

# PRIVATE HOUSE IN BURWOOD - AUSTRALIA



**WHERE:** Burwood is a suburb in the Inner West of Sydney, in the state of New South Wales, Australia. Burwood features many fine examples of architecture from the Federation and Victorian styles, like St Paul's Anglican Church on Burwood Road. In the heart of the city, we can find Burwood Park, where citizens and tourists can spend relaxing time since 1882, when the park was established by the local council.



## THE REQUEST:

The purpose is garden irrigation (no domestic booster) on a private house, where a tank collects rainwater coming from the roof of the house and is located underground in the backyard garden. The irrigation system is made of a mix of small rotating sprinklers, some small fixed sprayers, and some small drippers, and is supervised by a monitoring system, which activates solenoid valves for different branches. The usage of the irrigation system is intermittent, and it depends on the weather. The pump must supply the garden irrigation system on the backyard and on the front of the house.

## THE SOLUTION:

To satisfy the request, Esybox Diver was installed, driven by a level sensor.

DConnect was installed outdoor, protected by an additional plastic panel IP65, beside the pool equipment control panel.



Esybox Diver



**FLOW MAX (Q):** up to 7,2 m<sup>3</sup>/h

**HEAD MAX (H):** up to 55 m

### FEATURES:

7" multi-stage electronic pump with variable frequency driver for clean water, designed for use in wells, tanks or cisterns. The pump can be used submerged, partially submerged or on the surface (with the DOC68 accessory). The pump is suitable for pressurization, rainwater re-use, gardening and irrigation activities in residential building service. The pump integrates the variable frequency driver for operation according to the system requirements.

## DConnect Box 2



### FEATURES:

Thanks to DConnect Box 2 and the new App you can check the pump, set the starting and stopping parameters, view the details of alarms and monitor the status of the system directly on your smartphone.

With DConnect Box 2 you can also access DAB Cloud service, that allows to control the system remotely.

## Water level measurement



### FEATURES:

Only connected to the DConnect Box 2, it allows to set the starting and stopping level of the pump, controls the level of water in the tank and notifies the user of the water level via an App

**CHANNEL:** Residential Building service

**APPLICATION:** Irrigation; Connectivity;

**PRODUCTS:** 1 X Esybox Diver