DAB
MAKING WATER EASY

esybox pop 60Hz

ELECTRONIC PRESSURE BOOSTING SYSTEM

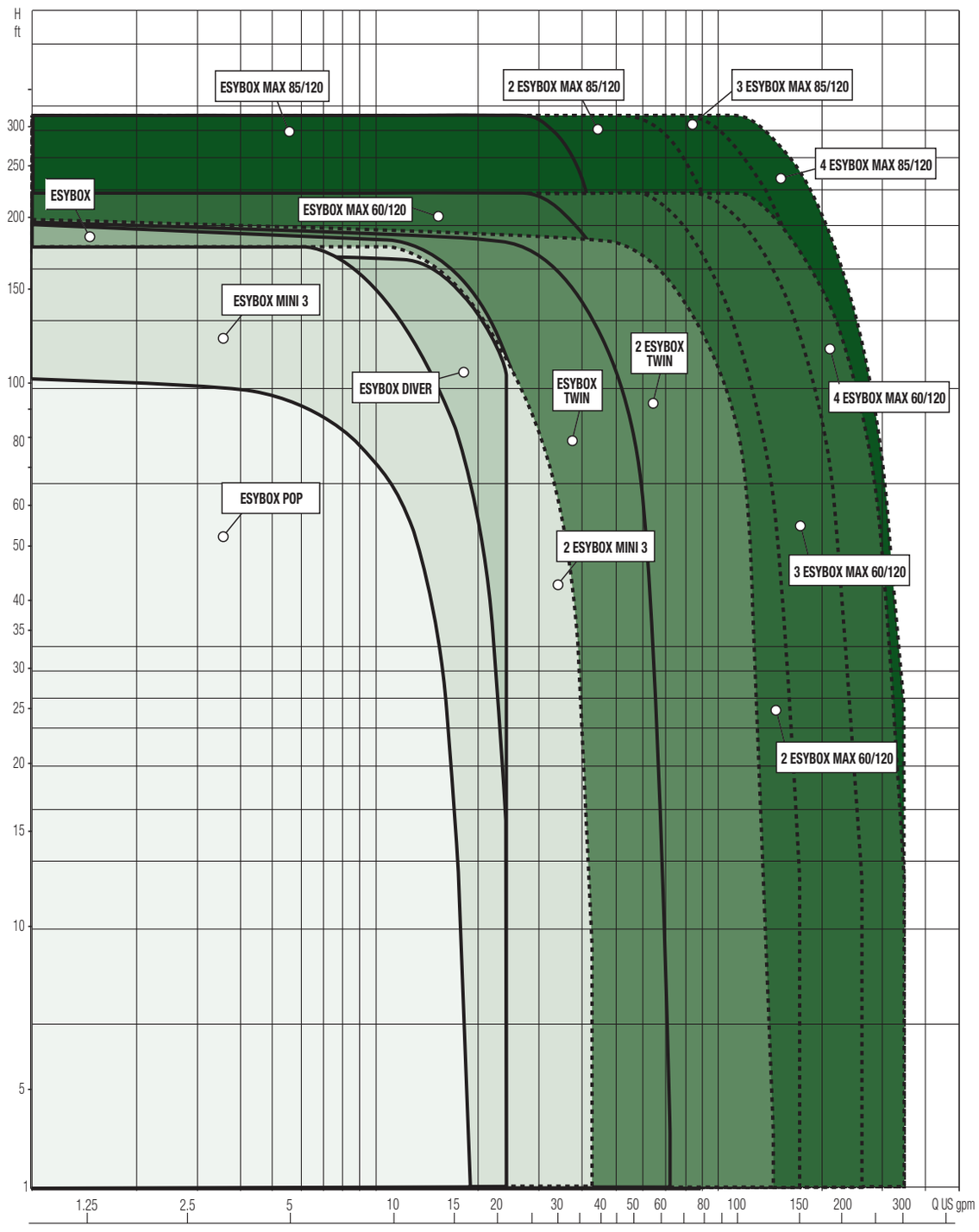
US VERSION



PERFORMANCE RANGE

The performance curves are based on kinematic viscosity values = 1 mm^2/s and a density of 1000 kg/m^3. Curve tolerance to ISO 9906.

