

NEW RANGE

DIVERTRON

**THE NEW SHAPE OF
EFFICIENCY**



DAB[®]
WATER • TECHNOLOGY

DIVERTRON

THE NEW SHAPE OF EFFICIENCY

At DAB we listen to the needs of customers, technicians and the environment. That is why we always anticipate the evolution of our products, improving their features, performance and usability.

The first generation of Divertron was developed in **2007**, setting a new standard **in the market**: a range of submersible pumps **with integrated on/off electronics**.

After **15 years** and after **more than 1 million pieces installed**, now its time to raise the bar again.

the second generation of Divertron goes beyond the remarkable capabilities of the first.

DAB's approach is different, we continue to have a relentless focus for power efficient performance, which means increasing performance reducing power consumption. New Divertron is complied well in advance to the next MEI regulations on **energy efficiency**.

At the same time, it has been made **even stronger** and **easier to install and maintain**.

Find out more



**A RENEWED PRODUCT:
MORE POWERFUL AND EASIER TO USE IN ALL ITS APPLICATIONS**

📍 tank installation



STANDARD VERSION



FLOAT-SWITCH

By detecting the water level, the float-switch prevents repeat starting routines and provides additional protection against dry running.

KIT X. Float ball level switch

Attached to the special filter designed for version X, this accessory prevents water from being sucked up from the very bottom of a well or tank, so that sludge, dust or debris is not drawn in.



📍 well installation

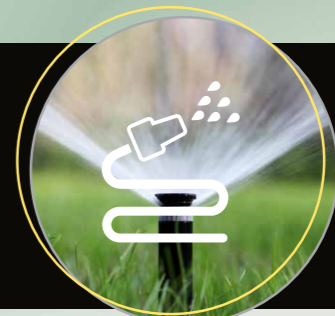


X VERSION

Divertron is a submersible pump with integrated on/off electronics for domestic water supply. Ideal for irrigation and gardening and for the reuse of rainwater, it can be installed inside collecting tanks, wells and tanks with a maximum immersion depth of 12 metres.



WATER BOOSTING



GARDENING & IRRIGATION



RAIN WATER REUSE

DIVERTRON

THE SECOND GENERATION

LESS CONSUMPTION, HIGH PERFORMANCE

Combining the new high-efficiency impellers and an optimised mechanical seal, **the new Divertron consumes 30% less power than the current model, while still achieving higher performance.**

In line with the MEI directives on energy efficiency, which will enter into force in 2024, **it helps to respect the environment and reduce energy bills.** This is a real benefit your customers will want to hear about.



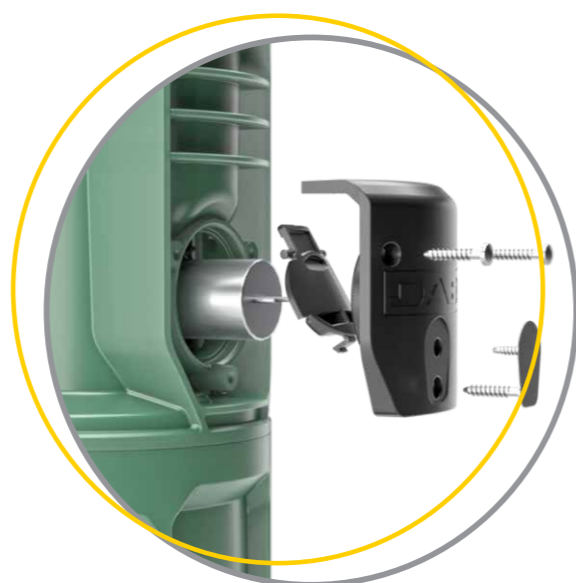
CONTINUITY OF OPERATION AND DURABILITY OVER TIME

In this new version, **the float-switch works in conjunction with the integrated electronic** to offer **double protection against dry running**, preventing the repetition of starting routines. This ensures superior and smooth operation and less stress on the pump, **extending its life cycle and reducing the need for special maintenance.** A real long-term investment.



