DAB

MAKING WATER EASY

esybox 60Hz

ELECTRONIC PRESSURIZATION SYSTEM

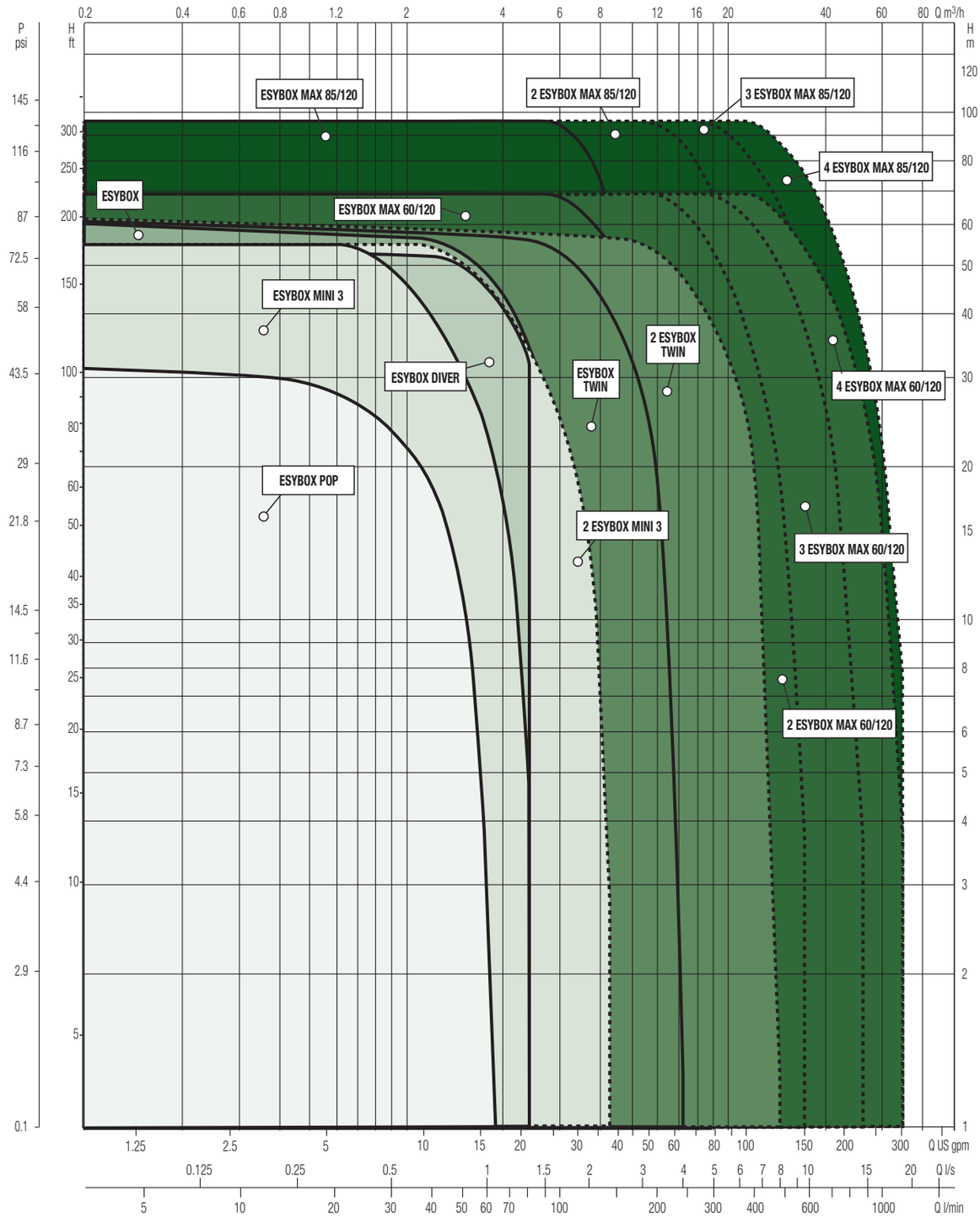
US VERSION



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

ELECTRONIC PRESSURIZATION SYSTEM

REMOTE MONITORING
Via web portal
and H2D App

FOR PROFESSIONALS
AND END USERS

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



TECHNICAL DATA

Operating range: Capacity up to 32 gpm; head up to 213 ft (86 psi)
Liquid quality requirements: Clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral
Liquid temperature range: from 32°F to +95°F for domestic use
for other use: from 32°F to +104°F
Maximum suction depth: 26 ft
Maximum ambient temperature: +122°F
Maximum pressure: 115 psi
Maximum setable pressure: 85 psi
Motor protection rating: IPX4
Insulation class: F
Installation: Horizontal or vertical fixed position
Approvals: CSA certification to
CSA Standard C22.2 No 108- 14- Liquid Pumps.
UL Standard 778- 5th Edition- Motor operated water pumps
NSF/ANSI 61 - 2014a - Drinking Water System Components – Health Effects
NSF/ANSI 372 - 2011 - Drinking Water System Components – Lead Content

Special versions on request: alternative types of electrical plug

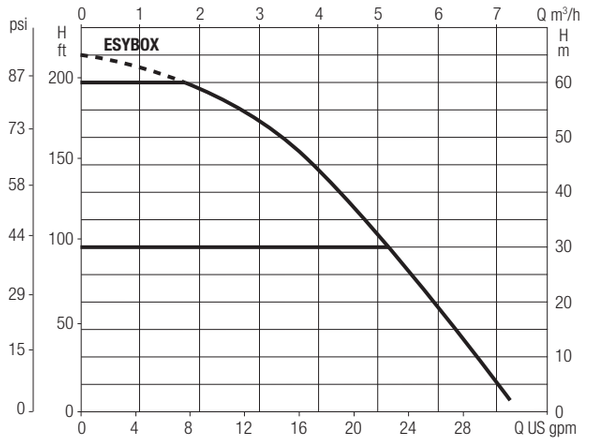