SELECTION GUIDE GRAPH



ESYBOX POP

ELECTRONIC PRESSURE BOOSTING SYSTEM

INTEGRATED
CONNECTIVITY

FOR PROFESSIONALS
AND END USERS



TECHNICAL DATA

Flow rate: up to 17.2 gpm
Head: 105 ft
Type of pumped liquid: clean, free of solids and abrasive substances, non-viscous, non-aggressive, non-crystallised, and chemically neutral
Liquid temperature range: 41°F to +122 °F
Maximum ambient temperature: +122 °F
Maximum working pressure: 87 psi
Motor protection rating: IPX5
Motor insulation class: F
Impeller material: technopolymer
Single-phase power supply: 1x110-127V ~
Power cord length and plug type: 4.92 ft
Installation options: can be installed vertically or wall-mounted using a dedicated accessory
Certifications: WRAS, ACS, NSF, CSA

FOR FLOODED SUCTION ONLY – NOT SELFPRIMING

This electronic pressure boosting system is designed for small residential environments.
It features sound-absorbing materials and a water-cooled permanent magnet motor, ensuring quiet operation, which makes it particularly suitable for home use.
The professional performance of this device is ensured by its advanced components, which include: an anti-cycling feature, which detects leaks by monitoring the frequency of starts and stops; an automatic shut-off mechanism that activates in the event of dry running; an anti-freeze system - to prevent ice formation in the hydraulic components, the pump activates when temperatures drop below 41°F; a motor-protection technology to prevent issues from prolonged inactivity.
The adjustable connections facilitate quicker, easier, and more flexible installation.
Integrated connectivity enables users to configure settings via a smartphone and access cloud services without the need for additional accessories. Additionally, the remote control uses H_2D technology to view and manage comfort features and parameters.

PUMP DESIGN FEATURES

Sound-absorbing ABS protective casings. Technopolymer impellers. Non-return valve with integrated temperature, flow, and pressure sensors.

MOTOR DESIGN FEATURES

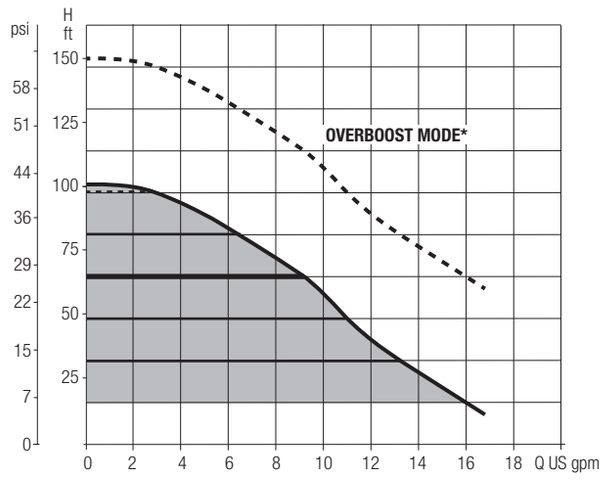
Permanent magnet motor cooled by the pumped liquid, encased in a stainless steel jacket for enhanced durability.