SIMPLE MAINTENANCE

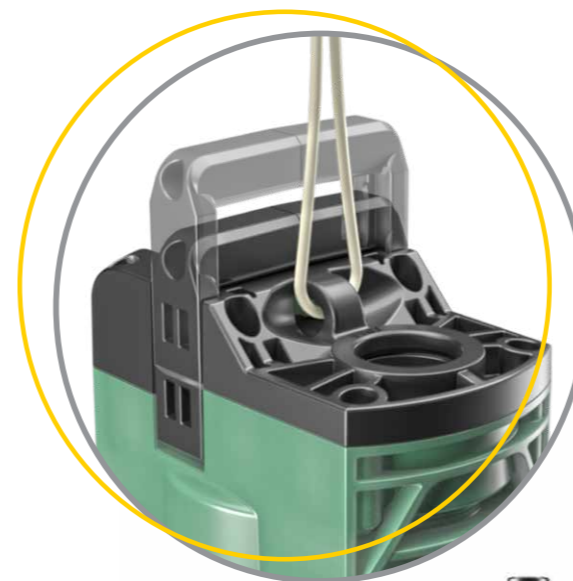
The capacitor can be accessed **directly** from outside in a quick and easy way, **and removed without complicated disassembly operations.** Fast and functional.



OVERVIEW

EASE OF USE

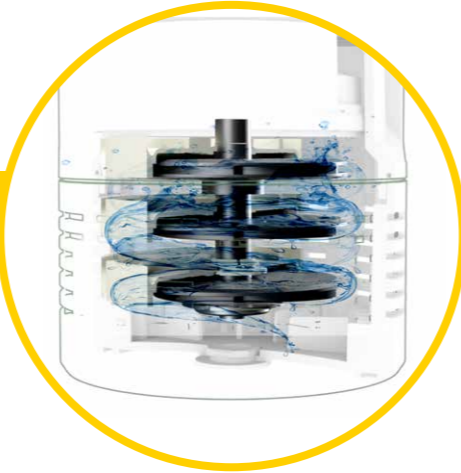
The new **retractable handle** makes it easier to move the pump, while **the hook** is designed to use a cord when the pump is lowered into a tank or well.



FEATURES

HIGH EFFICIENCY IMPELLERS

The technopolymer impellers are based on in-depth research into fluid dynamics to increase performance: higher efficiency with lower energy consumption.



