

FlowFriend Max Flow @ Min Costs

FlowFriend pumps are 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 motor speed can be adjusted as standard with every type of FlowFriend. The pump includes a display for this purpose that also shows power consumption and hours of operation. Every FlowFriend can also be controlled externally via an optional 0-10V port. The FlowFriend pumps have a remarkably high efficiency at both high and low rpm.

The FlowFriend is available in three models, all of which use the same motor, but with a different pump housing and rotor installed. This means that the optimal FlowFriend can be selected for every field of application. The FlowFriend’s hydraulics are entirely made of cast 316 stainless steel. Robust, smooth and a perfect shape to keep internal losses to a minimum.

- energy efficient
- standard flow/rpm controls
- optional 0-10V control
- high flows at low energy consumption
- very quiet
- 3 different optimised pump housings
- optimal adjustment for versatile application
- a premium efficiency IE4 motor
- motor developed and manufactured in Germany
- can be used anywhere in the world: voltages ranging from 100-240V/50-60 Hz



FlowFriend PRO

The PRO is an axial-flow (propeller) pump and has a low pump lift and large water volume. For example, at 0.5 MWC, a capacity of 50m³/h is available at a consumption of 200 watts. The FlowFriend PRO has a suction/pressure connection of 125 mm in order to minimise internal pump losses. Uses are drum filters and recirculation systems (fish farms).



FlowFriend Standard

The optimal field of application for the FlowFriend Standard is a pump head between 1 and 5 metres. The hydraulics have been designed such that greater pressure is available than with the PRO. If there is higher back pressure to any extent, resulting for example from longer hose lengths, numerous bends and difference in height, then this FlowFriend Standard is the optimal choice.



FlowFriend HP

The HP has a pump housing with a more closed rotor and greater pressure as a result. The HP is primarily intended for lifts from 4 MWC (0.4 bar) and has a maximum pressure of 14 MWC (1.4 bar). The HP is for instance extremely well suited to sand filters and greater lift heights. The HP is an excellent choice as well for pipes containing several bends, fittings and fixtures, such as UV and heating.



Technical specifications

	FlowFriend PRO	FlowFriend STANDARD	FlowFriend HP
Capacity (m ³ /h)	15-110	5-70	5-50
Pump lift (MWC)	2.5	7.2	14.1
P1 Power (max.) (W)	30-800	30-750	30-1150
Voltage	100-230V (1~)		
Frequency	50-60Hz		
Motor housing	Aluminium		
Protection class	IP 55		
Suction side / Pressure side	125mm / 125mm	3" BSP / 3" BSP	3" BSP / 2,5" BSP