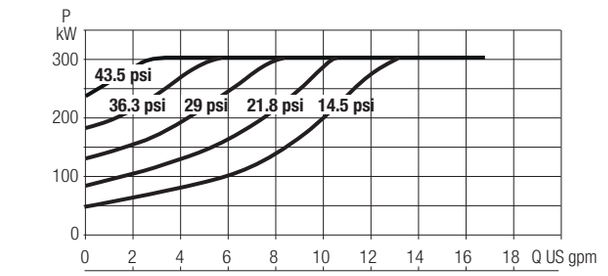
ELECTRONICS FEATURES

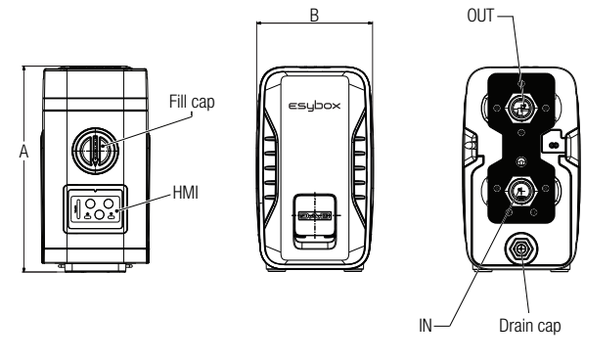
The inverter-controlled permanent magnet motor ensures significant energy savings. Its inverter feature not only enhances energy efficiency but also provides protection against water hammer. Integrated protections: dry running, excessive current, abnormal voltage, overheating, freezing, stalling, and anti-cycling. The device includes a guided procedure for online connection, enabling easy configuration and remote or local adjustment of all parameters through an app. Users can simplify the setpoint adjustment directly from the pump and view the current status, alarm history, and consumption data via the APP.

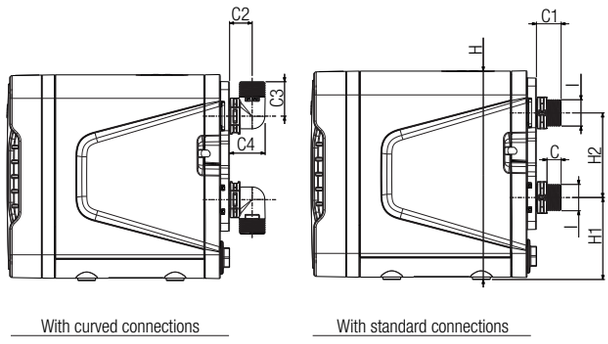
ESYBOX POP - ELECTRONIC PRESSURE BOOSTING SYSTEM

Pumped liquid temperature range: from 41°F to +122 °F
Maximum operating pressure: +122 °F









The performance curves are based on kinematic viscosity values = 1 mm^2/s and density equal to 1000 kg/m^3. Curve tolerance according to ISO 9906.

Two pairs of fittings will be supplied, both elbow and standard.

* The pressure entering from the water main is used to increase the maximum achievable outlet pressure. The example reports an inlet pressure of 21.5 psi. Before proceeding with the installation, it is essential to verify the regulations set by the local water supply authority.

MODEL	Q=USgpm	0	2.6	5.3	7.9	10.6	13.2	16.6
ESYBOX POP	H (ft)	105	102	88	71	52	33	9
	psi	45.5	44.2	38.2	30.8	22.5	14.3	4

MODEL	ELECTRICAL DATA				
	N° IMPELLERS	POWER INPUT 60 Hz	P1 MAX		In A
			kW	HP	
ESYBOX POP	2	1x110-127V ~	0.3	0.4	5

MODEL	Units	A	B	C	C1	C2	C3	C4	H	H1	H2	I Ø	DNA NPT	DNM NPT	PACKING DIMENSIONS			WEIGHT	Q.TY x PALLET
															L/A	L/B	H		
ESYBOX POP	inches	8.9	4.7	0.6	1	0.9	1.4	1.4	8.2	3.2	3.3	3/4"	3/4"	3/4"	9.8	7.9	9.8	9.7 lbs	76

