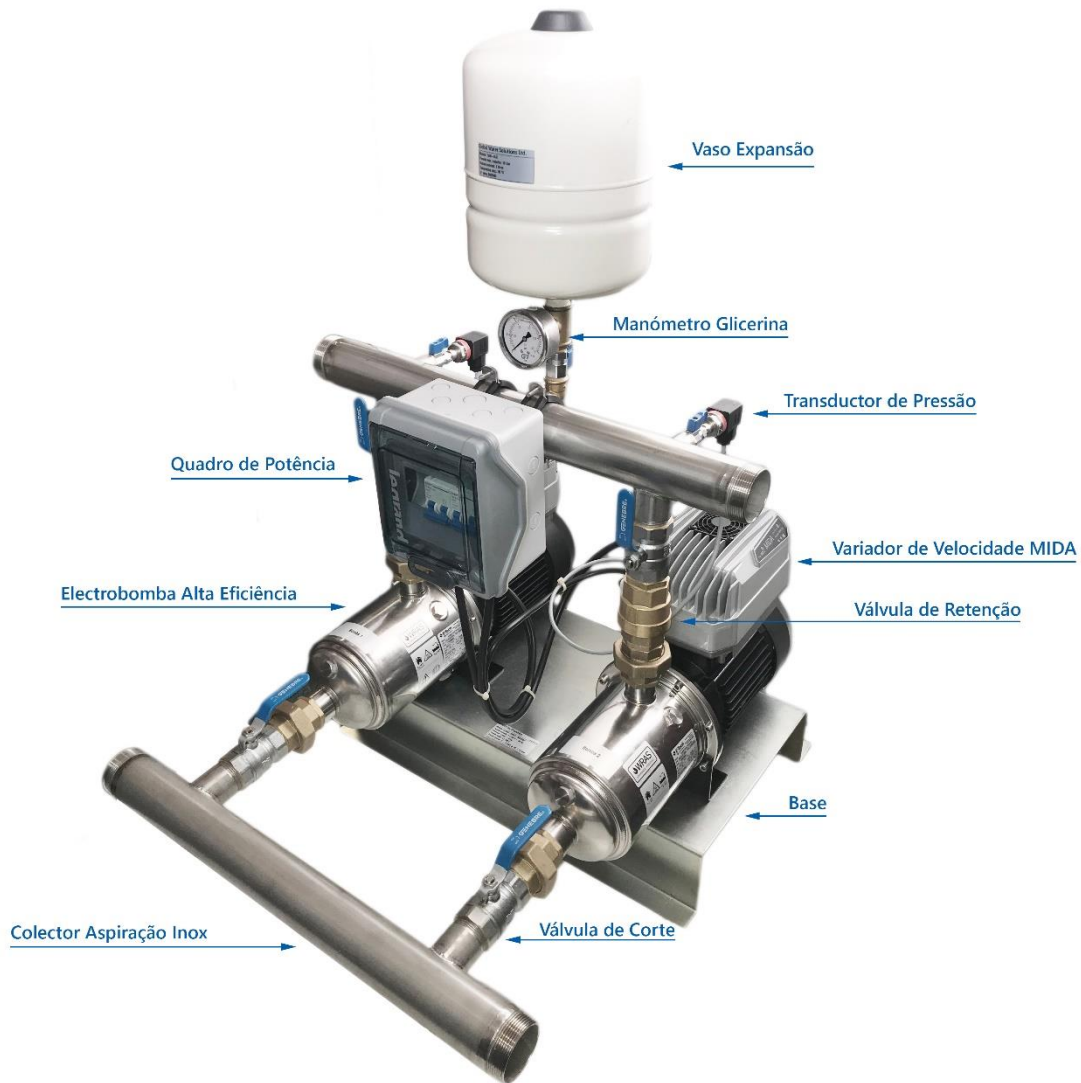


Compact Pressure Group

with

SPEED VARIATION



The operation of the variator meets the most demanding demands for comfort through constant pressure, for a variable flow rate.

The system makes it possible to compensate for variations in load losses in the network, smoothly providing the required flow without starting peaks, water hammers, due to pumps stopping, reducing energy and maintenance costs.

As the work performed by the pumps is completely automatic and independent of what has already been mentioned, the system also allows the cyclical alternation of interconnected pumps and the starting of one of them, in the event of one failing, without external control.

Compact Pressure Group



Franklin Electric



Pressure Group Composition:

1. Two electric pumps from the E-Tech-Franklin brand of American origin, model EH, formed by monobloc centrifugal horizontal pumps, equipped with an electric motor for current 3~230 Volts, 50 Hz, 2890 Rpm, horizontal assembly with steel turbines and diffusers 304 stainless steel.
2. Autoclave tank with 8 L capacity, with food-grade rubber membrane pre-charged with air, with covered bottoms.
3. 2" compression manifold in 304 stainless steel.
4. 2" 304 stainless steel suction manifold.
5. Check valves on each pump.
6. Compression isolation valves for each pump.
7. General shut-off valve.
8. Laying base
9. An electrical power cabinet, consisting of a group of circuit breakers and terminal strip.
10. Two pressure transducers.
11. Two speed variators from Nastec, model MIDA, of Italian origin, installed on the electric pumps. This frequency converter is dedicated to improving hydraulic flow control in areas.

