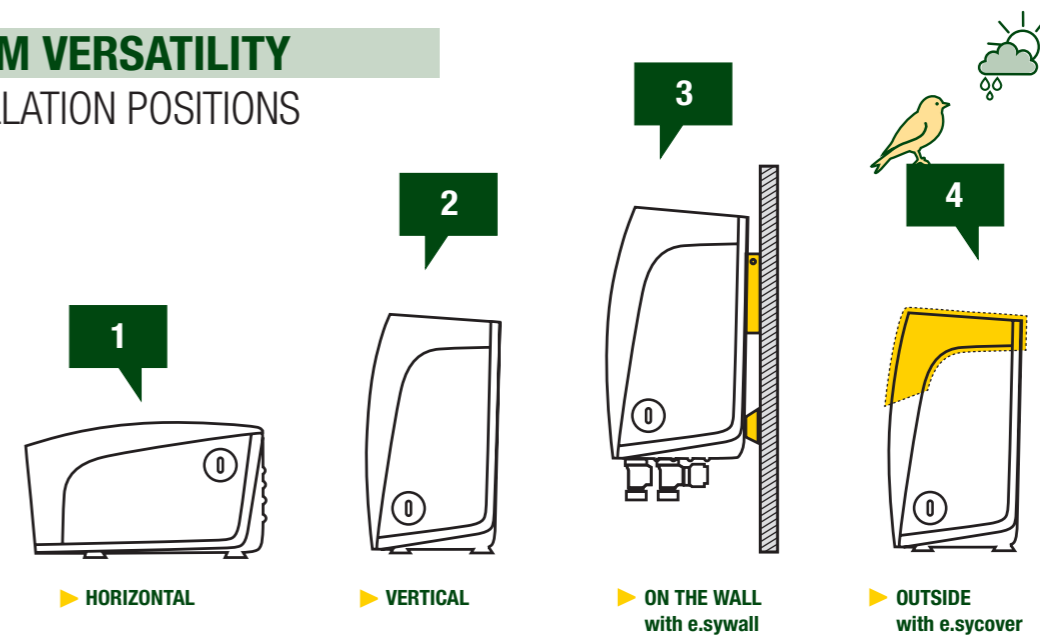
LCD 70X40 mm high-resolution screen, adjustable to adapt the readability at various installations. The intuitive interface gives access to all the system information and the main settings depending on the specific application.



MAXIMUM VERSATILITY

3 INSTALLATION POSITIONS

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

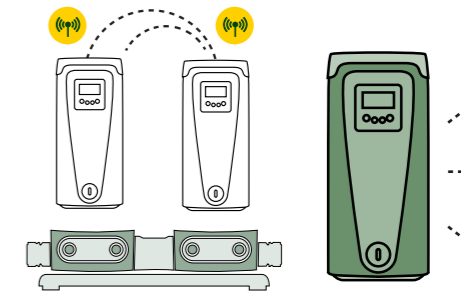


OVERVIEW

D+CONNECT ready

WIRELESS

ON BOARD

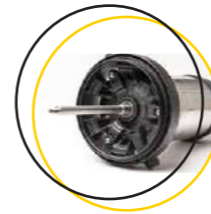


Thanks to the equipped wireless connection is possible to create groups of two to four pumps and can be connected to the internet.

e.sybox

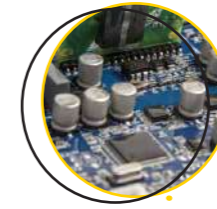
EFFICIENT HIGH PERFORMANCE

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.



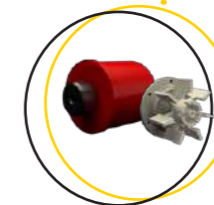
TECHNICAL COMPARTMENT

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



2 LITRE EXPANSION TANK

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



ANTIFREEZE PROTECTION



ACCESSORIES

MODULARITY IN FIRST PLACE

The innovative range of e.sylene 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.