Multistage self-priming electronic system for pressure boosting, groundwater extraction from shallow wells, gardening and irrigation for small gardens and vegetable patches in domestic, residential, institutional and commercial settings, and for farming applications. Compact and self-contained. Up to 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 H_2D 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 0.45 gal pressure vessel. (Requires a small external pressure tank).

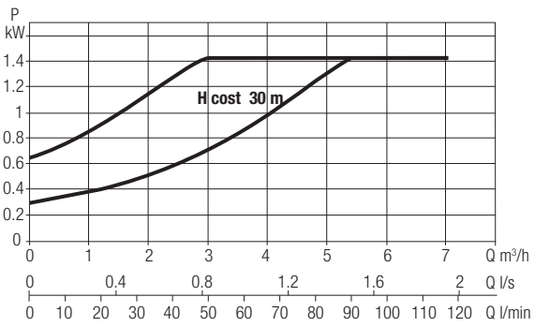
CONSTRUCTIONAL FEATURES

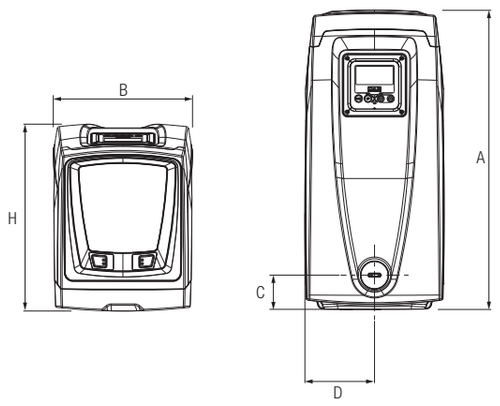
ESYBOX comprises a self-priming, multi-stage pump with electronic inverter management, pressure and flow sensors, adjustable, high resolution LCD display and an integrated 1/4 gal expansion vessel, and cartridge check valve.
May be installed either vertically or horizontally, in closed spaces without high level of air exchange. The accessories (EsyWall, EsyDock, EsyTwin) permit several installation possibilities.
The water-cooled motor, the protective and sound damping ABS hull, the anti-vibration feet and its electronics make this compact product very quiet (45dB under normal use).
The wireless system enables the creation of other pressurisation groups able to connect with other DAB devices of the same model. Esybox is scalable up to 4 pumps.
The constant pressure can be set from 15 to 85 psi.
Fitted with all the safety protections, as well as the protections for the safeguard of the pump. Particularly, the dry run, and the antifreeze protections.
All the parameters and the operating status can be displayed and set on the high resolution LCD display.

