

esybox LINE



**MODULARITY AND CONNECTIVITY
THE REVOLUTION OF WATER PRESSURISATION**



ESYBOXLINE.COM

DAB
WATER • TECHNOLOGY



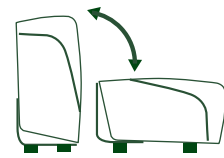
2013 01

esybox

THE ORIGINS

Esybox is the result of the path undertaken by DAB for the integration of companies, technologies and people. But it is also the start of a new line of revolutionary products.

Esybox was launched in 2013, and was the first fully integrated electronic system... in a box. A compact enclosure with minimum space requirements. It's an all-in-one ready-to-use booster pump with inverter and thanks to its ergonomic design set a new benchmark for the management of water pressure in the domestic and residential sector.



2015 03

esybox mini³

ESYBOX MINI³ MAKES ITS APPEARANCE: THE CUSTOM-MADE BOOSTER PUMP FOR THE HOME

The line was extended with the introduction of Esybox Mini³, a compact and even quieter booster pump with adequate performance for the individual home.



2013 02

THE STRENGTH OF A RANGE

Believing in the value of modularity, DAB design around the Esybox a range of accessories that became true extensions of the product itself. The Esydock single dock and the Esytwin twin dock, brought for the first time to the market the OSA (on site assembly) concept, and together with the Esytank ready tank turned Esybox into a range of solutions capable of meeting the needs of residential applications, in buildings with up to 9 floors and 17 apartments.



2016 04

ESYBOX AND DCONNECT UP IN THE CLOUD!

DAB connectivity became natural evolution, the necessary step for further enhancing the interaction between the Esybox range and its target users. The DConnect remote control service opened a new digital communication channel, available at any time of day, for the direct management of the pumps without the need to visit the installation site.

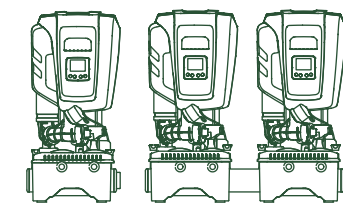
esybox DIVER



2020 05

ALWAYS ONE STEP AHEAD

7 years after its market launch, thousands of Esybox systems have been installed worldwide. And this is just the right time for a step forward. DAB extends the technological innovation of the Esybox Line to the world of submersible applications thanks to Esybox Diver, the first all-in-one solution for wells and cisterns.



esybox max

2020 06

ESYBOX MAX - MODULARITY 4.0

With Esybox Max, DAB takes the technological evolution to a new level and completes a range that is now capable of efficiently managing the water pressurisation of buildings with up to 120 apartments and 14 floors, meeting the needs of large residential apartment blocks and commercial or public facilities. In its native form, Esybox Max can be connected without additional accessories to cloud services.

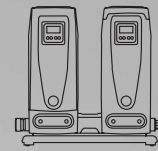
DAB is once again anticipating the needs of professionals by introducing a solution that effectively facilitates selection, distribution, installation and maintenance activities.



esybox

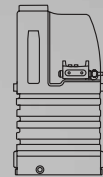
THE FIRST OF ITS KIND

Esybox is a booster pump designed for use with drinking water in domestic systems and gardening applications. It's a compact product with integrated components that allows simple and efficient domestic pressurisation management.



MODULAR

Creating two-pump sets has never been easier with the Esytwin quick connect station. Outstanding performance with a 50% smaller footprint than equivalent traditional systems.



A COMPLETE KIT

Esytank is a 480-litre tank that comes with Esydock, for quick installation of Esybox above ground. Esytank is also modular: additional tanks can be installed on three sides.



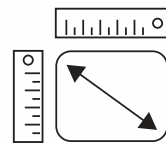
USE

Villas and small apartment complexes with up to 6 floors and 9 apartments

esybox mini³

WHEN SIZE MATTERS

Esybox Mini³ is the booster pump for the management of pressurisation in home and gardening systems. In a very small space, it utilises the most advanced DAB technology to ensure constant pressure, and with thanks to the integrated inverter it has an increased reduction in noise and consumption levels.



