



Borewell Submersibles
Single Phase Domestic Pumps
Single Phase Jet Pumps

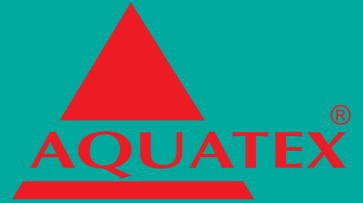


Sewage Pumps
Hydro Pneumatic Systems
Construction Dewatering Pumps
Multistage High Pressure Pumps

AQUA GROUP

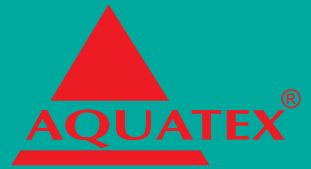
Pumps you can rely on

Domestic Pressure Boosting System ADBS Series



AQUASUB ENGINEERING

Coimbatore - 641 034



Domestic Pressure Boosting System

ADBS Series

AQUATEX Pressure Boosting Systems are state-of-the-art pumping systems to deliver water at constant pressure.

Application:

- Pressure Boosting in Households Residential Apartments, Hotels and Commercial Complex.
- Multi-jet Shower panels.
- High pressure washing.
- Lawn sprinklers and small farm irrigation.

Salient Features:

- Silent Operation and Low Vibration.
- AC Induction Motor with "F" Class Insulation suitable for continuous duty.
- Dynamically balanced rotors ensure vibration free and noiseless operation
- Impeller, Diffusers, stage casings and shaft are made up of highly corrosion resistant stainless steel.
- Superior hydraulic components results in energy efficient pump and low power consumption.
- Eliminates overhead tank where uninterrupted power supply is available.
- Easy installation.

Pressure Switch:

- Automatic ON and OFF of the system based on demand.
- Quality switches of reputed make ensures long life.



5 Way Connector:

- High quality forged brass 5 way connector makes the system compact.



Pressure Tank:

- Pressure tanks with pre charged air ensure uniform pressure and protects the motor from frequent ON and OFF during low demand condition.

Thermal Overload Protection:

- Built in Miniature thermal overload protector prevents coil from burning out due to improper line voltage.



Operating Data:

Flow rate : upto 7500 litres/hr
 Head : upto 72 m
 Water temperature : 55° C (max)
 Operating pressure : 6.5 bar (max)
 Motor rating : 0.37 kW to 1.5 kW, 1 Phase, 220 V, 50Hz
 Degree of Protection : IP54
 Class of Insulation : F Class

1 bar = 1Kg / cm² = 10 metres of water column

Model	Pump Model	Rating HP/kw	Pressure Tank Capacity (Ltrs)	Pre-charged Pressure in Pressure Tank	Pressure Switch Setting		Working Condition		Flow Rate at Max. Pressure Setting (Ltrs/hr)	Max No. of Stand. showers
					Range	Difference	Pump Cut in	Pump Cut off		
ADBS 22HS/08	AHS 02 / 03	0.5 / 0.37	8	1.0 bar	2.5 bar	1.2 bar	1.3 bar	2.5 bar	2100	3
ADBS 22HS/24	AHS 02 / 03	0.5 / 0.37	24	1.0 bar	2.5 bar	1.2 bar	1.3 bar	2.5 bar	2100	3
ADBS 32HS/24	AHS 02 / 06	1.0 / 0.75	24	2.0 bar	4.0 bar	1.5 bar	2.5 bar	4.0 bar	3000	5
ADBS 32HS/35	AHS 02 / 06	1.0 / 0.75	35	2.0 bar	4.0 bar	1.5 bar	2.5 bar	4.0 bar	3000	5
ADBS 32HS/60	AHS 02 / 06	1.0 / 0.75	60	2.0 bar	4.0 bar	1.5 bar	2.5 bar	4.0 bar	3000	5
ADBS 34HS/24	AHS 04 / 04	1.0 / 0.75	24	1.5 bar	3.0 bar	1.2 bar	1.8 bar	3.0 bar	3600	6
ADBS 34HS/35	AHS 04 / 04	1.0 / 0.75	35	1.5 bar	3.0 bar	1.2 bar	1.8 bar	3.0 bar	3600	6
ADBS 34HS/60	AHS 04 / 04	1.0 / 0.75	60	1.5 bar	3.0 bar	1.2 bar	1.8 bar	3.0 bar	3600	6
ADBS44HS/35	AHS 04 / 06	1.5 / 1.1	35	2.0 bar	4.0 bar	1.5 bar	2.5 bar	4.0 bar	4800	8

Model	Pump Model	Rating HP/kw	Pressure Tank Capacity (Ltrs)	Pre-charged Pressure in Pressure Tank	Pressure Switch Setting		Working Condition		Flow Rate at Max. Pressure Setting (Ltrs/hr)	Max No. of Stand. showers
					Range	Difference	Pump Cut in	Pump Cut off		
ADBS 44HS/60	AHS 04 / 06	1.5 / 1.1	60	2.0 bar	4.0 bar	1.5 bar	2.5 bar	4.0 bar	4800	8
ADBS 44HS/80	AHS 04 / 06	1.5 / 1.1	80	2.0 bar	4.0 bar	1.5 bar	2.5 bar	4.0 bar	4800	8
ADBS 54HS/60	AHS 04 / 08	2.0 / 1.5	60	2.0 bar	5.0 bar	1.5 bar	3.5 bar	5.0 bar	5000	8
ADBS 54HS/80	AHS 04 / 08	2.0 / 1.5	80	2.0 bar	5.0 bar	1.5 bar	3.5 bar	5.0 bar	5000	8
ADBS 54HS/100	AHS 04 / 08	2.0 / 1.5	100	2.0 bar	5.0 bar	1.5 bar	3.5 bar	5.0 bar	5000	8
ADBS 22SJ/24	TSJ 525	0.5 / 0.37	24	1.0 bar	2.5 bar	1.2 bar	1.3 bar	2.5 bar	1800	3
ADBS 22SJ/35	TSJ 525	0.5 / 0.37	35	1.0 bar	2.5 bar	1.2 bar	1.3 bar	2.5 bar	1800	3
ADBS 32SJ/24	TSJ 1025	1.0 / 0.75	24	1.8 bar	3.5 bar	1.2 bar	2.3 bar	3.5 bar	1800	3
ADBS32SJ/35	TSJ 1025	1.0 / 0.75	35	1.8 bar	3.5 bar	1.2 bar	2.3 bar	3.5 bar	1800	3

ADBS SJ - Supplied with TSJ Pumpset and ADBS HS - Supplied with Stainless Steel AHS Pumpset

Warranty - All products carry a 12 months warranty from the date of purchase against manufacturing defects

*Due to continuous efforts at improving value, information furnished above is subject to change without notice.

Manufactured **Exclusively** by:

AQUA GROUP

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AQUAPUMP INDUSTRIES

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