

esybox DIVER

**ENERGY SAVINGS
UP TO 68%
COMPARED TO
TRADITIONAL SOLUTIONS***



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 external installation, and X version for the reduction of sediment from rainwater tanks.

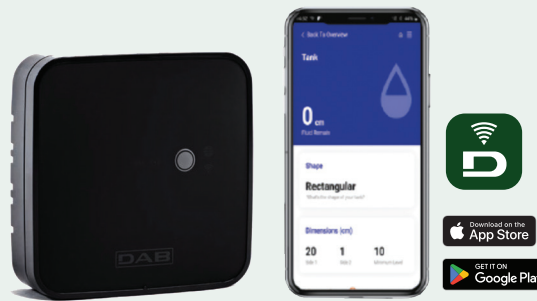


*compared to a traditional booster set in terms of medium usage conditions.

ready
D CONNECT

**INTELLIGENT PERFORMANCE -
DCONNECT BOX 2 OFFERS REMOTE
CONTROL FROM YOUR SMART DEVICE**

With the standard DConnect Box 2 and DConnect app it's possible to check and manage system pressure, alarms and amount of residual water in the tank directly from your smartphone or tablet. To learn more about the DConnect app, visit <https://internetofpumps.com>.



ACCESSORIES



**DOC68
(60192276)**

The DOC68 permits installation of the Esybox Diver outdoors as an IP68 certified surface pump.



**NFC WATER
LEVEL
MEASUREMENT
(60184570)**

Connected to the DConnect Box 2, controls the level of water in the tank and notifies the user of the level via an App.



**NFC FLOAT
(60184577)**

Detects level of water in a tank to prevent emptying and seizing of the pump and avoid dry running due to low water level.

SIMPLY RELIABLE

DAB



esybox DIVER
**THE FUTURE OF
WATER PRESSURIZATION**

**ESYBOX DIVER 7" ELECTRONIC
MULTISTAGE SUBMERSIBLE PUMPS WITH
INVERTER TECHNOLOGY+CONNECTIVITY**

DAB ESYBOX Diver is a 7" multi-stage electronic pump with variable frequency drive designed for providing clean water in rain water tanks, wells or cisterns. Use submerged, partially submerged or on the surface (with the optional DOC 68 accessory). The pump can also be installed horizontally.

It is suitable for pressurization, reuse of rainwater, gardening and irrigation in domestic and residential environments.

**EQUIPPED WITH PLC (POWERLINE
COMMUNICATION) AND WI-FI TECHNOLOGY.**

Thanks to the PLC communication technology, the pump transmits data through the power cable to the included DConnect Box 2, making it possible to check and manage the pump wirelessly from your smartphone or tablet with the DConnect app.

The entire ESYBOX Diver unit is IP 68 certified surface pump. With the DOC68 accessory (supplied separately) it becomes an IP 68 surface pump. Certified version for drinking water is available on request.

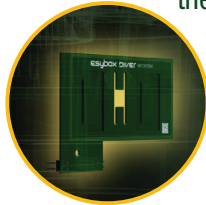
INTEGRATED INVERTER

The integrated inverter allows you to adapt the water pressure according to the effective demand, thus optimizing performance and energy consumption.



NFC AND PLC TECHNOLOGIES

Simple, constant control of the pump. NFC (Near Field Communication) permits use of pumps with float switch and water level measurement without the need for additional wiring. The accessories can be installed without disassembly of the pump body. All this assures speed and reliability. PLC (Power Line Communication) permits use of the DConnect Box 2 electronic control device through the power input line without additional cables.



USE: Houses and small residential buildings up to 6 floors.