MINIMUM SPACE REQUIREMENTS, MAXIMUM EFFICIENCY

Small and extremely compact, Esybox Mini³ can also be installed under the kitchen sink, without compromising on high performance and maintains constant pressure throughout the home and garden.



SO QUIET (AND RELIABLE) THAT YOU CAN FORGET ABOUT IT.

The water-cooled engine, inverter electronics, sound-proofed housing and the anti-vibration feet make it an extremely quiet booster pump that even defies the lightest sleeper.



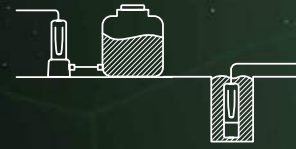
USE

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

esybox DIVER

THE FUTURE OF WATER PRESSURISATION

Esybox Diver is the first electronic submersible pump with integrated inverter to have a user interface for remote control. Electronics and connectivity are combined to make for an efficient and versatile product suited to the needs of every user: a thousand solutions in one for residential domestic pressurisation.



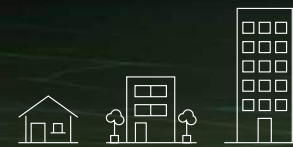
VERSATILE AND FLEXIBLE

One model and a set of accessories offer the performance of a complete range: Standard version for cistern or well installation, Dry version for surface installation, and X version for the extraction of clean water from wells.



ALWAYS UNDER CONTROL

The DConnect Box 2 is a standard product and installation and control of the functions can be carried out quickly and easily with the DConnect App. Your smartphone becomes a portable display, for real-time monitoring of consumption levels and pump activity, and to remotely control water levels through the float, or prevent faults or blockages.



USE

Villas and small apartment complexes with up to 6 floors and 9 apartments

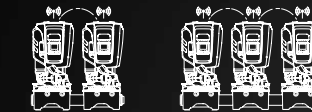


esybox MAX

PURE INTEGRATION

Astounding right from its conception, Esybox Max is the pumping system that serves both the residential sector and CBS, *Commercial Building Services*. This is possible thanks to a powerful idea: the modularity of the components.

The combined use of native Wi-Fi and Bluetooth communication technologies, connectivity services and expansion modules allows the pumps to interface with each other, while the whole system can communicate with the outside world in an immediate and effective manner.



OSA, ON SITE ASSEMBLY

Each component is assembled to deliver outstanding performance and user experience. Esybox Max can be configured at the place of installation, combining up to 4 pumps together, to ensure every time a set perfectly suited for the installed utilities.



HYPER-CONNECTED

The DConnect integration makes sure that the operating parameters of the pumps exactly follow the project requirements, avoiding any possible problems. Setup and monitoring are in real time, even remotely.



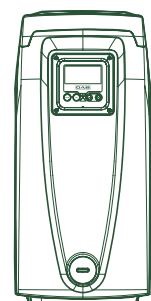
USE

From 10-storey apartment buildings to hospitals and medium-sized hotels.



