AUTOCON Intelligent Pumps

Saving Water for Mankind

World Class Pumping Controls

The Best Colaboration Of Electrical, Hydraulics & Electronics Concept

Pumps Panels Controllers

No Overflow, Automatic ON/OFF Technology Inbuilt

Products Catalogue

- ✓ Intelligent Monoblock Pumps.
- ✓ Intelligent Submersible Pumps.
- ✓ Intelligent Pressure Booster Pumps.
- ✓ Intelligent Control Panels.
- ✓ Water Level Controllers.



We Care about Water & Your Lifestyle



Toll Free: 1800 270 0890

Since-2002

Visit us: www.autoconpumps.com



MINI & SHALLOW WELL JET PUMPS



Intelligent Pressure Booster Pump

TECHNICAL SPECIFICATION

Head : Upto 36 Meters
Capacity : Upto 4400 lph

Power Ratings : 0.37 KW to 0.75 KW (0.5 HP to 1 HP)

Voltage Range : 180 Volts to 220 Volts

Insulation : B Class MATERIAL OF CONSTRUCTION

Impeller : Forge Brass for Mini Pumps and

Noryl for Shallow Well Jet Pumps.

Delivery Casing : Cast Iron
Motor Body : Alluminium
Pump Shaft : Stainless Steel

APPLICATIONS

- * Water supply for Bunglows, Apartments and Hotels from reservoir for Mini, and from reservoir and bore well both for Shallow Well Jet pumps.
- * Farmhouse fountains, sumps and water tanks.
- * Gardening and small irrigation.
- * Car washing.
- * Lawn sprinklers.



Intelligent
Shallow Well Jet Pump

FEATURES

* HIGH SUCTION LIFT

Those pumps have suction lift, for Mini Pumps this is upto 6 meters & for Shallow Well Jet Pumps this is upto 9 meters head, Discharge of pump is high volume for variety of applications.

* HIGH QUALITY ALUMINIUM MOTOR BODY

Special grade aluminium motor body provide high resistance to corrosion, better heat dissipation and lower its overall weight for great portability.

* TOP-THERMAL OVERLOAD PROTECTOR

The pumpset features a thermal overload protector that protects the motor from overloading, shielding the motor and associated circuit from the effects of fault current.

* INTELLIGECT AUTOMATION CIRCUIT WITH SENSOR INBUILT

The pumpset features an unique intelligent electronic maintenance free automation circuit with sensor inbuilt. This electronic system start the pump when water level drop below a preset level and stop the pump before overflow of water from overhead tank. It also stop the pump when water level drop below a preset level in under grounr reservoir also.

* HANDLE TO ENHANCE GRIP AND PORTABILITY

A handle attached to the pump allows user to carry the pump anyehere, adding to its portability and convenience to use.

* EASY MAINTAINABLE DESIGN

Easy maintainable design and better interchangeability of components so that pump can be serviced even at remote location by semi skilled technicians.

* SHIELDED BALL BEARINGS

The pumps are fitted with top quality shielded ball bearings so no external lubrication required for a long time and low noise level.

* HIGH EFFICIENCY AND ENERGY SAVING DESIGN

Innovative design manufactured at state of art plant, delivers optimun efficiency at lower energy consumption resulting a significant cost savings.

* DYNAMICALLY BALANCED ROTATING PARTS

Minimun vibrations protect components from damages during the operations, consistent performance as concentricity is maintained.





Intelligent Mini Pump

BORE WELL & OPEN WELL SUBMERSIBLE PUMPS



FEATURES

* WIDE VOLTAGE RANGE

The motor is design to wide voltage range from 150 Volts to 230 Volts and reduces motor burning in low voltage.

*DESIGN TO PREVENT OVERELOADING

Lesser chances of motor burning as the motor did not get overload even the pump is operated at a head in between duty points (recommended in performance chart).

* HIGH EFFICIENCY AND ENERGY SAVING DESIGN

Innovative design manufactured at state of art plant, delivers optimun efficiency and lower energy consumption resulting in significant cost savings.

* DYNAMICALLY BALANCED ROTATING PARTS

Minimun vibrations protect components from damages during the operations, consistent performance as concentricity is maintained.

* LONGER AND TROUBLE FREE LIFE

High grade engineering materials like graded cast iron components, stainless steel shaft, glass fill noryl impellers and diffusers, bronze bushes, heavy duty carbon + SS thrust plate, 99.9% copper rotor and winding wires for longer and trouble free life.

* ADVANCED WATER COOLED MOTOR DESIGNS

The motor have to filled fully with clear water, protects from overheating and facilitates smoother and trouble free operation for years.

