

esyBOX

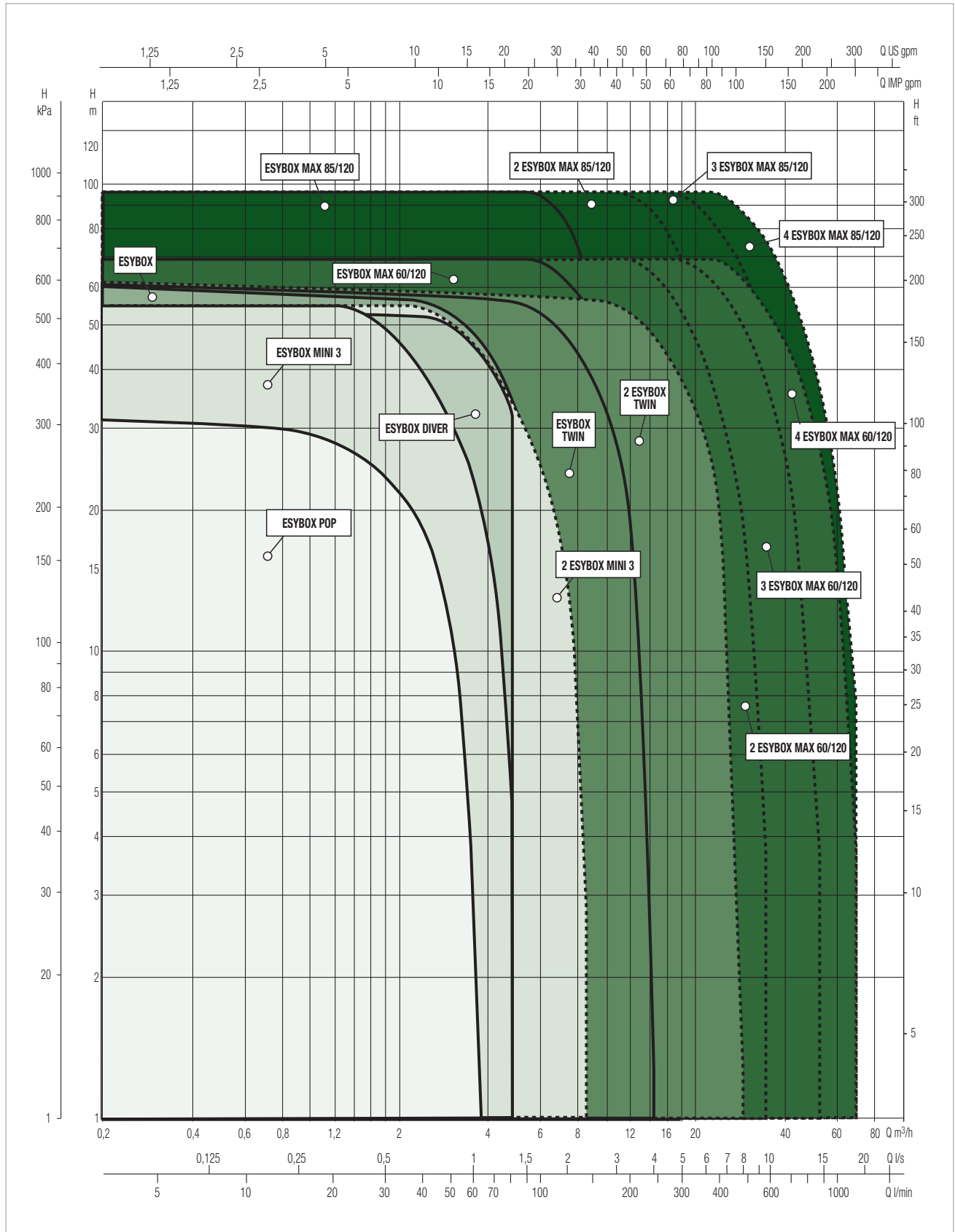
ELECTRONIC PRESSURE BOOSTING SYSTEM



PERFORMANCE RANGE

The performance curves are based on kinematic viscosity values = 1 mm²/s and a density of 1000 kg/m³. Curve tolerance to ISO 9906.

