



U3-70/3 & PC-10



U3-70/3 & Logicpress

Our standard water pressure system comprises of a Pentax pump, (model U3-70/3), with either a PC-10 controller, or a Trevi “Logicpress” controller. Both combinations provide customers with a reliable solution in domestic, commercial, agricultural, or industrial applications.

TECHNICAL CHARACTERISTICS

Pentax U3-70/3 & U3-100/5

Stainless steel, multistage horizontal pumps. Pumping of clean, non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; heating and air-conditioning; washing system.

CONSTRUCTION FEATURES	
Pump body	Stainless Steel AISI304
Motor bracket	Aluminium
Impeller	Noryl
Mechanical Seal	Ceramic Graphite
Motor Shaft	Stainless Steel AISI303
Liquid Temperature	-5 ÷ +35°C
Operating Pressure	Max. 3 bar
MOTOR	
2-pole induction motor	3~ 230/400V-50Hz 1~ 230V-50Hz With thermal protection up to 1.85kW
Insulation Class	F
Protection Degree	IP44

Performance Table:

Type		P2		P1 (kW)		Ampere		Q (m³/h – l/min)						
1-phase	3-phase	HP	kW	1~	3~	1 X 230V 50Hz	3 X 400V 50Hz	0	0.6	1.2	1.8	2.4	3.6	4.8
								0	10	20	30	40	60	80
U3-70/3	U3-70/3 T	0.7	0.51	0.65	0.63	2.9	1.2	30	27.9	25.4	23	20.3	14	6.7
U3-100/5	U3-100/5 T	1	0.75	1.06	1.01	4.8	1.9	52.2	48.9	45.1	40.8	36	25.4	14



ISO 9001
Cert. No. QS.1.09.018

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PC-10 CONTROLLER

1. Rated Voltage: 220V-240V
2. Max. Current: 10A
3. Frequency: 50-60HZ
4. Max. Power: 1.1 and 1.5 kW
5. Joint Screw: 1"
6. Protection Grade: IP65
7. Starting Pressure to choose: 1.5bar or 2.2bar
8. Applications: Device for automatic control of electric pumps serving waterworks.
9. Features: The water pump automatic controller is intelligent electric. It can recognize the data which is checked from the water source; pipes' quantum and variety pressure, and it starts and stops the pump. It replaces the traditional system, which is made up of tank, switch, and protective device, without water check valve and four ways .The control case, which makes the electric parts separated from the pipe, make the controller self-secure, something that cannot be compared to the traditional system.



TREVI LOGICPRESS CONTROLLER

It can be energized with either 115V_{AC} or 230V_{AC}. It starts and stops the pump depending on opening and closing of the taps. It stops the pump in case of a water shortage and protects it against dry running.

It is equipped with automatic restart in case of failure and anti-jamming function. It can be installed on surface and submersible pumps. No need for expansion tank, check valve, filter or fittings. It is also maintenance free.

If for any reason the pump remains idle for 24 consecutive hours, the device will carry out a start-up of the pump motor for about 5 seconds.

TECHNICAL FEATURES	
Single-phase mains voltage	115/230 V _{AC}
Acceptable voltage fluctuation	± 10%
Frequency	50 Hz
Maximum Current	10A
Maximum Power	0.75kW (1HP) – 1.5kW (2HP)
Protection Degree	IP65
Maximum operating pressure	12 bar
Maximum operating temperature	65°C
Minimum flow	1 l/min
Male connections	Gc 1"



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