* EASY MAINTAINABLE DESIGN

Easy maintainable design and better interchangeability of components so that pump can be serviced even at remote locations by semi skilled technicians.







* TECHNICAL SPECIFICATION

Head Range : Upto 55 Meters
Discharge Range : Upto 12000 lph

Power Ratings : 0.75 KW to 1.5 KW (1 HP to 2 HP)

Voltage Range : 150 Volts to 230 Volts

Type of Cooling : Water Filled
Protection : IP 68
Insulation : B Class

Thrust Bearing : Carbon + Stainless Steel

* MATERIAL OF CONSTRUCTION

Pump Housing : Stainless Steel
Pump Shaft : Stainless Steel
Motor Housing : Stainless steel
Motor Shaft : Stainless Steel

Thrust Bearing : Carbon + Stainless Steel
Motor and Pump Bushes : Bronze and Rubber
Impeller : Glassfill Noryl
Diffuser : Glassfill Noryl

Suction and Delivery Housing: Cast Iron

* APPLICATION

Domestic and community water supply.

Rural water supply.

Gardening and small irrigation.

Construction Site.

Water supply for highrise buildings.





Performances of AUTOCON Pumps

MONOBLOCKS

		•																		
SL NO.	TYPE	PUMP MODEL	POWER	POWER RATING	PIPE	SIZE	RATED	AMP MAX.					7	тац н	EAD IN	TOTAL HEAD IN METERS	RS			
			KW	НР	SUC	DEL					9	12	118	20	24	28	30	34	38	44
1	MONOBLOCK	AIM-50	28'0	6.5	25	25	220 V	2 AMP			2060	1650	1330	1000	810	009	490			
2	MONOBLOCK	AIM-100	0.75	1	25	25	220 V	3 AMP		DISCHARHE	2600	2300	1800	1600	1300	1000	006	200	300	
3	MONOBLOCK	AIM-1005	0.75	1	25	25	220 V	3 AMP		N	2500	2200	1700	1500	1100	900	009	300		
4	SHALLOW WELL	AISW-5	0.37	6.5	25	25	220 V	4 AMP		Н	3820	3430	2720	2300	1570	920	009			
5	SHALLOW WELL	AISW-10	0.75	1	25	25	220 V	5 AMP			4400	4100	4000	3600	2700	2200	1600	009	300	
9	SHALLOW WELL	AISW-15	1.1	1.5	25	25	220 V	6 AMP			3320	3250	3200	3120	3030	2930	2480 1	1840	1240	410
		BORE WELL & OPEN WELL SUBMERSIBLES	OPE	N WELL	SUB	MERSI	BLES		BORE		9	10	115	20	25	30	35	40	20	09
7	BORE WELL 3"	H20310	0.75	1	#	32	230 V	6 AMP	3" CM		5400	5100	4500	3900	3300	2400	200	Г	Г	
8	BORE WELL 3"	SUPER 312	0.75	1	#	32	230 V	6 AMP	3" CM		2800	2500	2000	4500	3500	2500	006			
6	BORE WELL 3"	TURBO 312	0.75	1	#	32	230 V	7 AMP	3" CM		0059	6100	2500	2000	4200	3500	2800 1	1500		
10	BORE WELL 3"	TURBO 318	92'0	1	#	21	230	6 AMP			4000	3800	3600	3400	3200	3000	2850 2	2520	2100	1500
11	BORE WELL 3"	TURBO 1.5/3/16	1.1	1.5	#	32	230 V	6 AMP	3" CM	DISCHARGE	0059	9300	2900	2500	2000	4500	3700 3	3300	1000	
											9	10	15	20	25	30	35	40	45	20
12	BORE WELL 4"	TURBO 410/8	0.75	1	#	40	230 V	7 AMP	4" CM	NI	7500	7000	0009	5400	4800	3700	3300 2	2400	r	
13	BORE WELL 4"	TURBO 415/8	1.1	1.5	#	20	230 V	11 AMP	4" CM	НЬП	10500	10200	9300	8500	0089	5700	4800 3	3600		
14	BORE WELL 4"	TURBO 415/10	1.1	1.5	#	20	230 V	11 amp	4" cm		10200	10000	0006	8400	2700	7200 6	9009	5400	4800	3600
15	BORE WELL 4"	TURBO 420/8	1.5	2	#	20	230 V	14 AMP	4" CM			12000	11100	0096	8700	7200 6	6000 4	4800		
16	BORE WELL 4"	TURBO 420/10	1.5	2	#	20	230 V	14 AMP	4" CM				10200	8700	8400	7200 6	9099	5700	4800	3600
17	OPEN WELL	AI05 0525	0.37	0.5			230 V	6 AMP				7950	6800	4600	1400	П			П	
18	OPEN WELL	AI0S 135	0.75	1	32	25	230 V	8 AMP	#			10800	7800	6300	4600	2000	1200			
19	OPEN WELL	AIMS-3 HD-75	1.1	1.5	#	32	230 V	8 AMP	#			7060	6535	5830	5173	4700 4	4070	3335 2	2520 1	1765
1																				