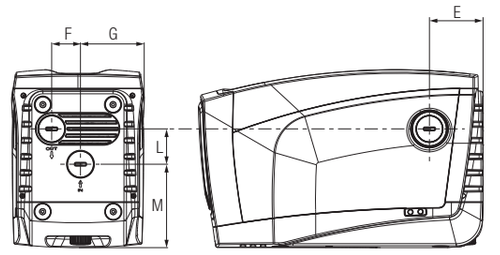
ESYBOX - ELECTRONIC PRESSURIZATION SYSTEM

Pumped liquid temperature range: +41°F to +104°F
Maximum ambient temperature: +122°F









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.

MODEL	Q=GPM	0	2.6	5.3	7.9	10.6	13.2	15.8	18.5	21.1	23.8	26.4	29	31.7
ESYBOX - NPT US PLUG	H (ft)	213	208	202	195	187	174	157	136	115	90	62	33	7

MODEL	ELECTRICAL DATA				
	NO. OF IMPELLERS	POWER SUPPLY 60 Hz	P1 MAX		In A
			kW	HP	
ESYBOX - NPT US PLUG	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
														L/A	L/B	H	
ESYBOX - NPT US PLUG	22.2	10.4	2.6	5.2	4.2	2.2	5	0.4	14.3	2.8	6.5	1"	1"	27	14.2	19.3	59.5 lbs

2 ESYBOX UNITS WITH ESYTWIN

ELECTRONIC PRESSURE BOOSTER SETS

REMOTE MONITORING
Via web portal
and H2D App

FOR PROFESSIONALS
AND END USERS



TECHNICAL DATA

Flow rate: up to 63.4 GPM
Head: 213 ft
Type of liquid pumped: clean, free of solids and abrasive substances. non-viscous, non-aggressive, non-crystallized, and chemically neutral
Maximum liquid temperature: +104°F
Maximum ambient temperature: +122°F
Maximum suction depth: self-priming down to 26 ft
Maximum working pressure: 116 psi
Pump protection rating: IP X4
Motor insulation class: F
Installation: Just vertical when installed on the EsyTwin

For more technical data please refer to pag. 4

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. Scalable up to 4 units total (if with Esytwin, two docks are needed)

PUMP DESIGN FEATURES

Comes with 1 ¼" 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 0.45 gal 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 26 ft.

MOTOR DESIGN FEATURES

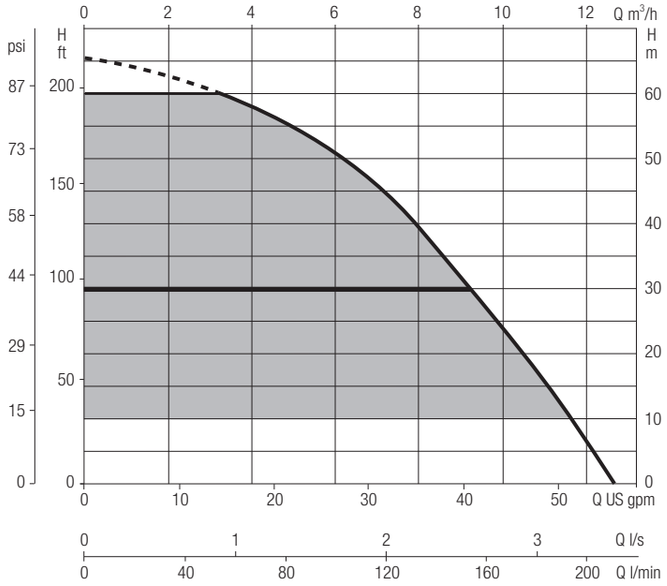
Motor cooled by the liquid being pumped, AISI 303 stainless steel motor shaft.

ELECTRONICS FEATURES

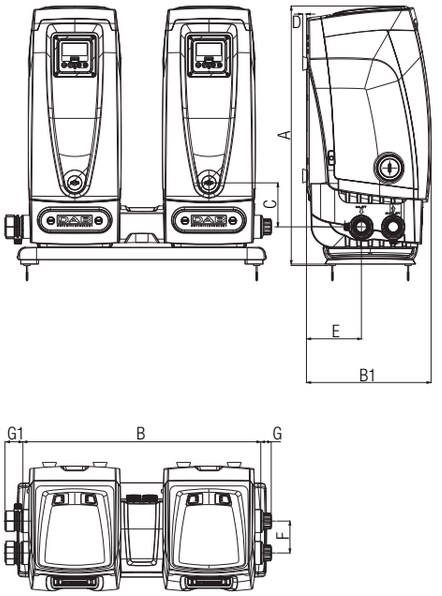
Display can be swivelled to suit mounting position. The inverter feature results in energy efficiency and protection against water hammer. Wizard for initial start-up and access to alarm log. Set is easy to set up and also features wireless connection.