SELECTION GUIDE GRAPH





Energy savings **UP 11%**
For the same performance compared to the previous version



TECHNICAL DATA

Flow rate: Up to 7,2 m³/h

Head: 65 m

Type of liquid pumped: Clean, free of solids and abrasive substances, non-viscous, non-aggressive, non-crystallized, and chemically neutral

Liquid temperature range: +40°C

Maximum ambient temperature: +50°C

Maximum suction depth: 8 m

Maximum working pressure: 8 bar / 800 kPa

Motor protection rating: IP X4

Motor insulation class: F

Impeller material of construction: Technopolymer

Single-phase power supply: 230 V 50 Hz

Power cord length and plug type: 1,5 m with Schuko plug

Possible mounting positions: Fixed, horizontal, vertical or wall mounted using relevant accessory

Certifications: WRAS, ACS, NSF

Multistage self-priming electronic system for pressure boosting, groundwater extraction from shallow wells, gardening and irrigation for small gardens and vegetable patches in domestic, residential, institutional and commercial settings, and for farming applications. Compact and self-contained, it requires no add-ons. Up to four EsyBox units can be connected together to create pressure booster sets. Swivel display. Integrated connectivity provides immediate access to cloud services. Remote control works via H₂D for viewing and managing parameters, settings and comfort functions. Carefully chosen materials and a water-cooled motor combine to produce a particularly quiet pump (43 dB), meaning it can even be installed in occupied spaces. It can be installed vertically or horizontally, or wall mounted using relevant accessories provided separately. Built-in 2-litre pressure vessel.

PUMP DESIGN FEATURES

Self-priming multistage pump. Sound-absorbing protective enclosure. Technopolymer impellers. Built-in flow and pressure sensors; non-return valve and pressure vessel are always built in.

MOTOR DESIGN FEATURES

Motor cooled by the liquid being pumped and encased in a stainless steel jacket. AISI 303 stainless steel motor shaft.

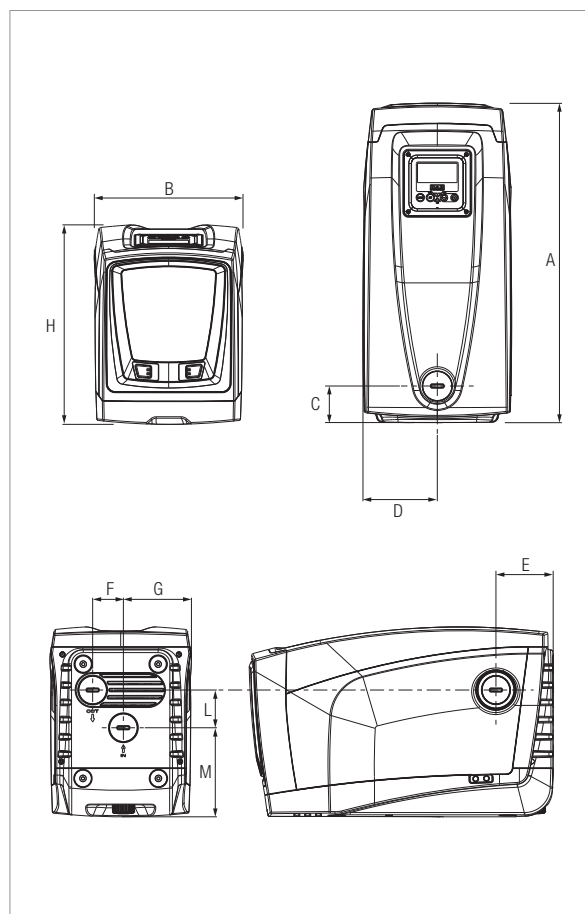
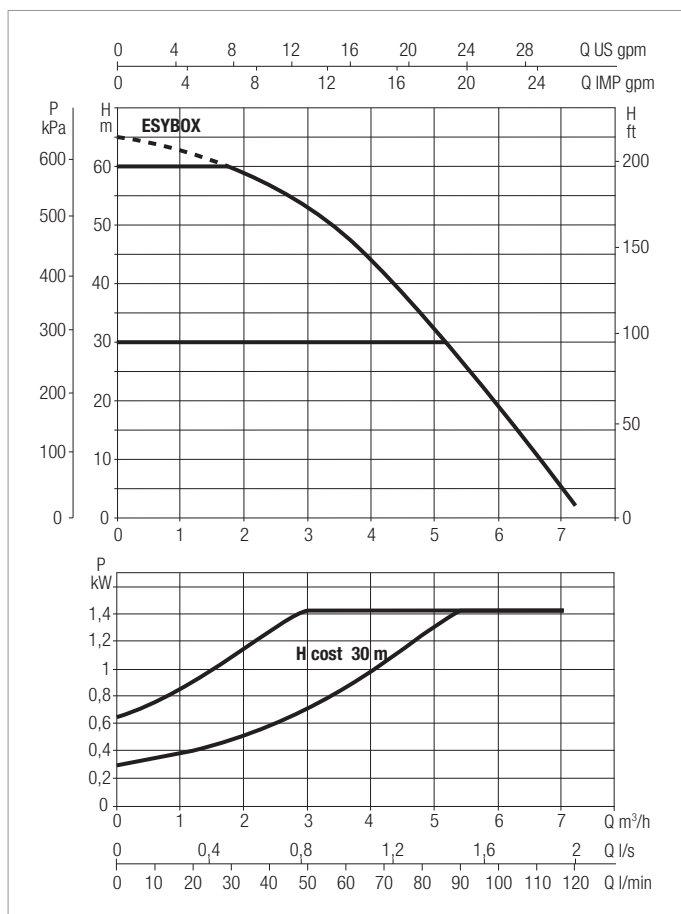
ELECTRONICS FEATURES