Built-in protection against:

Under or Sub intensity;
Under or Under
voltage; Dry running;
Excessive temperature.

Operation Muti Bomba (COMBO):

Alternation for uniform pump wear;
In the event of a pump failure, operation is automatically ensured by the remainder.

EMC compatibility for residential environment:

Integrated PFC (PF 1) in accordance with EN61000-3-2.
Integrated input filter for Category C1 EN61800-3), Class B (EN55011).

The MIDA variator guarantees:
Energy savings due to speed control;
Smooth start and stop;
System durability and reliability;
Simplified installation on the engine or wall;
Quick and easy commissioning to the initial configuration wizard;

Possible installation on humid environments and dusty due to the IP55 (NEMA 4) degree of protection;
High thermal and mechanical performance thanks to aluminum housing and ventilation independent.



Improved usability via:

Monitoring and programming via your smartphone and the Nastec NOW application available for Android, IOS and Windows Mobile;

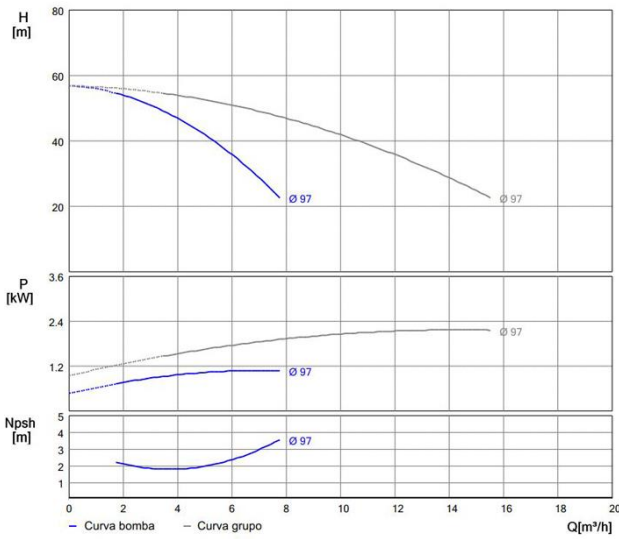
Remote control using a nearby smartphone as a modem;

Save and load schedules;

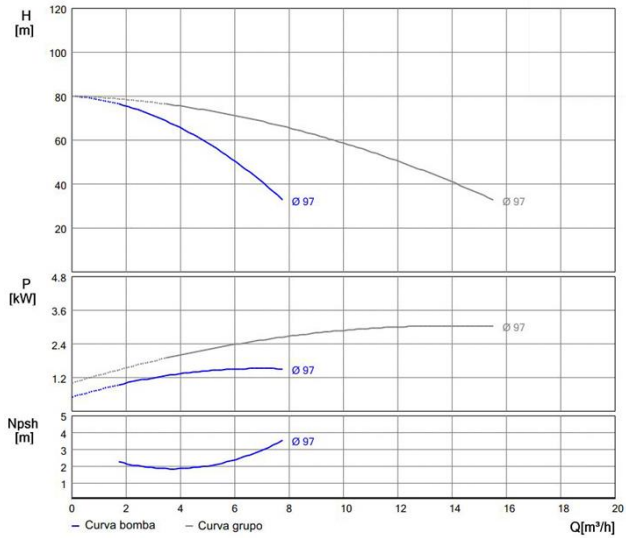
Possibility to send reports by email;



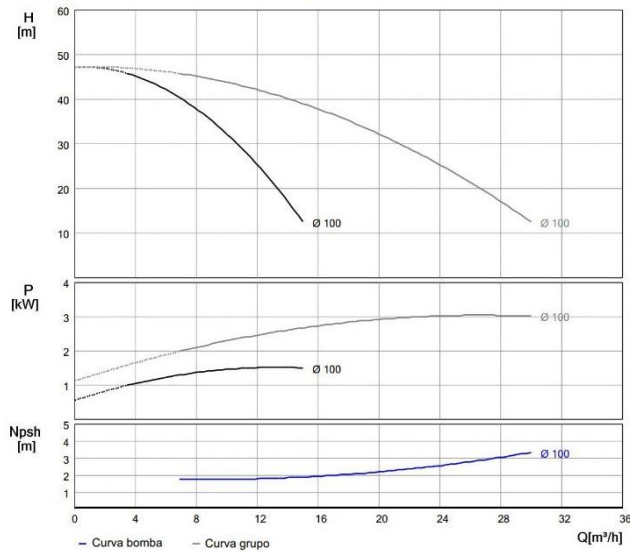
Grupo Pressão 2xEH5-5, 1,10kW, 1~230V



Grupo Pressão 2xEH5-7, 1,50kW, 1~230V



Grupo Pressão 2xEH9-4, 1,50kW, 1~230V



Applications:

- Apartments
- Buildings
- Offices
- Hostels
- Industry

Characteristics:

- High efficiency
- High durability
- Fully integrated system Easy installation and operation
- Control via Bluetooth

Specifications:

- Indoor installation
- Input voltage - 1~230V, 50Hz
- Motor voltage - 3~400V, 50Hz
- Fluid - drinking water
- Fluid temperature - 0°C ~ 70°C
- Number of pumps - 2

Models:

- 2xEH5-5, MIDA
- 2xEH5-7, MIDA
- 2xEH9-4, MIDA
- Others