DCONNECT APP

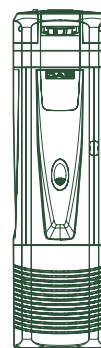




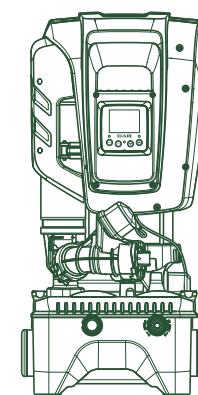
esybox



esybox mini³



esybox DIVER



esybox MAX

FEATURES

| | | | | | |
|--|--------------------------------|--|--|---|---|
| | OPERATING RANGE | FLOW RATE: up to 7,2 m ³ /h MAXIMUM HEAD: up to 65 m | FLOW RATE: up to 4,8 m ³ /h MAXIMUM HEAD: up to 55 m | FLOW RATE: up to 7,2 m ³ /h MAXIMUM HEAD: up to 55 m | FLOW RATE: up to 17,4 m ³ /h MAXIMUM HEAD: up to 113 m |
| | ENERGY SAVING | UP TO 250 € A YEAR IN THE BILL * | UP TO 120 € A YEAR IN THE BILL * | UP TO 200 € A YEAR IN THE BILL * | UP TO 450 € A YEAR IN THE BILL * |
| | DCONNECT | AVAILABLE with Dconnect Box or Dconnect Box 2 | AVAILABLE with Dconnect Box or Dconnect Box 2 | AS STANDARD with Dconnect Box 2 | INTEGRATED |
| | COMMUNICATION PROTOCOLS | WI-FI | WI-FI | WI-FI NFC (Near Field Communication), PLC (Power Line Communication), | WIRELESS, WI-FI, BLUETOOTH, integrated and standard. Modbus for communication with external systems. |
| | CERTIFICATIONS | ACS, WRAS, NSF61 | ACS, WRAS, NSF61 | ACS, WRAS, NSF61 (Models with drinking water support only) | ACS (under approval), WRAS, NSF61 |
| | INVERTER | INTEGRATED | INTEGRATED | INTEGRATED | INTEGRATED |
| | DISPLAY | HIGH RESOLUTION LCD, 70x40 mm | HIGH RESOLUTION LCD, 70x40 mm | “PORTABLE”, directly accessible on the smartphone | HIGH DEFINITION LCD, optimum visibility with high contrast, 70x40mm |
| | DIMENSIONS | 26 L X 35 P X 56,5 H * | 24 L X 27 P X 44 H * | 18,5 L X 18,5 P X 65 H | 37,5 L X 38,5 P X 76,5 H |
| | WEIGHT | 27 Kg | 14,6 Kg | 17 Kg | 38 Kg |




* Compared to a conventional booster pump, during average conditions of use.

* VERTICAL INSTALLATION
(Possibility of horizontal installation)

SUITABLE FOR PUMPING WATER FROM

| | | | | | |
|--|--|---|---|---|---|
| | WELLS UP TO 8 M DEEP | ■ | ■ | ■ | □ |
| | TANKS | ■ | ■ | ■ | ■ |
| | RAINWATER COLLECTION TANKS | ■ | ■ | ■ | □ |
| | AQUEDUCT (Where permitted by law) | ■ | ■ | □ | ■ |

The accessories and the possibility of combining products together make the Esybox line fully flexible and versatile: a remove wide range of applications and many operating modes make it the most revolutionary and efficient line in the field of residential water pressurisation and in commercial and public buildings.

| | esybox | esybox mini ³ | esybox DIVER | esybox MAX |
|--|--------|--------------------------|---------------|--------------------------|
|  DCONNECT BOX For remote system monitoring and management, connecting up to 8 pumps. | ■ | ■ | □ | □ Integrated DConnect |
|  DCONNECT BOX 2 For system monitoring and setup using a smartphone, connecting up to 4 pumps, with the possibility of accessing the DAB cloud service. | ■ | ■ | ■ Included | □ Integrated DConnect |
|  ESYWALL Complete wall installation kit. | ■ | ■ | □ | □ |
|  ESYCOVER + ESYGRID To protect the pump from rain and foreign bodies in case of outdoor installation. | ■ | ■ | □ | □ |
|  ESYTANK 500 l auxiliary tank with quick connection. | ■ | □ | □ | □ |
|  ESYTANK COUPLING KIT Kit for the connection of several auxiliary tanks. | ■ | □ | □ | □ |
|  ESYTANK AUXILIARY DELIVERY KIT Auxiliary delivery pipe for the creation of multi-pump booster sets. | ■ | □ | □ | □ |
|  DOC 68 Base for surface use of submersible pumps. | □ | □ | ■ | □ |
|  NFC LEVEL SENSOR For the remote detection of the water level in the tank. | □ | □ | ■ | □ |
|  FLOAT For the detection of the water level in the tank. | □ | □ | ■ | □ |

esybox esybox mini³ esybox DIVER esybox MAX



SUCTION KIT
To prevent dust and mud being pumped into the water suction.

esybox: □ esybox mini³: □ esybox DIVER: ■
X version only esybox MAX: □



KIT ESYLINK
Kit with power supply unit and control panel.

esybox: ■ esybox mini³: ■ esybox DIVER: □ esybox MAX: □



ESY I/O
Electronic expansion module for outside analogue, digital or Modbus protocol connection.