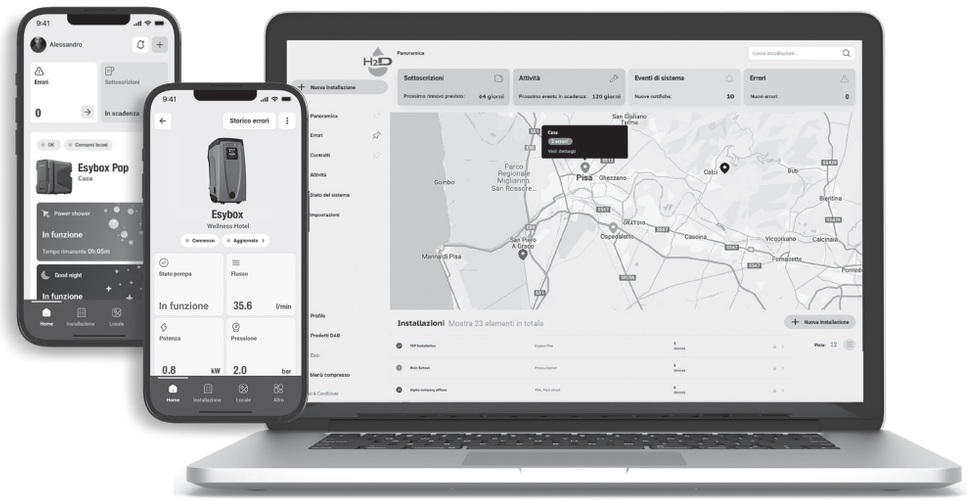
H_2D DIGITAL SERVICE

THE SMART PLATFORM FOR MANAGING DAB DEVICES REMOTELY

H_2D 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.

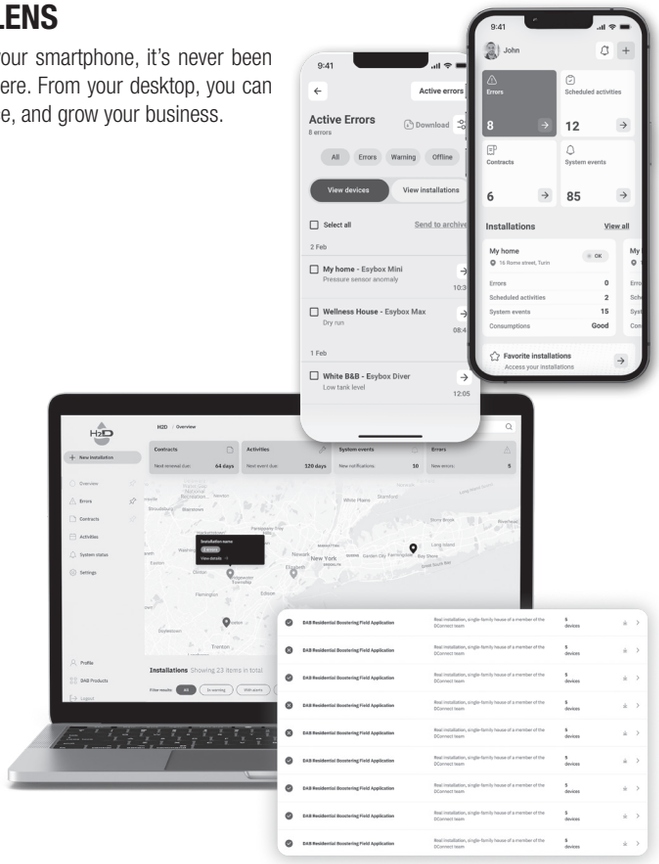


H_2D FOR PROFESSIONALS

H_2D 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

H_2D allows systems to be controlled remotely and, where needed, work on site is easier to plan.

PROBLEM FIXED FIRST TIME, EVERY TIME

H_2D 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 H_2D

H_2D replaces and improves on DConnect. Latest generation DAB products connect effortlessly to H_2D.

