

# FlowFriend Junior

The FlowFriend Junior is way ahead in the field of pumping water energy efficiently. The FlowFriend complies with the highest industrial MEI category (above 0.7) and thus falls in the “best available technology” category.

The FlowFriend Junior consists of a pump with a separate control cabinet and is therefore fully adjustable for the required quantity of water. The pump is equipped with a permanent magnet motor. This motor has high efficiency at both high and low revolutions. The motor has no cooling fan and is consequently extremely quiet and complies with IP class 67.

The impeller and the pump casing are streamlined and made entirely of cast 316 stainless steel. Robust, smooth and a perfect shape to keep internal losses to a minimum.

The control cabinet can be mounted in an easily accessible place. With this control, the quantity of water can be set very accurately (from 2 to 40 m<sup>3</sup>/h). This gives the pump a large area of application for efficient use, for example in different seasons. With the short circuit-resistant control, the pump can also be remote controlled.

The maximum efficiency of the hydraulics at full load is above 85%, that of the motor above 94% and for the control above 98%. The motor suffices with regard to the most recent, not yet officially released IE6 standard for energy efficiency.

- motor with IP67 protection class
- extremely energy-efficient
- external controller - short-circuit resistance and IP66
- 0-10V/0-20mA/4-24mA external control
- adjustable 2-40 m<sup>3</sup>/hour/20-370 Watt/500-3000 rpm
- without fan - extremely quiet
- IE6: latest generation permanent magnet motor (EC/BLDC)
- 5.5-metre pump head



**Technical specifications:**

- Capacity (m<sup>3</sup>/h): 2-40
- Pump lift (MWC): 5.5
- Power (W): 25-390
- Voltage (V): 220-240V (1~)
- Frequency (Hz): 50-60
- Motor housing: Aluminium/Stainless steel
- Protection Class: IP67
- Cabel length Pump/Drive (m): 10
- Suction/Pressure: 2.5" BSP/2.5" BSP
- Weight (kg): 14