2 ESYBOX UNITS WITH ESYTWIN - ELECTRONIC PRESSURE BOOSTER SETS

Pumped liquid temperature range: +41°F to +104°F - Maximum ambient temperature: +122°F
Max. flow rate: 63.4 GPM



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.



MODEL	Q=GPM	0	2.6	10.6	15.8	21.1	26.4	31.7	37	42.3	47.6	52.8
2 ESYBOX UNITS WITH ESYTWIN	H (ft)	213	210	203	194	180	167	144	118	89	56	20

MODEL	Q=GPM	0	10.6	21.1	31.7	42.3	52.8	63.4	74	84.5	95.1	105.7
2 X 2 ESYBOX UNITS WITH ESYTWIN	H (ft)	213	210	203	194	180	167	144	118	89	56	20

MODEL	ELECTRICAL DATA			
	POWER SUPPLY 60 Hz	P1 MAX		In A
		kW	HP	
2 ESYBOX UNITS WITH ESYTWIN	1x220-240 V ~	1.4	1.9	10.0

MODEL	A	B	B1	C	D	E	F	G	G1	DN (S) NPT	DN (D) NPT	PACKAGING DIMENSIONS			VOLUME	WEIGHT
												L/A	L/B	H		
2 ESYBOX UNITS WITH ESYTWIN	28.7	26.5	13.8	4.9	0.4	6.1	3.5	1.3	2	1" 1/4	1" 1/4	28.3	47.2	24.4	18.72 ft^3	145.5 lbs