Swivel display. Inverter for energy savings. Built-in safety features: protection against dry running, overload current, abnormal voltage, overheating and freezing, in addition to anti-seize and anti-cycling functions. Built to Italian standards CEI 2-3 and CEI 61-69 (EN 60335-2-41). Wizard for initial start-up, easy setup, and access to alarm log. Wireless connection.

ESYBOX - ELECTRONIC PRESSURE BOOSTING SYSTEM

Pumped liquid temperature range: 5 °C to +40°C

Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and a density of 1000 kg/m³. Curve tolerance to ISO 9906.

MODEL	Q=m³/h	0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,6	7,2
	Q=l/min	0	10	20	30	40	50	60	70	80	90	100	110	120
ESYBOX	H (m)	65	63,5	61,5	59,5	57	53	48	41,5	35	27,5	19	10	2

MODEL	ELECTRICAL DATA				
	NO. OF IMPELLERS	POWER SUPPLY 50/60 Hz	P1 MAX		In A
			kW	HP	
ESYBOX	5	1 x 220 - 240 V ~	1,4	1,9	10

MODEL	A	B	C	D	E	F	G	I Ø	H	L	M	DN (S)	DN (D)	PACKAGING DIMENSIONS			WEIGHT kg
														L/A	L/B	H	
ESYBOX	564	263	65	131,5	106	57	126,2	9	362	70	165,2	1"	1"	685	360	490	27

2 ESYBOX UNITS WITH ESYTWIN

ELECTRONIC PRESSURE BOOSTER SETS



TECHNICAL DATA

Flow rate: up to 14,4 m³/h

Head: 65 m

Type of liquid pumped: clean, free of solids and abrasive substances, non-viscous, non-aggressive, non-crystallized, and chemically neutral

Maximum liquid temperature: +40°C

Maximum ambient temperature: +50°C

Maximum suction depth: self-priming down to 8 metres

Maximum working pressure: 8 bar (800 kPa)

Pump protection rating: IP X4

Motor insulation class: F

Pressure booster set for use in domestic and residential, institutional and commercial settings, designed for pressure boosting, groundwater extraction, gardening and irrigation purposes. Remote control option provided via H2D app.

PUMP DESIGN FEATURES

Comes with 1 1/4" suction and discharge. Suction and discharge can be on either side to make connecting pipes as easy as possible. The pump is a self-priming multistage model with built-in 2-litre pressure vessel. ABS sound-absorbing protective enclosure combined with other features to bring noise level down to 43 dB. Technopolymer impellers. Self-priming down to 8 metres.

