

Made in Italy

PRESSCONTROL

PRESSURE FLOW SWITCH

Starts and stops the pump depending on opening and closing of the outlets.
Stops the pump in case of 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.

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

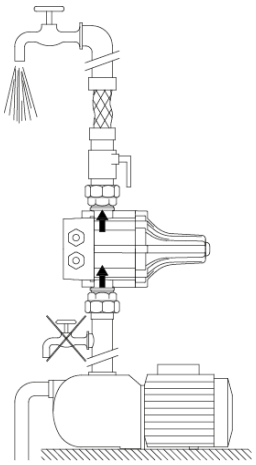
INSTALLATION AND START-UP

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

Make all the electrical connections 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 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 differs from Presscontrol because it can be powered at both 115 Vac and 230 Vac and is equipped with automatic reset 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.
The user can try to rearm the device at any time by pressing the Restart button.

ANTI-JAMMING FUNCTION

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 differs from the Presscontrol in the hydraulic part, modified to allow the adjustment of the restart value.
The restart adjustment function can also be combined with 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 counterclockwise 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 other chemicals.
- AdBlue version - suitable for use with AdBlue.