



Borewell Submersibles  
Single Phase Domestic Pumps  
Single Phase Jet Pumps



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



*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/ cm<sup>2</sup> = 10 metres of water column

Model	Pump Model	Rating HP/kw	Pressure Tank Capacity (Litrs)	Pre-charged Pressure in Pressure Tank	Pressure Switch Setting		Working Condition		Flow Rate at Max. Pressure Setting (Ltr/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	2.5bar	4.0 bar	3000	5
ADBS 32HS/60	AHS 02 / 06	1.0 / 0.75	60	2.0 bar	4.0 bar	1.5bar	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	3.0bar	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	1.8bar	3.0 bar	3600	6
ADBS44HS/35	AHS 04 / 06	1.5 / 1.1	35	2.0 bar	4.0 bar	1.5 bar	2.5bar	4.0 bar	4800	8

Model	Pump Model	Rating HP/kw	Pressure Tank Capacity (Litrs)	Pre-charged Pressure in Pressure Tank	Pressure Switch Setting		Working Condition		Flow Rate at Max. Pressure Setting (Ltr/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	2.0bar	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	4.0bar	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	1.5bar	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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