MOTOR DESIGN FEATURES

Motor cooled by the liquid being pumped, AISI 303 stainless steel motor shaft.

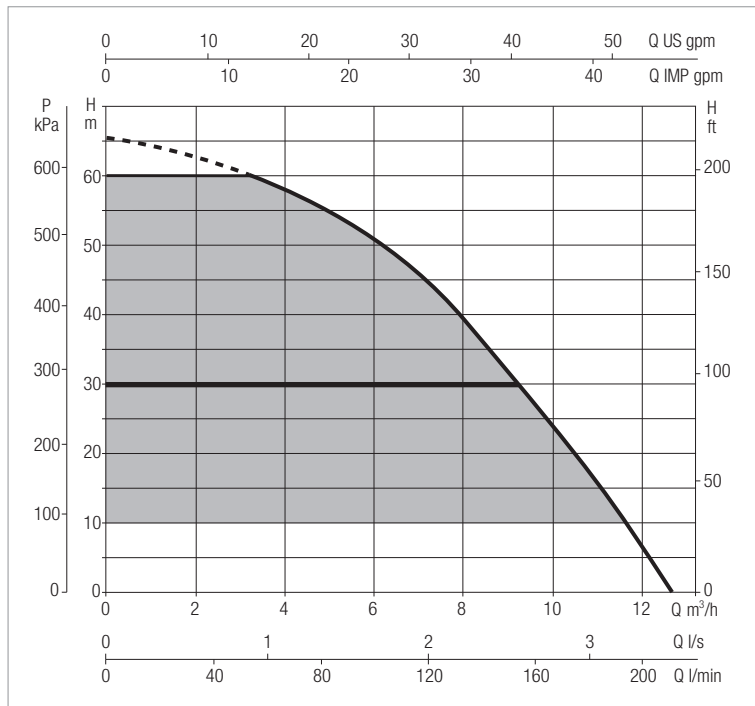
ELECTRONICS FEATURES

Display can be swivelled to suit mounting position. The inverter feature results in energy efficiency and protection against water hammer. Wizard for initial start-up and access to alarm log. Set is easy to set up and also features wireless connection.

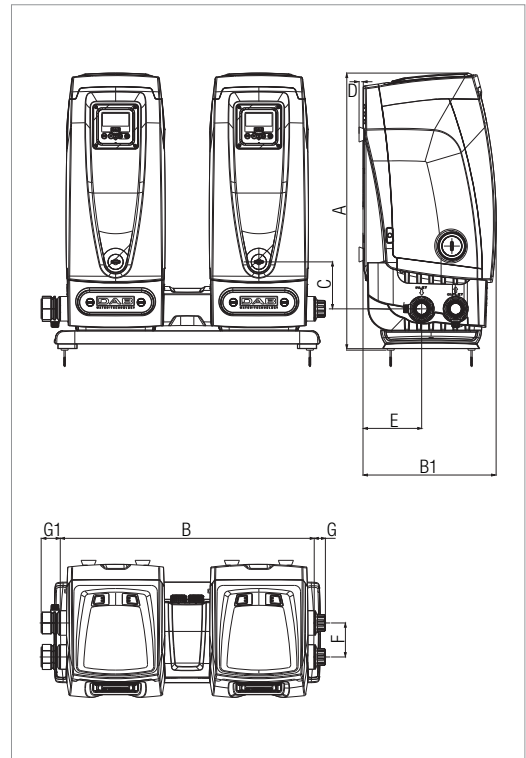
2 ESYBOX UNITS WITH ESYTWIN - ELECTRONIC PRESSURE BOOSTER SETS

Pumped liquid temperature range: 5° C to +40 °C - Maximum ambient temperature: +50 °C

Max. flow rate: 14,4 m³/h



The performance curves are based on kinematic viscosity values = 1 mm²/s and a density of 1000 kg/m³. Curve tolerance to ISO 9906.