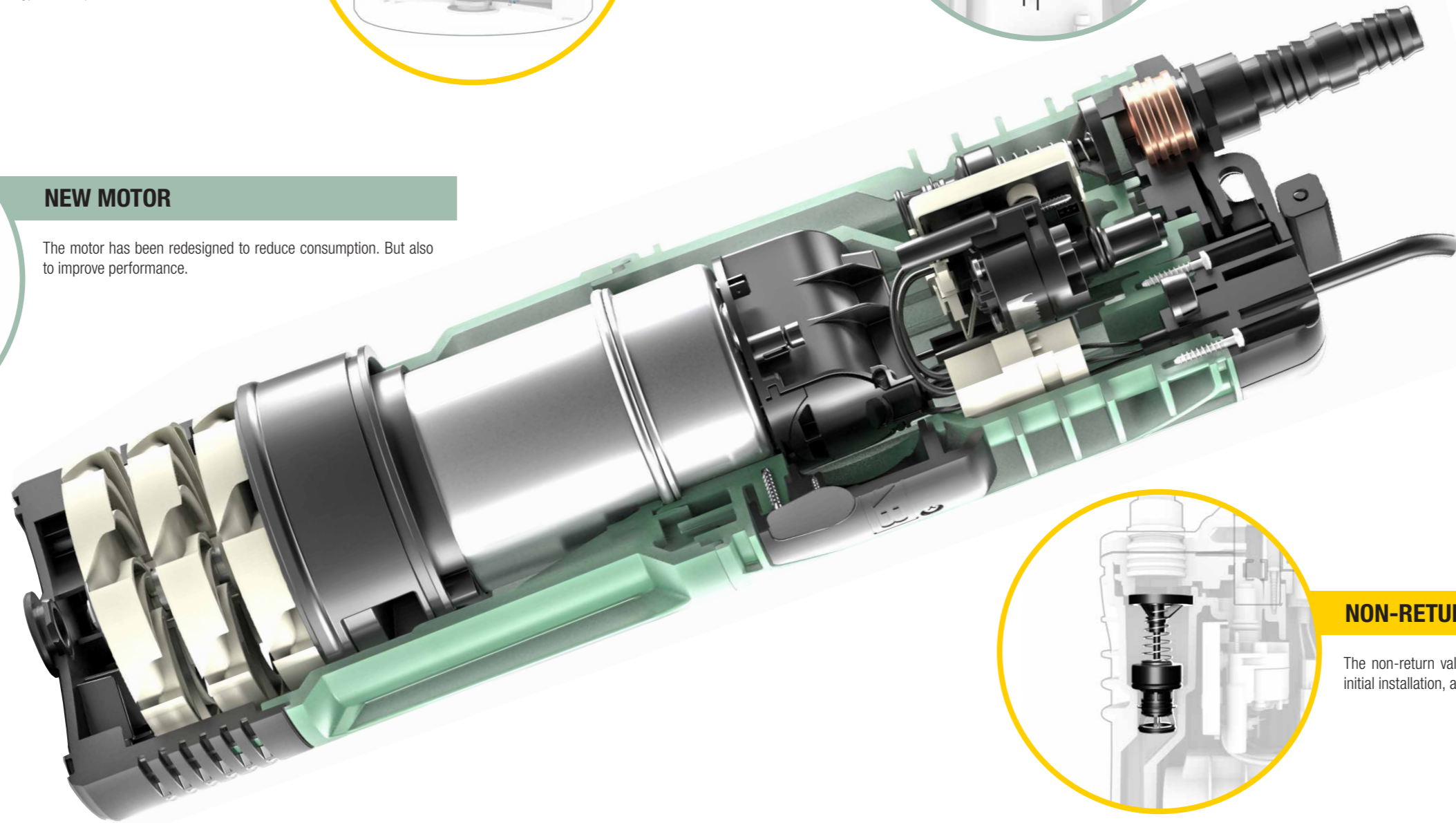
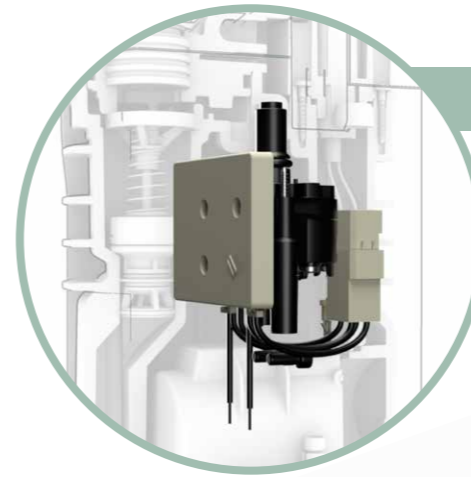
NEW MOTOR

The motor has been redesigned to reduce consumption. But also to improve performance.



INTEGRATED ON/OFF ELECTRONICS

The integrated electronic manages starting and stopping of the pump automatically in relation to the water demand, without the need to install an external controller.



NON-RETURN VALVE

The non-return valve ensures quick and safe initial installation, allowing immediate priming.