H_2D DIGITAL SERVICE

THE SMART PLATFORM FOR MANAGING DAB DEVICES REMOTELY

H_2D FOR HOMEOWNERS AND END USERS

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

OVERVIEW

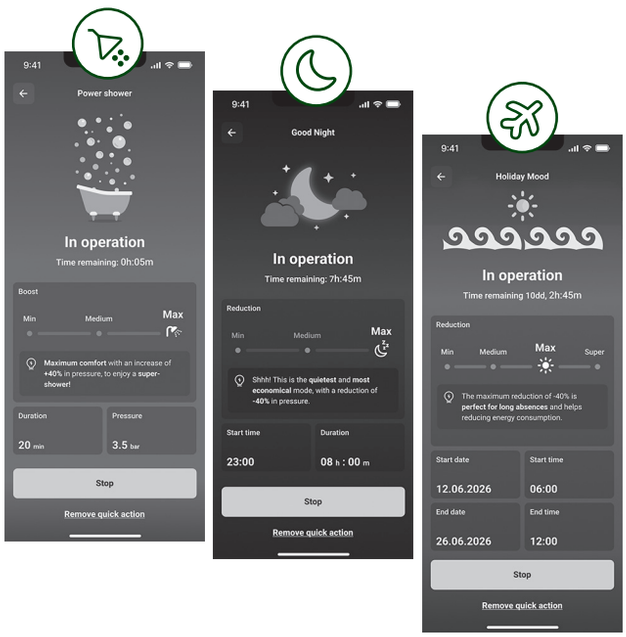
H_2D makes it super easy to get a real-time overview of your usage and device operating status. If any issues arise, you can contact support immediately, regardless of your location.

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 H_2D NOW!

GET IT ON Google Play

Download on the App Store

LEARN MORE
H2D.COM/EN

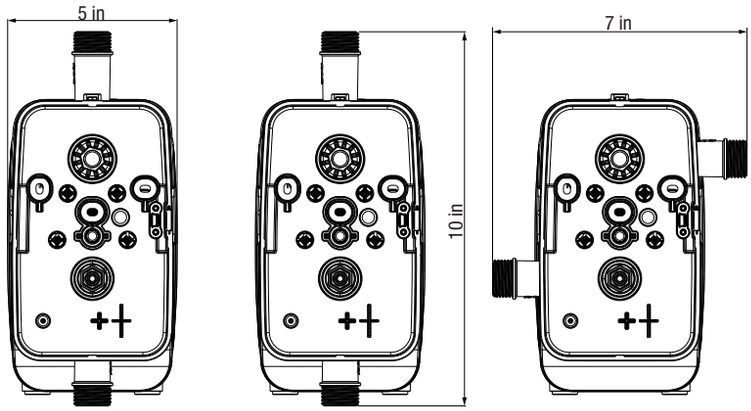
HOW TO USE H_2D

DAB PUMPS reserves the right to make modifications without notice

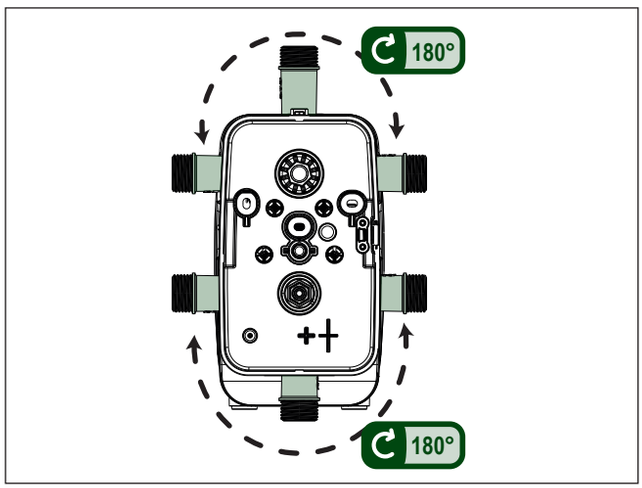
DAB MAKING WATER EASY

	DESCRIPTION
	**esydock pop** Thanks to its adjustable connections, the dock fits any plumbing configuration, allowing for faster, easier, and more flexible installation. It comes with all the interfaces required for connection to the system. It also includes a wall mounting kit and a bypass connection.





OPTION FOR INSTALLATION WITH ESYDOCK POP



	DESCRIPTION
	ESYWALL POP Wall-mounting kit including bracket, screws, and plugs.

NOTE

DAB
MAKING WATER EASY

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