MODEL	Q=m³/h	0	1,2	2,4	3,6	4,8	6,0	7,2	8,4	9,6	10,8	12
	Q=l/min	0	20	40	60	80	100	120	140	160	180	200
2 ESYBOX UNITS WITH ESYTWIN	H (m)	65	64	62	59	55	51	44	36	27	17	6

MODEL	Q=m³/h	0	2,4	4,8	7,2	9,6	12	14,4	16,8	19,2	21,6	24
	Q=l/min	0	40	80	120	160	200	240	280	320	360	400
2 X 2 ESYBOX UNITS WITH ESYTWIN	H (m)	65	64	62	59	55	51	44	36	27	17	6

MODEL	ELECTRICAL DATA			
	POWER SUPPLY 50/60 Hz	P1 MAX		In A
		kW	HP	
2 ESYBOX UNITS WITH ESYTWIN	1x220-240 V ~	2 x 1,4	2 x 1,9	2 x 10,0

MODEL	A	B	B1	C	D	E	F	G	G1	DN (S) BSP	DN (D) BSP	PACKAGING DIMENSIONS			VOLUME m³	WEIGHT kg
												L/A	L/B	H		
2 ESYBOX UNITS WITH ESYTWIN	729	672	351	124	11	155	90	30	50,5	1" 1/4	1" 1/4	720	1200	620	0,53	66

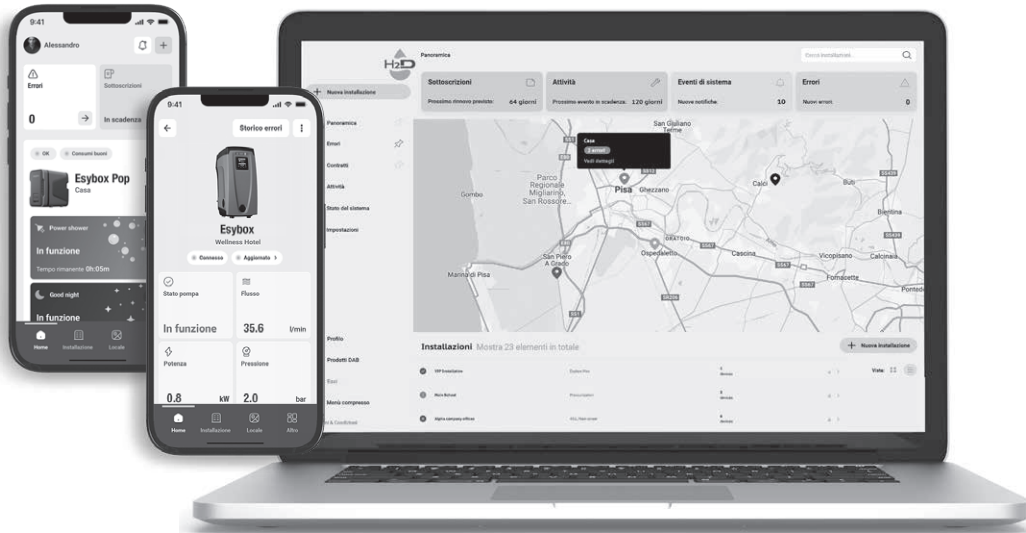
H₂D DIGITAL SERVICE

THE SMART PLATFORM FOR MANAGING DAB DEVICES REMOTELY

H₂D IS THE DAB PLATFORM — COMING IN A MOBILE AND DESKTOP VERSION — THAT PAIRS WITH LATEST GENERATION DAB DEVICES TO SHOW YOU WHAT'S GOING ON INSIDE SYSTEMS.

It allows you to configure your pump and optimize its operation remotely, saving time, resources and money.

Ideal for anyone seeking to future-proof their business with solutions designed to improve processes, offer more service, and be environmentally responsible.



H₂D FOR PROFESSIONALS

H₂D simplifies and streamlines work routines, allowing for precise configuration of all parameters.

SEE THE FUTURE OF YOUR BUSINESS THROUGH A NEW LENS

Desktop and mobile solutions work together seamlessly. With user-friendly access on your smartphone, it's never been easier to communicate with pumps on site or keep an eye on your systems from anywhere. From your desktop, you can dive deeper into data analysis. You can easily enhance workflow, improve customer service, and grow your business.



