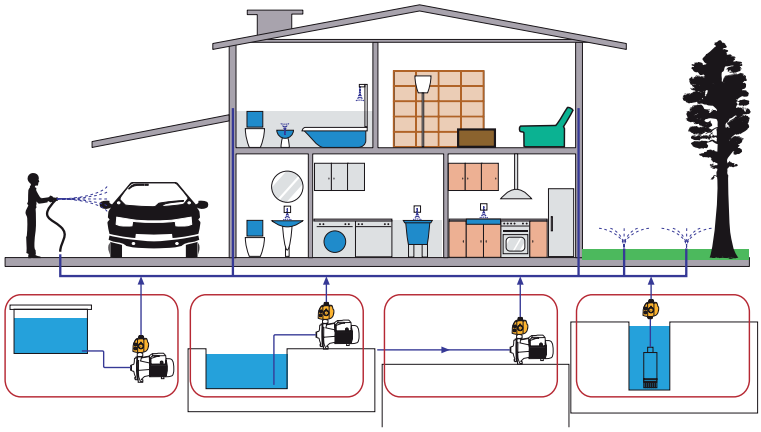
formula press

AUTOMATIC DEVICE FOR ELECTRIC PUMPS INTEGRAL CONTROL



INSTALLATION EXAMPLES



The Formula press is a compact device for the automatic control and protection of electric pumps, which patented system includes special electronic sensors of flow and pressure, integrated in an electronic circuit that guides the electric pump operation and keeps pressure and flow accordingly. Moreover, it has a safety system to avoid the dry operation of the pump. The Formula press substi-tutes the traditional system of hydrosphere, pressostat, retention valve and level switches, with the advantage of smaller dimensions and periodic maintenance elimination. The operation automatically starts the electric pump when any point of use is open and closes it – after a 10 seconds programmed time – when closing the consumption point.

ADVANTAGES

- **No maintenance.**
- **Installation time savings.**
- **Compact and reduced dimensions.**
- **Removal of protecting devices (level switch).**
- **Avoids pump oversizing because it makes integral use of its flow-pressure curve.**
- **Safety system against dry running.**

SERIAL EQUIPMENT

- **YELLOW LED POWER.**
- **GREEN LED ON.**
- **RED LED FAILURE.**
- **Tactile starter push-button.**
- **Electronic circuit group with monobloc box easily replaceable.**
- **For other options like pressure gauge, cables, regulation, etc., look at MODELS AND OPTIONS.**

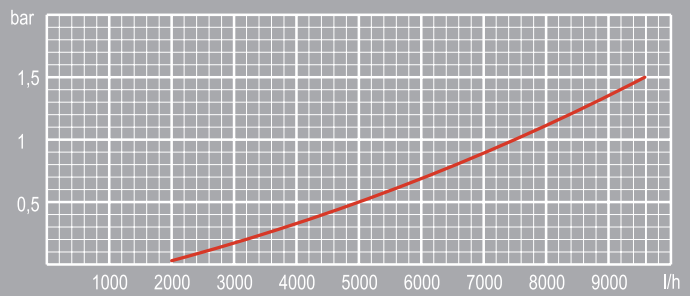
CONSTRUCTION CHARACTERISTICS

Body:	Non-toxic thermoplastic with fibre-glass.
Membrane:	Special natural rubber.
Spring:	Steel DIN17223 C/84 bichromatized.
Joints:	Special synthetic rubber.
Sensor valve:	Technical high resistance thermoplastic.
Magnets:	Alnico inserted and hermetic with ultrasound welding.
Electronic circuit:	FR4 with protective casing and terminal strip integrated in plastic material V0 self-extinguishing.

TECHNICAL SPECIFICATIONS

Starting pressure:	Model F15: 1,5 bar Model R : 1,5 to 2,5 bar
Maximum pressure:	10 bar
Connection threads:	R1”
Operating temperature:	0-60ºC
Protection degree:	IP 65
Nominal voltage:	1~220-240V
Frequency:	50/60 Hz.
Maximum intensity:	10 (6)A
Maximum flow:	10 m^3/hour (find attached pressure loss graphic)
Net weight:	0,719 Kg. (basic model)

PRESSURE LOSS



DIMENSIONS