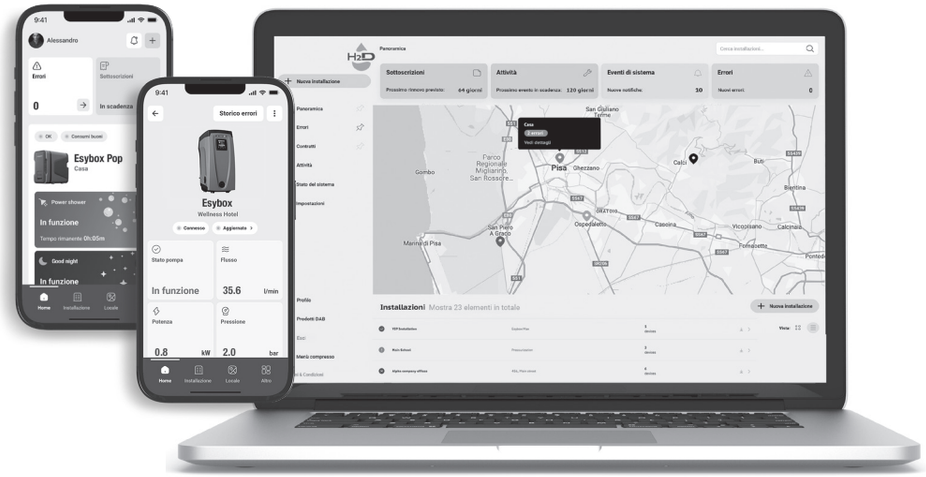
H_2D DIGITAL SERVICE

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

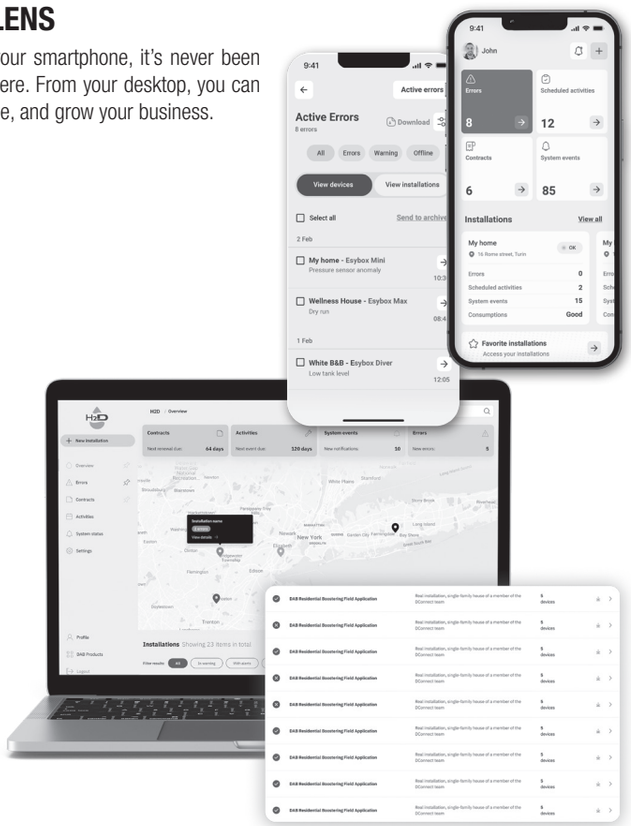
With remote monitoring, we offer a 24/7 service that includes preventive maintenance services, helping to avoid emergencies.

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

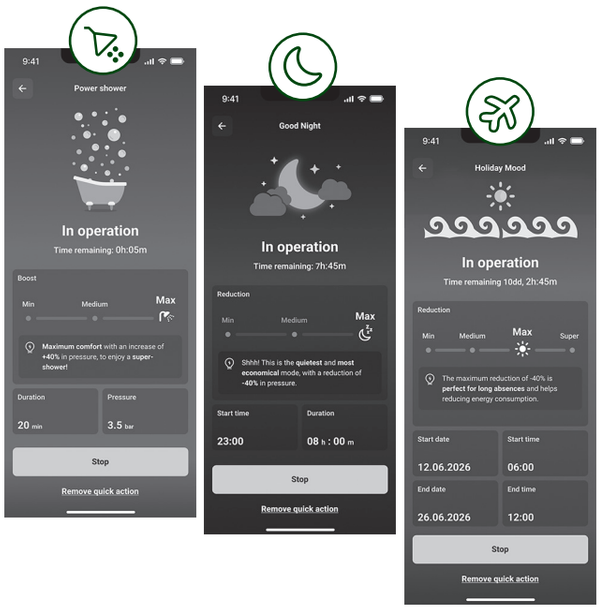
H_2D makes it super easy to get a real-time overview of your usage and device operating status. If any issues arise, you can contact support immediately, regardless of your location.

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

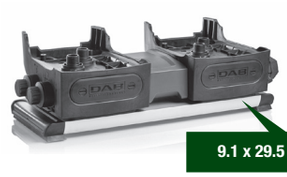
LEARN MORE H2D.COM/EN

HOW TO USE H_2D

DAB PUMPS reserves the right to make modifications without notice

ACCESSORIES

ESYBOX

	DESCRIPTION
 C US Drinking Water NSF/ANSI 61 **9.1 x 29.5 x 13.8 (in)**	**ESYTWIN** 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.



1 ¼" DISCHARGE AND SUCTION FITTINGS

26.8 x 11.4 x 13.8 in





KIT OVERALL DIMENSIONS
28.7 x 29.5 x 13.8 in

OUTDOOR KIT	MODEL
	**ESYCOVER and ESYGRID** **ESYBOX OUTDOOR KIT** EsyCover and EsyGrid designed for outdoor EsyBox installation, protecting it from rain and the entry of foreign matter. **EsyCover can only be used when the EsyBox is installed in vertical position.**



ESYGRID

INTAKE SCREENS

Suitable for vertical and horizontal mounting positions.
Included when purchased the US VERSION.
Possible to buy separately as spare part

ESYCOVER

OUTDOOR INSTALLATION



ACCESSORIES

ESYBOX

	MODEL
	**ESyWALL** Kit complete with brackets, screws, dowels and two anti-vibration feet for absorption of vibrations.
	**ESyDOCK** Thanks to the 4 plumbing configuration possibilities offers the installation is fast, easy and flexible. It is complete with all the fittings required for connecting to the system. It incorporates anti vibration feet to ensure the same quietness as EsyBox.
	**KIT PIPE UNION** 3PCS MF 1" NPT WITH O-RING SEAT.
	**ESY I/O - V2** Electronic expansion module for connecting to the outside world in analogue or digital mode or with Modbus protocol.

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MAKING WATER EASY

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