OPTIMIZE TIME ON THE JOB

H₂D allows systems to be controlled remotely and, where needed, work on site is easier to plan.



PROBLEM FIXED FIRST TIME, EVERY TIME

H₂D provides all the info you need to prepare for the job on site where required.



LITTLE OR NO DISRUPTION

Remote monitoring allows you to address potential issues and prevent disruptions.



MORE SERVICE AND LESS URGENT CALLOUTS = INCREASED PROFIT

With remote monitoring, we offer a 24/7 service that includes preventive maintenance services, helping to avoid emergencies.



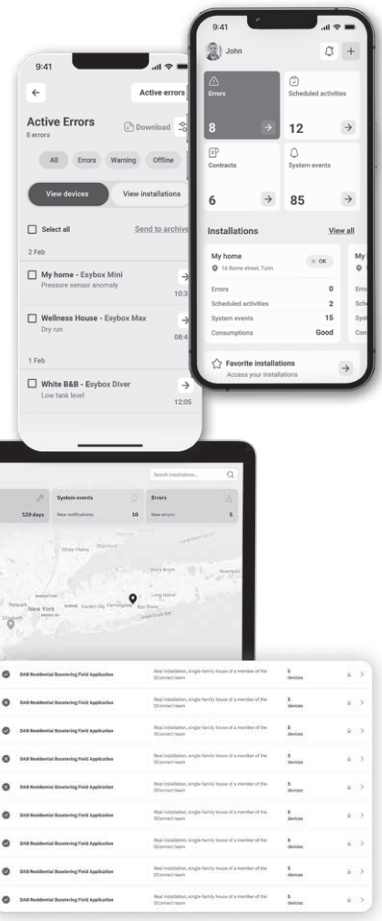
SATISFIED CUSTOMERS

With parameters optimized remotely, the system ensures consistently smooth operation.



FROM DCONNECT TO H₂D

H₂D replaces and improves on DConnect. Latest generation DAB products connect effortlessly to H₂D.



H₂D DIGITAL SERVICE

THE SMART PLATFORM FOR MANAGING DAB DEVICES REMOTELY



H₂D FOR HOMEOWNERS AND END USERS

H₂D is a tool designed to help you manage water use effectively, optimizing consumption, costs, and comfort.



OVERVIEW

H₂D makes it super easy to get a real-time overview of your usage and device operating status. If any issues arise, you can contact support immediately, regardless of your location.

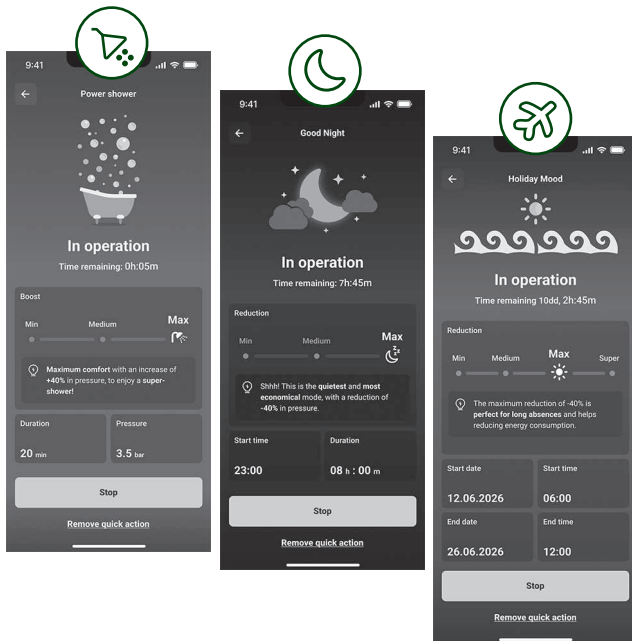


SMART HOME. TALK WITH ESYBOX!

You can activate comfort modes by speaking to voice assistants like Alexa and Google Home. For example, you can say, “Alexa, activate Power Shower.”

COMFORT FUNCTIONS

You can access these functions through an app, allowing you to customize the system’s performance and features to balance comfort and energy consumption.



POWER SHOWER

Turn a regular shower into a “power shower”: this feature increases water pressure just for the time it takes to shower, while reducing usage for the rest of the day.



