

## DTRON Range & ESYBOX DIVER



# The new range



2008



2020

# The new range



Built-in ON/OFF Electronics

## DTRON2 – DTRON3



Built-in VFD

## ESYBOX DIVER



# Tank Application



Why do we need a tank?



## Low pressure

(direct connection to the water mains is not possible/forbidden)



## Water reserve

(not enough water coming from the water mains)

# Tank Application

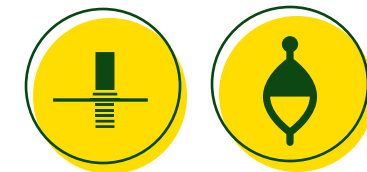
## Standard solution



**Pump +**  
expansion vessel,  
NRV and  
pressure switch



**Foot valve + float**  
switch



# DTRON & ESYBOX DIVER



**ALL-IN-ONE  
SOLUTION**



# DTRON & ESYBOX DIVER



## ALL BUILT-IN

### 40 cm<sup>3</sup> (SPRING) EXPANSION VESSEL

For little pressure losses and water hammers

No maintenance needed

### ELECTRONIC CONTROL and SENSORS

(Flow and Pressure)



Advantages

## SIMPLE MAINTENANCE



The pump can be dismantled from both sides

Hydraulic part, motor, electronic part and filter can be disassembled separately



Advantages

# FLEXIBLE INSTALLATION in TANKS



RAIN WATER



GARDENING and IRRIGATION



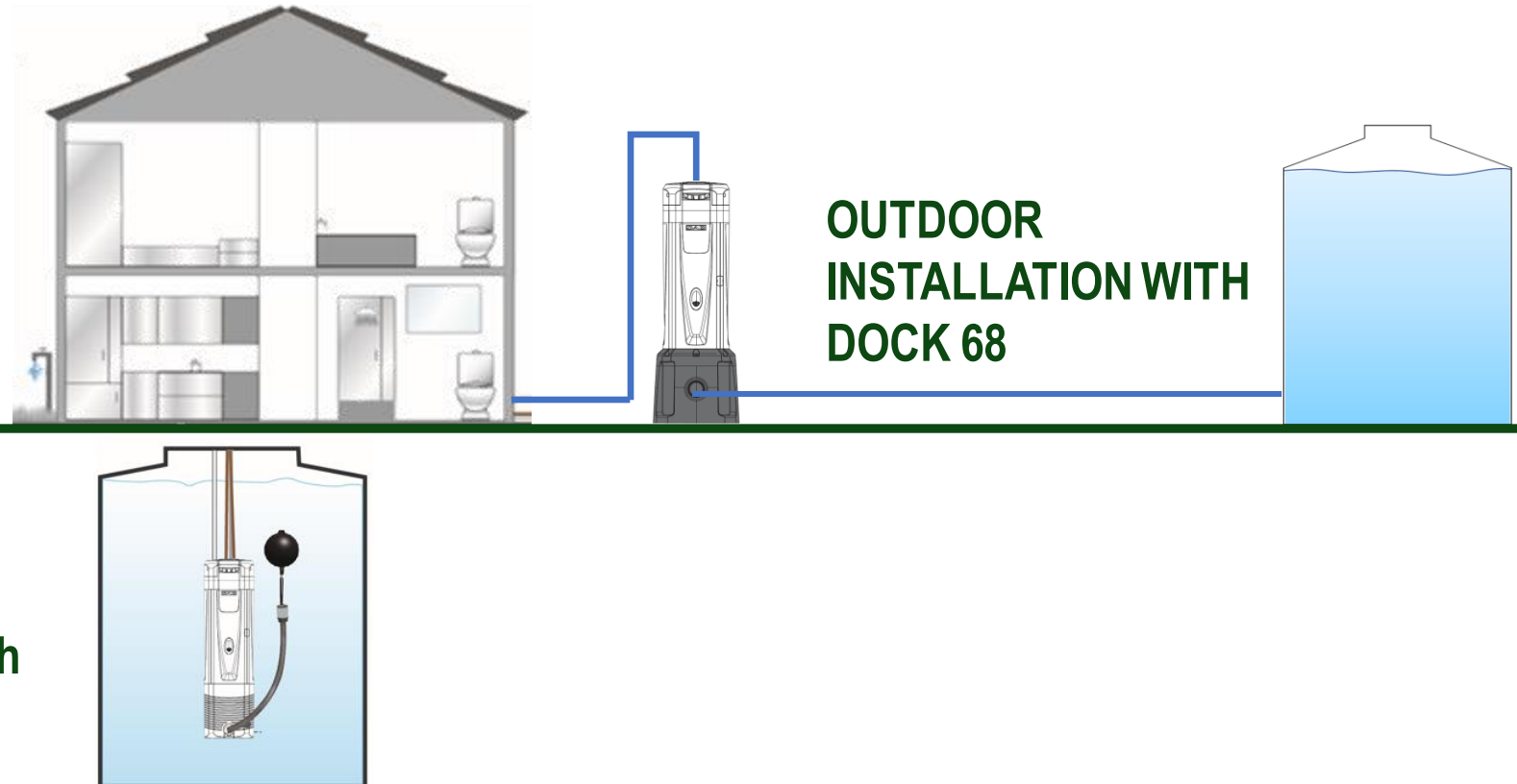
GROUNDWATER



DOMESTIC BOOSTING