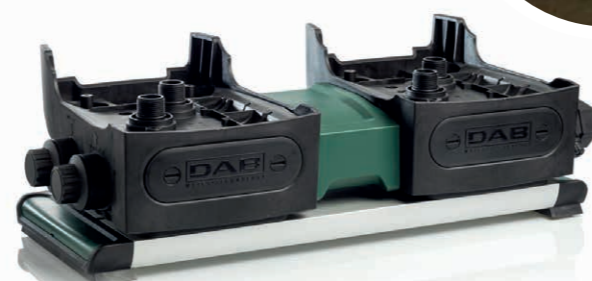
Thanks to 4 possible hydraulic configurations, installation becomes even more rapid and flexible. In case of maintenance, e.sydock allows the quick disconnection of e.sybox helping to reduce maintenance down time of the system.

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.



Water storage tank ready for use

e.sytank

480 litre tank provided with e.sydock for quick installation. It is suitable for potable water and is equipped with filling valve from the water supply (complies with UNI EN 1717), with AG type overflow system, suction hose with bottom valve and discharge hose.

The tank is suitable for installation above ground and the four slots on the base facilitate the fixing to the ground. It is equipped with direct discharge from the tank.

The system is modular with the ability to install additional tanks on three sides (laterally and to the rear).



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.