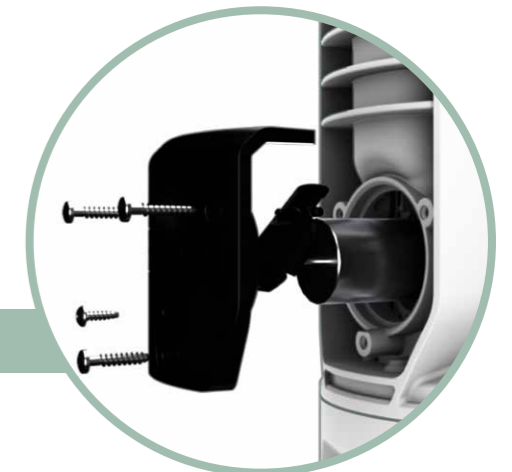
MECHANICAL SEAL

We have applied a mechanical sealing system that offers two advantages: greater strength and durability, but also greater efficiency, thanks to the combined action with the new hydraulics.



DIRECT ACCESS TO THE CAPACITOR

The capacitor is designed to be replaced quickly without the need to remove the pump housing.



DIVERTRON

SELECTION TABLE



	MAXIMUM NUMBER OF FLOORS	WATER PRESSURIZATION / RAIN WATER REUSE			IRRIGATION
		SMALL APARTMENT with 1 bathroom (6 taps)	MEDIUM APARTMENT with 2 bathrooms (10 taps)	LARGE APARTMENT with 2 bathrooms + garden (15 taps)	STATIC SPRINKLERS RANGE 4 m <small>Flow rate: = 6 l/min Operating pressure: 2.4 bar</small>
		MAXIMUM NUMBER OF APARTMENTS			MAXIMUM NUMBER OF SPRINKLERS
DIVERTRON 650	1	3	1	1	9
	2	2	1	0	
	3	1	0	0	
DIVERTRON 900	1	3	1	1	10
	2	2	1	1	
	3	2	1	0	
	4	1	0	0	

* The table is indicative and based on average values. To ensure optimal sizing, perform a careful assessment of the specific system.

VERSIONS *



STANDARD VERSION



WITH FLOAT



X VERSION



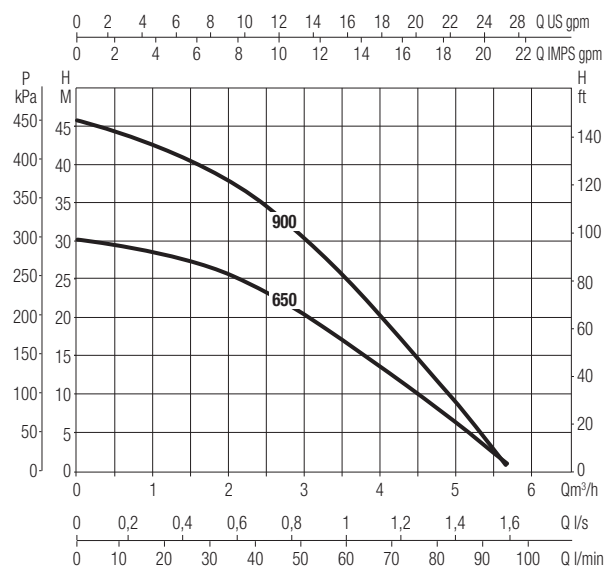
Kit X for X version



* Recommended installation with auxiliary tank

TECHNICAL DATA

MAXIMUM FLOW RATE	up to 6,3 m ³ /h
MAXIMUM HEAD	up to 45 m
P1	up to 920 W
P2 NOMINAL	up to 0,56 Kw (0,75HP)
MAXIMUM IMMERSION DEPTH	12 m
MAX AMBIENT AND LIQUID TEMPERATURE:	+40 °C
FACTORY CUT-IN:	2,4 bar (±0,2)
DELIVERY FLANGE OR THREAD:	threaded from 1"
PUMP MAXIMUM DIAMETER:	160 mm.
DIMENSIONS:	Divertron 650: 487x170 mm Divertron 900: 534x170 mm



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