Advantages

## FLEXIBLE INSTALLATION with optionals



# Range



	CURRENT	DTRON2	DTRON3	ESYBOX DIVER
SIZE	6"	7"	7"	7"
DIAMETER	150	185	185	185
HEIGHT	480	610	650	650
DELIVERY	1"	1"1/4	1"1/4	1"1/4
				

## FEATURES

Complete  
Range





## IMPROVED SEALING

Double mechanical seal in oil chamber



## IMPROVED HYDRAULICS

AISI wear ring



## VENTING VALVE

For priming



## NOT COMPLETELY IMMERSED INSTALLATION

Minimum 16 cm (water-cooled motor)



## RESISTANCE TO LOW TEMPERATURES

Over-pressure valve against water hammers and fractures caused by icing



Optional

## FLOAT SWITCH



Thanks to the NFC technology, you avoid any direct contact between the water and the electric parts of the pump







Optional

**DOC 68**



The pump can be placed outside the tank, and it works as a booster with a IP68 class protection (not self-priming)





Optional

## SUCTION KIT X



**"X" Version**

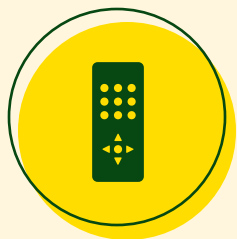
Thanks to the floating ball, the pump can draw clean water from the upper part of the tank



## FEATURES

# DTRON3





## EXTERNAL CONTROLLER: COM BOX



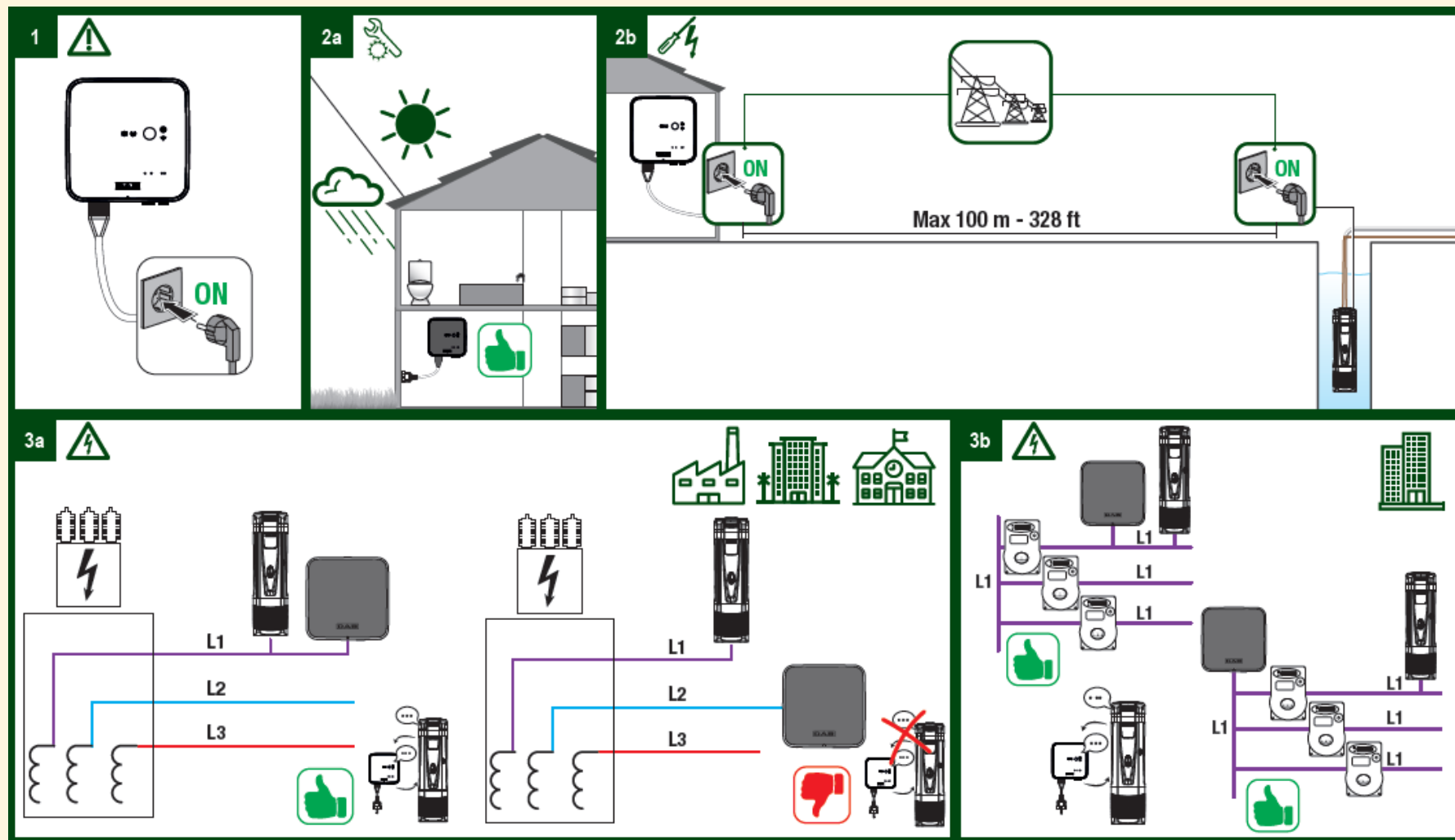
It allows you to:

- Set the cut-in pressure
- Visualize alarms
- Reset the system

through **Power Line Communication**

Data are transmitted through power line cables





## FEATURES

# ESYBOX DIVER



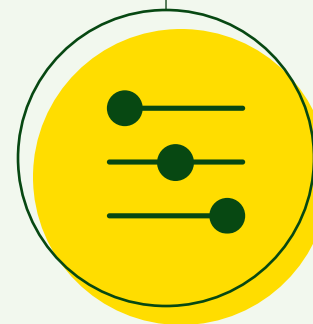


Excellent performance, high efficiency and low noise

## PERMANENT-MAGNET MOTOR

Reliable and money-saving

## INVERTER





## DCONNECT BOX2 CONTROLLER with integrated wi-fi

Remote control through mobile and PC, thanks to the **D+CONNECT**



You can:

- Change parameters
- Receive in-time alarm notifications
- Have automatic software updates



### DCONNECT BOX2

through **Power Line Communication**

Data are transmitted through power line cables





Optional

## WATER LEVEL READER

Thanks to the NFC technology, you will avoid any direct contact between the water and the electric parts of the pump.

**You will see the effective water level in the tank thanks to the APP.**



# Performance



# Performance



Built-in ON/OFF Electronics

## DTRON2 – DTRON3



Cut-in 2,4 bar



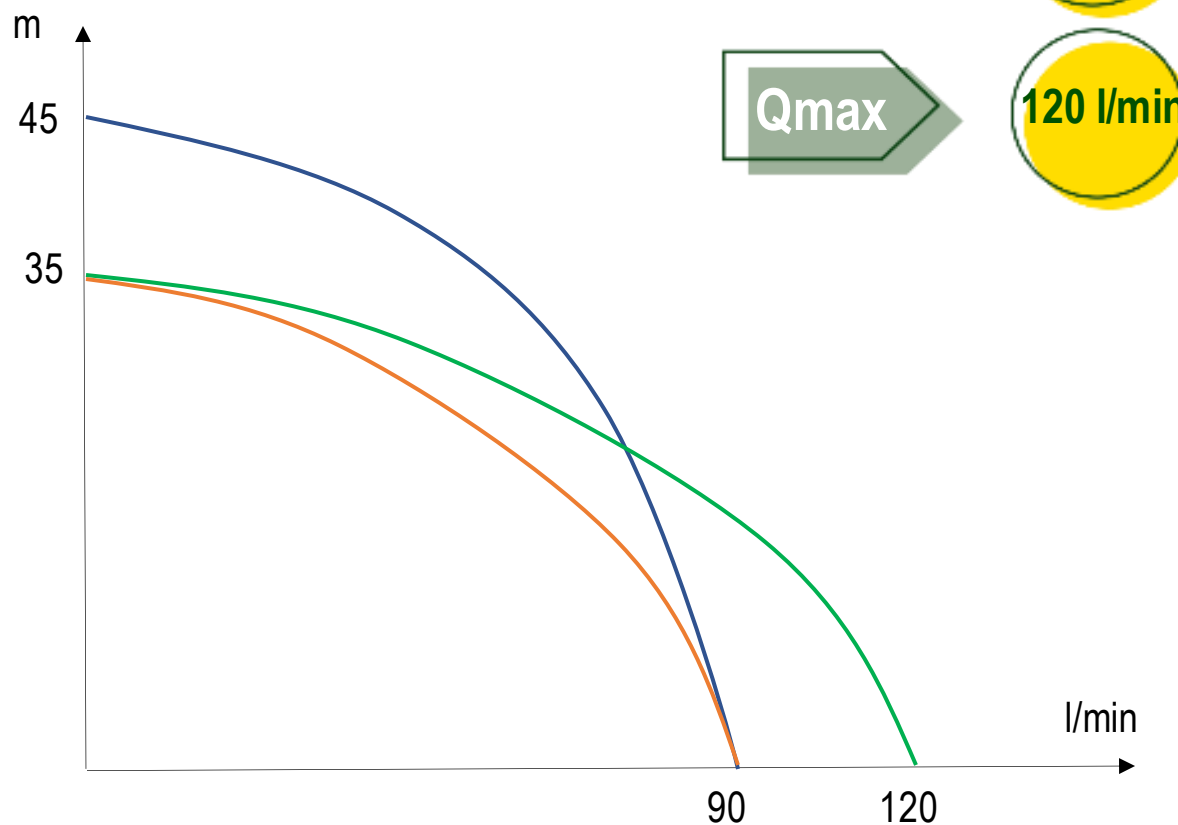
Variable cut-in: 1,5 - 4,5 bar

### Models:

Dtron 2/3 35/90

Dtron 2/3 45/90

Dtron 2/3 35/120



Hmax

45 m

Qmax

120 l/min

# Performance

Built-in VFD

## ESYBOX DIVER

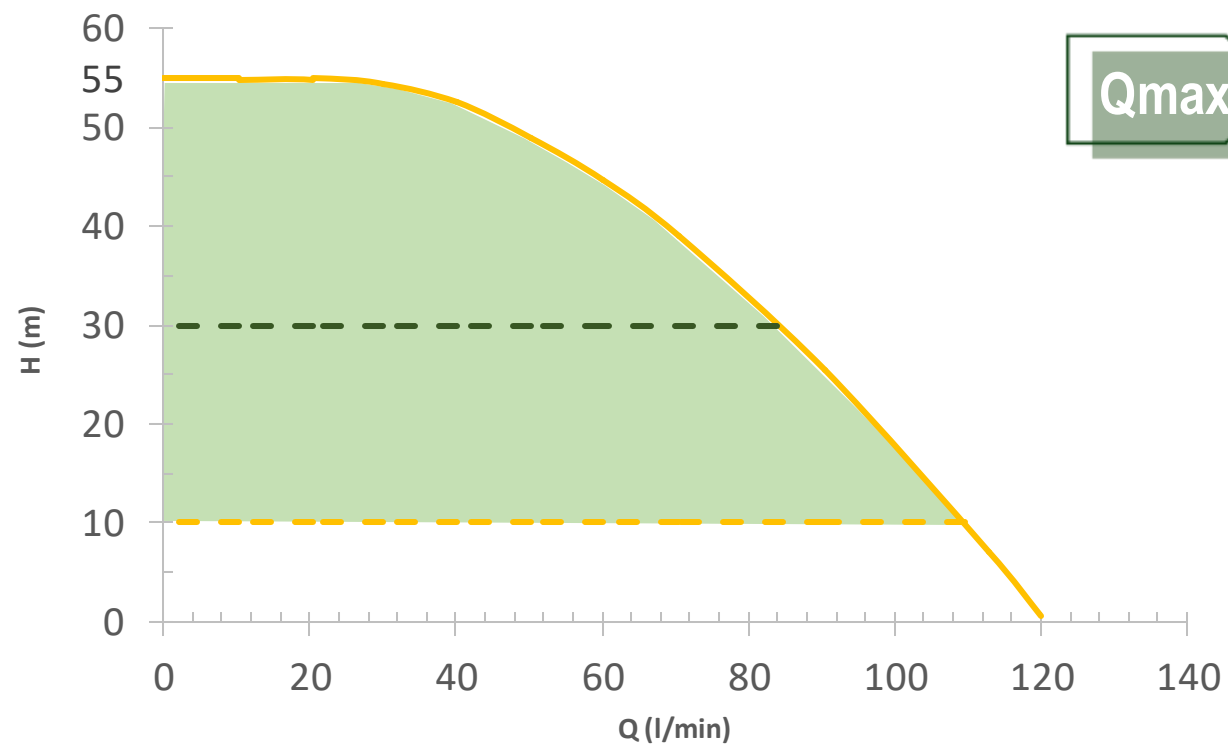


Hmax

55 m

Qmax

120 l/min





# In pills



ALL-IN-ONE  
ROOM SAVING

EASY INSTALLATION AND  
MAINTENANCE



LOW NOISE LEVEL

FIT FOR DIFFERENT  
APPLICATIONS



RICH IN OPTIONALS



**D** + **CONNECT**





[www.dabpumps.com](http://www.dabpumps.com)



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