SELECTION TABLE

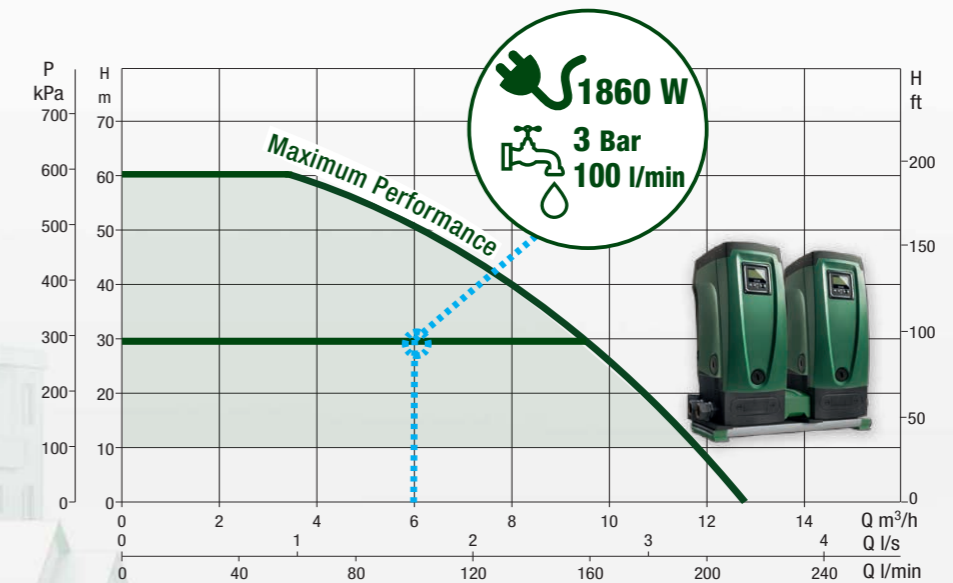
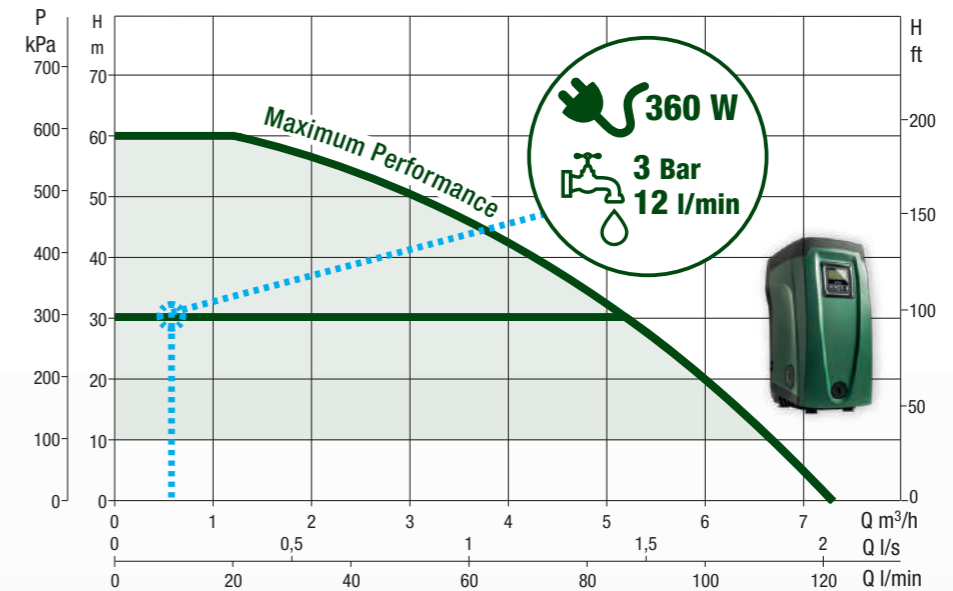
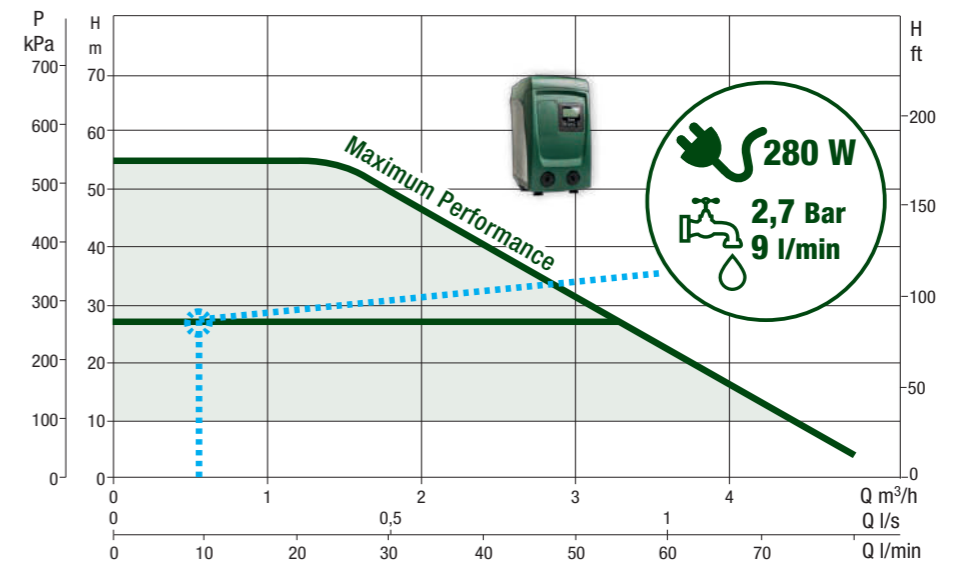
MAXIMUM NUMBER OF FLOORS	WATER PRESSURE			IRRIGATION	
	SMALL SIZE APARTMENT with 1 bathroom (6*)	MEDIUM SIZE APARTMENT with 2 bathrooms (10*)	LARGE SIZE APARTMENT with 2 bath. plus a garden (15*)	STATIC SPRINKLERS RANGE 4 M Capacity: 6l/min Working pressure: 2.4 bar	DYNAMIC SPRINKLER RADIUS 14 M Capacity: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

	e.sybox mini	e.sybox
OPERATING RANGE:	flow rate up to 80l/min; head up to 55m	flow up to 120l/min; head up to 65m
PUMPED LIQUID:	clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized and not chemically neutral	
LIQUID TEMPERATURE RANGE:	from 0°C to + 35°C for domestic use and from 0°C + 40°C for other uses	
MAXIMUM SUCTION DEPTH:	8 meters	
MAXIMUM AMBIENT TEMPERATURE:	+50°C	
MAXIMUM WORKING PRESSURE:	7,5 bar (750 kPa)	8 bar (800 kPa)
MOTOR PROTECTION:	IPX4 (without e.sycovers fitted)	
INSULATION CLASS:	F	

