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.

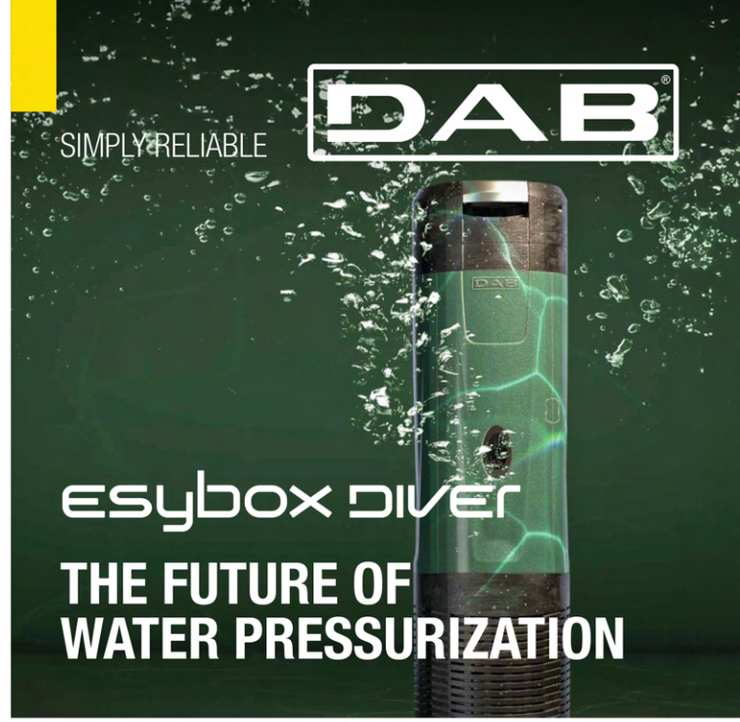
D+ CONNECT ready

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.



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.

esybox DIVER

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 accessories 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:

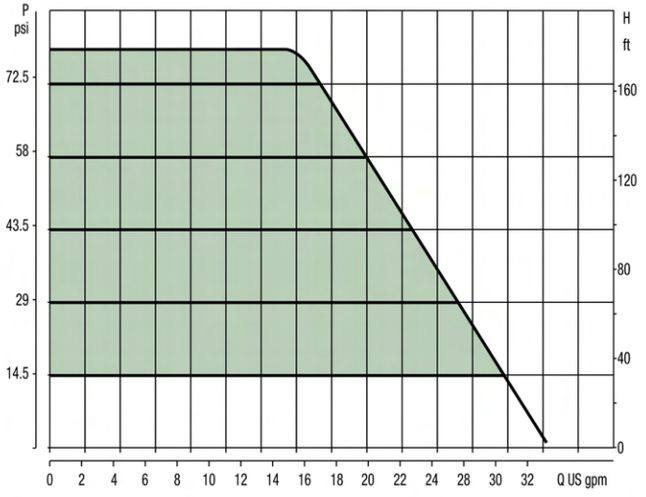
TANKS | RAINWATER COLLECTION TANKS | WELLS

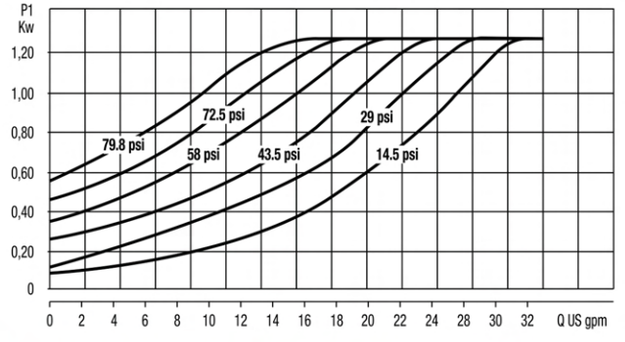
MORE BENEFITS AND DETAILS:

DAB PUMPS USA
3226 Benchmark Drive
Ladson, SC 29456 USA
service.us@dabpumps.com
Tel: 1-843-797-5002
Fax: 1-843-797-3366

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.

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

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

Drinking Water NSF / ANSI 61

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 ft³	15	37.5 lbs

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