



Made in Italy

PRESSCONTROL

DEVICE FOR CONTROL AND PROTECTION OF THE PUMP

Starts and stops the pump depending on opening and closing of the taps.

Stops the pump in case of a water shortage and protects it from dry running.

Can be installed on surface and submersible pumps.

No need for an expansion tank, check valve, filter or fittings.

Maintenance free.

MODELS AND TECHNICAL FEATURES

	PRESSCONTROL	PRESSCONTROL R	PRESSCONTROL UP	PRESSCONTROL UP R
Single-phase mains voltage	230 Vac	230 Vac	115/230 Vac	115/230 Vac
Acceptable voltage fluctuation	+/- 10%	+/- 10%	+/- 10%	+/- 10%
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Current max.	10 A	10 A	10 A	10 A
Power max at 115V	—	—	0,75 kW (1 HP)	0,75 kW (1 HP)
Power max at 230V	1,5 kW (2 HP)	1,5 kW (2 HP)	1,5 kW (2 HP)	1,5 kW (2 HP)
Protection degree	IP 65	IP 65	IP 65	IP 65
Operating pressure max.	12 bar	12 bar	12 bar	12 bar
Operating temperature max.	65 °C	65 °C	65 °C	65 °C
Minimum flow	~1 l/min	~1 l/min	~1 l/min	~1 l/min
Male connections	Gc 1"	Gc 1"	Gc 1"	Gc 1"

CONTROL PANEL

SIGNALING OF THE WORKING PHASES AND ANOMALIES

	POWER ON	Green led on	Device energized
	PUMP ON	Yellow led on	Pump running
	FAILURE	Red led on	Water shortage
	RESTART	Button	Reset after failure

INSTALLATION AND STARTUP

The device can be installed directly on the pump or between the pump and the first tap.

Make all the electrical connections, check that the pump is correctly primed, open a tap and energize.

From now on, the device will turn the pump on and off depending on the opening and closing of the tap.

In case of water shortage, the device will stop the pump and protect it from dry running (red "Failure" led on).

In case of a temporary blackout, the device will automatically rearm once the electricity returns.



SELECTION OF THE DEVICE WITH THE CORRECT RESTART VALUE

Refer to the following table to choose the device with the correct restart value suitable to the characteristics of the system.

Standard restart value is 1,5 bar. On request, restart values different from the standard are available as indicated in the table.

RESTART PRESSURE	1,2 bar	1,5 bar	2,2 bar	3 bar	4 bar
FLOORS NUMBER	4	5	7	10	13
BUILDING HEIGHT (H)	12 mt	15 mt	22 mt	30 mt	40 mt
MAX PUMP PRESSURE	min 2,5 bar	min 3 bar	min 3,5 bar	min 4,5 bar	min 5,5 bar

PRESSCONTROL UP

It is different from the Presscontrol because it can be powered with both 115 Vac and 230 Vac and is equipped with automatic rearms and anti-jamming function.

AUTOMATIC RESTARTS

In case of stopping due to a water shortage, the device will automatically make 10 double attempts to rearm over the 24 hours following the failure, each lasting approximately 5 seconds to allow the pump and the system to reload if possible.

ANTI-JAMMING FUNCTION

The user can try to rearm the device at any time by pressing the Restart button.

If for any reason the pump remains idle for 24 consecutive hours, the device will start the pump for about 5 seconds.

PRESSCONTROL R

It is different technically and aesthetically from the Presscontrol only in the modified hydraulic part to allow the restart value adjustment.

It is therefore possible to combine the restart regulation function also to the Presscontrol UP.

SETTING THE RESTART VALUE

Set the desired restart value by turning the screw on the back of the unit. Turn clockwise to increase restart pressure value and counter clockwise to decrease restart pressure value (see fig. 1).

For a correct regulation of the restart value, follow the table below.

RESTART PRESSURE	1,5 bar	2 bar	2,5 bar	3 bar
FLOORS NUMBER	5	6	8	10
BUILDING HEIGHT (H)	15 mt	20 mt	25 mt	30 mt
MAX PUMP PRESSURE	min 3 bar	min 3,5 bar	min 4 bar	min 4,5 bar



FIG.1

OPTIONALS

- GasOil version - suitable for use with petroleum and some chemicals.