PERFORMANCE DATA



**DAB PUMPS LTD.**

Unit 4 and 5, Stortford Hall Industrial Park,
Dunmow Road,
Bishops Stortford,
Herts
CM23 5GZ - UK
salesuk@dwtgroup.com
Tel. +44 1279 652 776
Fax +44 1279 657 727

**DAB PUMPS B.V.**

Brusselstraat 150
B-1702 Groot-Bijgaarden - Belgium
info.belgium@dwtgroup.com
Tel. +32 2 4668353
Fax +32 2 4669218

**DAB PUMPS B.V.**

Albert Einsteinweg, 4
5151 DL Drunen - Nederland
info.netherlands@dwtgroup.com
Tel. +31 416 387280
Fax +31 416 387299

**DAB PUMPEN DEUTSCHLAND GmbH**

Tackweg 11
D - 47918 Tönisvorst - Germany
info.germany@dwtgroup.com
Tel. +49 2151 82136-0
Fax +49 2151 82136-36

**DAB PUMPS IBERICA S.L.**

Calle Verano 18-20-22
28850 Torrejón de Ardoz - Madrid
Spain
info.spain@dwtgroup.com
Tel. +34 91 6569545
Fax: +34 91 6569676

**DAB PRODUCTION HUNGARY KFT.**

H-8800
Nagykanizsa, Buda Ernő u.5
Hungary
Tel. +36 93501700

**DAB PUMPS POLAND Sp. z o.o.**

Mokotów Marynarska
ul. Postępu 15C
02-676 Warszawa - Poland
polska@dabpumps.com.pl
Tel. +48 223 816 085

**DAB UKRAINE Representative Office**

Regus Horizon Park
4 M. Hrinchenka St, suite 147
03680 Kiev - Ukraine
Tel. +38 044 391 59 43

**OOO DAB PUMPS**

Novgorodskaya str. 1, block G
office 308, 127247, Moscow - Russia
info.russia@dwtgroup.com
Tel. +7 495 122 0035
Fax +7 495 122 0036

**DAB PUMPS INC.**

3226 Benchmark Drive
Ladson, SC 29456 - USA
info.usa@dwtgroup.com
Tel. 1-843-824-6332
Toll Free 1-866-896-4DAB (4322)
Fax 1-843-797-3366

**DWT SOUTH AFRICA**

Podium at Menlyn,
3rd Floor, Unit 3001b, 43 Ingersol Road,
C/O Lois and Atterbury street,
Menlyn, Pretoria, 0181 - South-Africa
info.sa@dwtgroup.com
Tel. +27 12 361 3997
Fax +27 12 361 3137

**DAB PUMPS CHINA**

No.40 Kaituo Road, Qingdao Economic & Technological
Development Zone
Qingdao City, Shandong Province - China
PC: 266500
info.china@dwtgroup.com
Tel. +8653286812030-6270
Fax +8653286812210

**DAB PUMPS DE MÉXICO, S.A. DE C.V.**

Av Gral Álvaro Obregón 270, oficina 355
Hipódromo, Cuauhtémoc 06100
México, D.F.
Tel. +52 55 6719 0493

**DAB PUMPS OCEANIA PTY LTD**

L1 181 Bay Street - Brighton,
Melbourne - VIC 3186 - Australia
info.oceania@dwtgroup.com
Tel. +61 (03) 9595 3841