** ALL THE PUMPS ARE FITTED WITH INBUILT AUTOMATIC PUMP CONTROLLER & OVERLOAD TRIPPER.

** PERFORMANCES ARE NOTED DURING LOAD VOLTAGE IS 220 VOLTS WITH IDEAL TEST BED CONDITIONS.

** THIS COLOUR BOXES SHOWS THE DUTY POINT PERFORMANCES OF THE PUMPS.



WATER LEVEL CONTROLLER-PREMIUM SERIES



WHY IT IS NECESSARY

- # In current situation "Drinking Water" is very precious. We have to manage, how we reduce" Wastage of Drinking Water"
- # Today "Electricity" is very much costly. We have to reduce "Electricity Bill"
- # We have to save wastage of our "Money"
- # We have to increase our "Valuable Time"

HOW WE CAN DO THIS

We can do all these by using "AUTOCON" brand "Water Level Controller"

HOW IT WORKS

- ** It "Start" the pump automatically when "Under Ground Reservoir" is full of water and Over Head Tank" become empty(pre-determined level).
- ** It "Stop" the pump automatically when "Under Ground Reservoir" become empty or "Over Head Tank" become full(pre-determined level).
- ** In case of Bore Well pumps, "Under Ground Reservoir" option can be BYPASS.

FEATURES

- *It ON and OFF the pump fully automatically, No Man Power Needed.
- * It save consumers from "Wastage of Water"
- * It save consumers from unnecessary rise of "Electricity Bill" by stopping overflow of water from
- "Over Head Tank".
- * It save Money and Valuable Manpower.
- * It has Maintenance free Sensors.
- * Automatic and Manual mode available.

APPLICATION

In Residencial Houses, Flat Buildings, Bunglows.



WATER LEVEL CONTROLLER - REGULAR SERIES

WHY IT IS NECESSARY

In current situation "Drinking Water" is very precious. We have to manage, how we reduce" Wastage of Drinking Water"

Today "Electricity" is very much costly. We have to reduce "Electricity Bill"

We have to save wastage of our "Money"

We have to increase our "Valuable Time"

HOW WE CAN DO THIS

We can do all these by using "AUTOCON" brand "Water Level Controller"

HOW IT WORKS

- ** It "Start" the pump automatically when "Under Ground Reservoir" is full of water and Over Head Tank" become empty(pre-determined level).
- ** It "Stop" the pump automatically when "Under Ground Reservoir" become empty or "Over Head Tank" become full(pre-determined level).
- ** For Bore Well Submersible pump, it give a "Starting Torque" at the time of pump start.
- ** In case of Bore Well pumps, "Under Ground Reservoir" option can be BYPASS.

FEATURES

- * It ON and OFF the pump fully automatically, No Man Power Needed.
- * It protect the Pumpset from burning due to "Low Voltage" below 160 V.
- * It save consumers from "Wastage of Water"
- * It save consumers from unnecessary rise of "Electricity Bill" by stopping overflow of water from "Over Head Tank".
- * It save Money and Valuable Manpower.
- * It has Maintenance free Sensors.
- * Automatic and Manual mode available.
- * It is available in Single Phase and Three Phase models also.

APPLICATION

In Residencial Houses, Flat Buildings, Multi Storied Buildings, Bunglows, Industries, Hotels.



WATER LEVEL CONTROLLER-ECONOMY SERIES AND EASY PUMP



WHY IT IS NECESSARY

- # In current situation "Drinking Water" is very precious. We have to manage, how we reduce
- " Wastage of Drinking Water"
- # Today "Electricity" is very much costly. We have to reduce "Electricity Bill"
- # We have to save wastage of our "Money"
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OUR VISION CEO'S SPEECH

"AUTOCON" is a brand, committed to "Save Water For Mankind", working on the best combination of Electrical, Mechanical, Hydraulics & Electronics concept for last twenty years with a Satisfactory customer level. We ensure best quality materials, latest technology, steady service and best commitments to our customers. Our aim is to make happy our customers with our best technology, unique products and prompt service. We are committed to save nature by protecting the wastage of Water by our latest technology products. Also we ensure to save Electricity, Money and Valuable Manpower. Now the time to move unitedly to save the mankind.



Anirban Ghosh CEO







Intelligent Monoblock Pumps, Intelligent Submersible Pumps,
Pressure Booster Pumps, Intelligent Control Panels, Water Level Controllers

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