GOOD NIGHT

During the night — or when taking a quick nap — you can turn on sleep mode: this switches the already quiet pump to whisper-quiet operation. And it also helps reduce consumption.



HOLIDAY MOOD (For Esybox Pop only)

This important feature helps minimize device activity, thereby saving energy during vacations or extended periods when you are away.

INSTALL H₂D NOW



FIND OUT MORE
H2D.COM/EN



YOUR GUIDE TO
USING H₂D



	DESCRIPTION
	<p>3-PIECE UNION</p> <p>Kit comprising 2 x 3-piece unions for easy connection to the system.</p>
	<p>ESYWALL</p> <p>Kit complete with brackets, screws and anchors, and two accessories for vibration damping.</p>
 <p>18 x 29 x 32 cm</p>	<p>ESYDOCK</p> <p>With a choice of 4 plumbing setups, installation is even faster, easier and more flexible. It comes with all the interfaces required to connect it to the system. It incorporates vibration-damping feet to deliver the same low noise levels as EsyBox.</p>
 <p>23 x 75 x 35 cm</p>	<p>ESYTWIN</p> <p>This is the next-level iteration of EsyDock, maintaining all the same benefits: the perfect solution for creating twin-pump sets. With the option of combined operation, you get excellent performance from a system that's 50% smaller than any equivalent traditional system.</p>
	<p>ESYTWIN DOUBLE FITTINGS KIT</p> <p>Set of 2" Tee fittings for suction and discharge manifolds for connecting 2 EsyTwin stations and creating booster sets incorporating up to 4 EsyBox units.</p> <p>Suction and discharge manifold, comprising:</p> <ul style="list-style-type: none"> 2 x 1 1/4" nipples 2 x reducers from 1 1/4" female to 2" male 3 x 2" 3-piece fittings 1 x 2" female Tee fitting




1 1/4" DISCHARGE AND SUCTION FITTINGS

68 x 29 x 35 cm



KIT OVERALL DIMENSIONS
73 x 75 x 35 cm

OUTDOOR KIT	MODEL
	<h3>ESYCOVER + ESYGRID</h3> <p>ESYBOX OUTDOOR KIT</p> <p>Comprises ESYCover + ESYGrid, designed for outdoor ESYBox installation, protecting it from rain and the entry of foreign matter.</p> <p>For vertical installation only.</p>



ESYGRID

INTAKE SCREENS


Suitable for vertical and horizontal mounting positions.

ESYCOVER

OUTDOOR INSTALLATION



	MODEL
 <p>*EsyBox not included with EsyTank</p> <p>166 x 87 x 60 cm</p>	<h3>ESYTANK</h3> <p>Tank specifically designed to work seamlessly with EsyBox and featuring EsyDock (specific version) for quick connection.</p> <ul style="list-style-type: none"> • EsyDock (specific version) for quick connection • Suction pipe with foot valve • Valve for filling from mains with float • Overflow • Discharge fitting • Comes ready for floor mounting • Inspection cap <p>500l capacity, which can be expanded with additional tanks on 3 sides.</p>
	<h3>AUXILIARY TANK FOR ESYTANK</h3> <p>The EsyTank auxiliary tank comes without fittings and the EsyBox quick-connect system.</p> <p>The tank is easy to pair with other EsyTank units, meaning the system can be expanded to the required capacity. It can be connected on three sides (on both sides and to the rear) using the ESYTANK COUPLING KIT.</p>
 <p>FOR ESYTANK</p>	<h3>ESYTANK COUPLING KIT</h3> <p>The EsyTank connection kit comprises a PVC coupling with seal (D.160 mm L=150), two PVC alignment pipes (D.50mm x L=60), and connection ring for the option of 2 pumps. It can be used to connect a series of EsyTanks or to connect EsyTank and EsyTank auxiliary tanks.</p>
 <p>FOR ESYTANK</p>	<h3>ESYTANK AUXILIARY DISCHARGE KIT</h3> <p>Comprises a 1" PP discharge pipe. Allows for an auxiliary discharge line for single-tank systems or, in conjunction with the COUPLING KIT, can be used to connect a number of EsyTank and EsyBox systems and produce multi-pump multi-tank pressure booster sets.</p>
 <p>*EsyBox not included with EsyTank</p> <p>115 x 81 x 57 cm</p>	<h3>ESYTANK 300</h3> <p>Tank specifically designed to work seamlessly with EsyBox.</p> <ul style="list-style-type: none"> • EsyDock (specific version) for quick connection • Suction pipe with foot valve • Valve for filling from mains with float • Overflow • Discharge fitting • Comes ready for floor mounting • Inspection cap. <p>300l capacity.</p>

