



Borewell Submersibles
Single Phase Domestic Pumps
Single Phase Openwell Pumps
Single Phase Jet Pumps



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

AQUA GROUP

Pumps you can rely on

ADBS SERIES **AQUATEX** Domestic Pressure Boosting System



AQUASUB ENGINEERING
COIMBATORE - 641034

ADBS SERIES

Domestic Pressure Boosting System



FEATURES

- ✓ Silent Operation and Low Vibration.
- ✓ Class 'F' Motor Insulation
- ✓ Impellers, diffusers, stage casings and shaft are made of corrosion resistant stainless steel.
- ✓ Superior Hydraulic components improve efficiency.
- ✓ Comes with Pre-assembled accessories and Pre-set pressure switch from the factory for easy installation.
- ✓ "Y" strainer prevents foreign particles from entering into the pump.
- ✓ 3 pin power cord with 3m cable provided to connect and run easily.

Pressure Switch

- ✓ The Pump is turned ON and OFF based on demand.
- ✓ A set pressure band ensures pressurized water is available from the instant you open the tap.
- ✓ High quality pressure switches for long life.

5 Way Connector

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

Thermal Overload Protection

- ✓ Built-in thermal overload protector to prevent winding burnout.

Control Panel

- ✓ Compact and Rigid Enclosure
- ✓ Heavy Duty Power Relays for Actuation.
- ✓ Miniature Circuit Breaker.
- ✓ Power ON and TRIP Indicators
- ✓ Dry Run protection using Rugged Ball Float Switch Provided
- ✓ Controlled Voltage enhances the life of Pressure Switch & Float Switch.

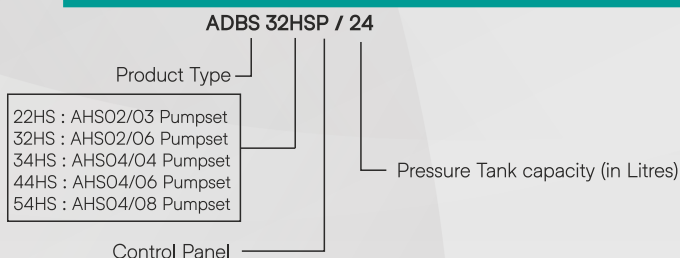
OPERATION DATA

- ◆ **Power Range** 0.5HP to 2HP, Single Phase, 220V, 50Hz
- ◆ **Discharge range** Upto 13.2 m³/hr
- ◆ **Head range** Upto 72 m
- ◆ **Water temperature** Max. 90°C for HS Series
Max. 40°C for HN Series
- ◆ **Operating pressure** Max. 6.5 bar
- ◆ **Degree of Protection** IP 54

APPLICATIONS

- ✓ Pressure boosting in households, residential apartments, hotels and commercial complex.
- ✓ Multi-jet shower panel.
- ✓ High Pressure Washing
- ✓ Lawn sprinklers and small farm irrigation

PRODUCT IDENTIFICATION



PRODUCT DATA

(NOTE: *HN SERIES NOT TO BE USED FOR HOT WATER APPLICATION)

Model	Pump Model	Power Rating (kW / HP)	Pressure Tank Capacity (Ltrs)	Pre-charged Pressure in Pressure Tank (bar)	Pressure Switch Setting (bar)		Working Condition (bar)		Flow Rate (Ltrs/hr)	Showers
					Range	Difference	Pump Cut-in	Pump Cut-off		
ADBS HS Series										
ADBS 22HS/24	AHS 02 / 03	0.37 / 0.5	24	1	2.5	1.2	1.3	2.5	2100	3
ADBS 32HS/24	AHS 02 / 06	0.75 / 1.0	24	2	4	1.5	2.5	4	3000	5
ADBS 32HS/35	AHS 02 / 06	0.75 / 1.0	35	2	4	1.5	2.5	4	3000	5
ADBS 32HS/60	AHS 02 / 06	0.75 / 1.0	60	2	4	1.5	2.5	4	3000	5
ADBS 34HS/24	AHS 04 / 04	0.75 / 1.0	24	1.5	3	1.2	1.8	3	3600	6
ADBS 34HS/35	AHS 04 / 04	0.75 / 1.0	35	1.5	3	1.2	1.8	3	3600	6
ADBS 34HS/60	AHS 04 / 04	0.75 / 1.0	60	1.5	3	1.2	1.8	3	3600	6
ADBS 44HS/35	AHS 04 / 06	1.5 / 2.0	35	2	4	1.5	2.5	4	4800	8
ADBS 44HS/60	AHS 04 / 06	1.5 / 2.0	60	2	4	1.5	2.5	4	4800	8
ADBS 44HS/80	AHS 04 / 06	1.5 / 2.0	80	2	4	1.5	2.5	4	4800	8

Model	Pump Model	Power Rating (kW / HP)	Pressure Tank Capacity (Ltrs)	Pre-charged Pressure in Pressure Tank (bar)	Pressure Switch Setting (bar)		Working Condition (bar)		Flow Rate (Ltrs/hr)	Showers
					Range	Difference	Pump Cut-in	Pump Cut-off		
ADBS 54HS/60	AHS 04 / 08	1.5 / 2.0	60	2	5	1.5	3.5	5	5000	8
ADBS 54HS/80	AHS 04 / 08	1.5 / 2.0	80	2	5	1.5	3.5	5	5000	8
ADBS 54HS/100	AHS 04 / 08	1.5 / 2.0	100	2	5	1.5	3.5	5	5000	8
ADBS 510HSP/100	AHS 10 / 05	1.5 / 2.0	100	2	4	2.5	2.2	3.5	9000	10
ADBS HN Series										
ADBS 22HN/24	AHS 2A / 03	0.37 / 0.5	24	1.3	2.5	1	1.5	2.5	1800	3
ADBS 22HN/35	AHS 2A / 03	0.37 / 0.5	35	1.3	2.5	1	1.5	2.5	1800	3
ADBS T2HN/24	AHS 2A / 04	0.55 / 0.75	24	1.8	3.5	1	2.5	3.5	1800	3
ADBS T2HN/35	AHS 2A / 04	0.55 / 0.75	35	1.8	3.5	1	2.5	3.5	1800	3
ADBS 32HN/24	AHS 2A / 05	0.75 / 1.0	24	2	3.5	1	2.5	3.5	1800	3
ADBS 32HN/35	AHS 2A / 05	0.75 / 1.0	35	2.1	3.5	1	2.5	3.5	1800	3

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

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

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