esybox: □ esybox mini³: □ esybox DIVER: □ esybox MAX: ■



ELECTRIC CONTROL PANELS
Electric connection panels for the powering of multi-pump sets.

esybox: □ esybox mini³: □ esybox DIVER: □ esybox MAX: ■



MOUNTING BRACKET
For attaching the electric control panel to the 2 or 3 pump set.

esybox: □ esybox mini³: □ esybox DIVER: □ esybox MAX: ■

ESYDOCK MAX
Quick assembly base with 4 hydraulic configuration possibilities.
(Esybox Max only)



2 ESYDOCK MAX
Quick assembly base for 2-pump sets with 4 hydraulic configuration possibilities.
(Esybox Max only)



3 ESYDOCK MAX
Quick assembly base for 3-pump sets with 4 hydraulic configuration possibilities.
(Esybox Max only)

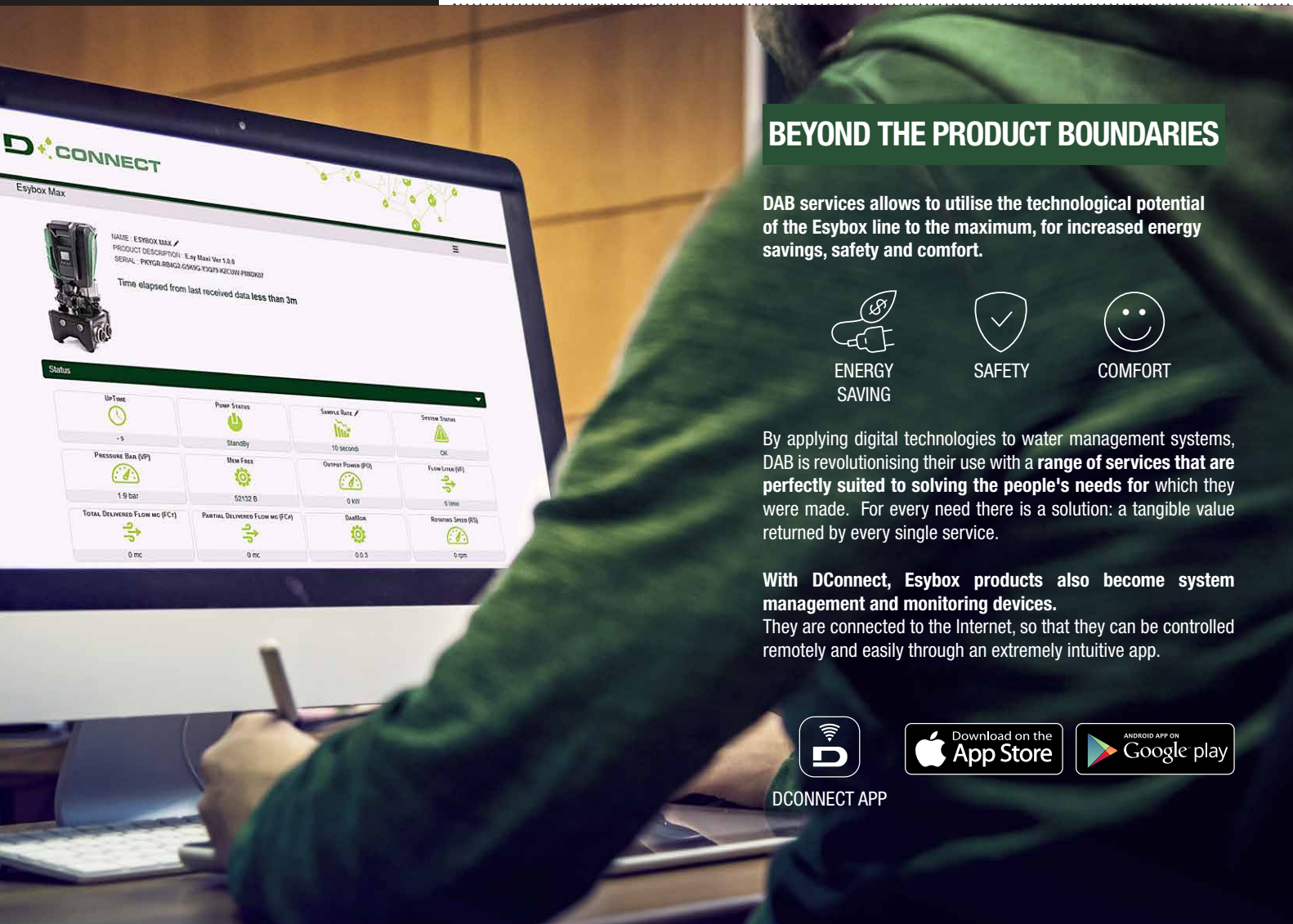


ESYDOCK
Quick connection base with 4 hydraulic configuration possibilities.
(Esybox only)



ESYTWIN
Quick connect base for the 2-pump sets with 4 hydraulic configuration possibilities.
(Esybox only)





BEYOND THE PRODUCT BOUNDARIES

DAB services allows to utilise the technological potential of the Esybox line to the maximum, for increased energy savings, safety and comfort.



By applying digital technologies to water management systems, DAB is revolutionising their use with a **range of services that are perfectly suited to solving the people's needs** for which they were made. For every need there is a solution: a tangible value returned by every single service.

With DConnect, Esybox products also become **system management and monitoring devices**. They are connected to the Internet, so that they can be controlled remotely and easily through an extremely intuitive app.



FUNCTIONAL BENEFITS:

- EASY MANAGEMENT AND CONTROL, EVEN REMOTELY, THANKS TO WIRELESS CONNECTION AND THE APP WITH SIMPLE INTERFACE
- GREATER SAFETY, THANKS TO THE REAL-TIME MONITORING OF THE OPERATION OF THE PUMP
- IMPROVEMENT OF HOME COMFORT
- ENERGY SAVING AND LOWER COSTS IN THE BILL
- INCREASED SYSTEM SUSTAINABILITY LEVELS

THE DAB SERVICES ALLOW:

- REAL-TIME SYSTEM STATUS MONITORING
- FAULT NOTIFICATIONS, AS WELL AS REGULAR MAINTENANCE AND REPAIR ALERTS
- OPERATING PARAMETER CHANGES, WITH ONE CLICK
- THE SETTING OF THE NECESSARY PRESSURE FOR A SET PERIOD OF TIME, FOR EXAMPLE FOR A MORE RELAXING SHOWER