	MODEL
	<h3>ESY I/O - V2</h3> <p>Electronic expansion module for connecting to the outside world in analogue or digital mode or with Modbus protocol.</p>

DAB
PUMPS SELECTOR

On-line selection tool



DAB PUMPS LTD.
Unit 6 Gilberd Court
Newcomen Way, Severalls Park
CO4 9WN
Colchester
ordersuk@dwtgroup.com
Tel. +44 0333 777 5010



DAB PUMPS IBERICA S.L.
Calle Verano 18-20-22
28850 - Torrejón de Ardoz - Madrid
Spain
Info.spain@dwtgroup.com
Tel. +34 91 6569545



DAB PUMPS DE MÉXICO, S.A. DE C.V.
Av Amsterdam 101 Local 4
Col. Hipódromo Condesa,
Del. Cuauhtémoc CP 06170
Ciudad de México
Tel. +52 55 553 2621



DAB PUMPS BV
'tHofveld 6 C1
1702 Groot Bijgaarden - Belgium
info.belgium@dwtgroup.com
Tel. +32 2 4668353



DAB PUMPS HUNGARY KFT.
H-8800
Nagykanizsa, Buda Ernő u.5
Hungary
Tel. +36 93501700



DAB PUMPS SOUTH AFRICA (PTY) LTD
Twenty One industrial Estate,
16 Purlin Street, Unit B, Warehouse 4
Olifantsfontein -1667 - South Africa
info.sa@dwtgroup.com
Tel. +27 12 361 3997



DAB PUMPS B.V.
Statenlaan, 4
5223 LA, 's-Hertogenbosch
Nederland
info.nl@dabpumps.com
Tel. +31 416 387280



DAB PUMPS POLAND Sp. z o.o.
Ul. Janka Muzykanta 60
02188 Warszawa - Poland
sprzedaz@dabpumps.com.pl



DAB PUMPS (QINGDAO) CO. LTD.
No.10 Xindong Road
Jiulong Town,
Jiaozhou City
266319 Qingdao (Shandong) - China
sales.cn@dwtgroup.com
Tel. +86 400 186 8280



DAB PUMPS FRANCE SAS
Tour Ariane, Paris la Défense 9
5, Place de la Pyramide
92800 Puteaux - France
info.fr@dabpumps.com
Tel. +33 (0)6 79 63 05 46
+33 (0)7 89 01 53 35



DAB PUMPS INC.
3226 Benchmark Drive
Ladson, SC 29456 - USA
info.usa@dwtgroup.com
Tel. 1- 843-797-5002
Fax 1-843-797-3366



DAB PUMPS OCEANIA PTY LTD
426 South Gippsland Highway,
Dandenong South VIC 3175 - Australia
info.oceania@dwtgroup.com
Tel. +61 1300 378 677



DAB PUMPS GMBH
Am Nordpark 3
D - 41069 Mönchengladbach - Germany
info.germany@dwtgroup.com
Tel. +49 2161 47388-0
Fax +49 2161 47388-36



DAB PUMPS CANADA INC.
333 Bay Street, Suite 4600, Toronto,
Ontario, M5H 2S5, - Canada
orders@dwtgroup.ca
Tel. 1-833-322-7867



PT DAB PUMPS INDONESIA
Satrio Tower lantai 26
unit C-D, Jl. Prof. Dr. Satrio Kav. C4,
Kel. Kuningan Timur, Kec. Setiabudi, Kota Adm.
Jakarta Selatan, Prov. DKI Jakarta. - Indonesia
Tel. +62 2129222850