Suitable for pumping water from:



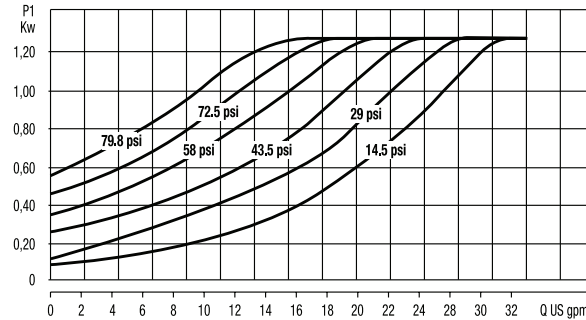
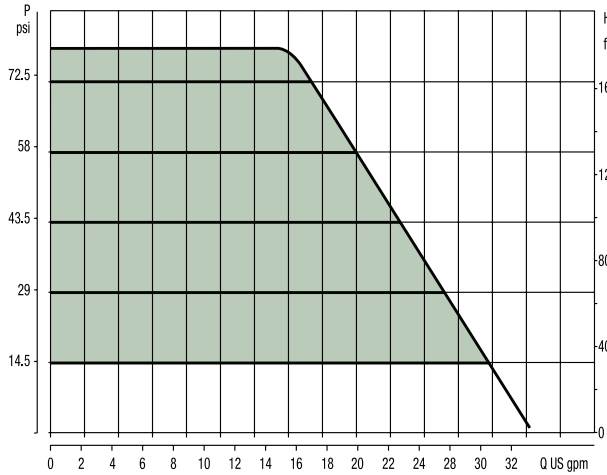
MORE BENEFITS AND DETAILS:



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DABPUMPS.US

THE FUTURE OF WATER PRESSURIZATION



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

PERFORMANCE AT 60 HZ

MODEL	ELECTR. DATA		HYDRAULIC DATA									
	P2 NOMINAL		Q=gpm	0	4	8	12	16	20	24	28	31
	kW	HP										
ESYBOX DIVER	0.95	1.3	H ft	180	180	180	180	173	130	82	37.3	2.1

ELECTRICAL DATA AND DIMENSIONS

MODEL	ELECTRICAL DATA					A	Ø D	H	DNM	PACKING DIMENSIONS			PACKING VOLUME	Q.TY X PALLET	WEIGHT
	POWER INPUT 60 Hz	P1 kW	P2 NOMINAL		In A					L/A	L/B	H			
			kW	HP											
ESYBOX DIVER	1 x 220-240 V ~	1.3	0.95	1.3	5.5	7.28"	1" 1/4	24.05"	1.26"	29.1"	9.05"	11.8"	1.803 ft ³	15	37.5 lbs

TECHNICAL DATA

- Flow rate maximum:** 31.7 gpm
- Head up to:** 180 ft
- Maximum immersion depth:** 39 ft standard version
- Type of pumped liquid:** Clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral
- Free passage:** 0.08"
- Minimum suction depth:** 4.33"
- Minimum level of water:** 1.38
- Liquid temperature range:** from 32°F to 131°F
- Minimum and maximum ambient temperature:** < 32°F to 122°F
- Maximum immersion depth:** 49 ft
- Adjustable constant pressure:** pre-set 43 psi, adjustable from 14 to 80 psi
- Outlet connection:** Threated 1" 1/4 NPT
- Pump maximum diameter:** 185 mm
- Impeller/s material:** Technopolymer / AISI 304 Stainless steel
- Maximum number of starts:** 60/h
- Protection class:** IP 68
- Non-stop service:** yes
- Motor insulation class:** F
- Power cable (m) and plug:** 49 ft with NEMA 6/15P plug
- Single phase power input:** 230 V 50/60 Hz
- Possible type of installation:** Fixed, horizontal or vertical. Submerged or semi-submerged. It can be installed on the surface, under the water level, or outside in a vertical position with the DOC68 accessory (supplied separately).
- Special versions on request:** X version with threaded inlet for Floating Intake hose
- Certification:**
 - CSA C22.2 No. 108-14- 5th Ed. – Liquid Pumps.
 - UL 778 6th Ed. – Motor Operated Water Pumps
 - NSF 61 Drinking Water & NSF 372 Drinking Water - Low Lead Content