- MONITORING OF HISTORIC PLANT PERFORMANCE

INSTALLER AND MAINTENANCE TECHNICIAN

The product and service package offered by DAB becomes an actual new business model for installers and maintenance technicians.

Quick set-up, prediction of possible issues, constant monitoring and prompt resolution of problems - also remotely -, are all benefits that any customer will appreciate.

The new DAB services give the end customer one more reason to select the technician offering them, who in this way can guarantee reliable, immediate and uninterrupted service. As soon as customers experience the safety and convenience of this new approach they will have no hesitation in recommending any installers offering them.



APARTMENT COMPLEX ADMINISTRATOR

Apartment complex administrators can offer and promote a complete product and service package capable of ensuring reliability and peace of mind typical of DAB's smart, sustainable and safe systems.

An integrated solution that in addition to providing the building with a "green" and eco-sustainable solution, eliminates all the worries connected with sudden system pressure drops. Residents will no longer call on weekends complaining that they can't enjoy a nice shower.

From now on, with DAB services there will be no reason for stress or urgent and unplanned interventions, thanks to the increased efficiency of your trusted maintenance technician, who will have constant control of the operation of the systems, promptly receiving the necessary automatic notifications that will allow them to prevent problems occurring and ensure their quick resolution.



END CUSTOMER

With Esybox and the DAB services, the end customer can gain access to a solution conceived for a future when everyone contributes to the safeguard of the environment.

The smart management of the system allows a conscious use of water, our most precious resource, avoiding all waste.

The end result will be savings on utility bills.

All in addition to the confidence and peace of mind of being able to rely on authorised support services that monitor the system remotely, always ready to take immediate action.





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