Domestic Pressure Boosting System
ADBS Series

AQUASUB ENGINEERING
Coimbatore - 641034
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 = 1Kgf/cm² = 10 metres of water column

<table>
<thead>
<tr>
<th>Model</th>
<th>Pump Type</th>
<th>Rating HP/kw</th>
<th>Pressure Tank Capacity (Litres)</th>
<th>Min &amp; Max Pressure Setting (bar)</th>
<th>Flow Rate at Maximum Pressure Setting (Litres/hr)</th>
<th>Maximum Number of standard Showers</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADBS 22 SJ/24</td>
<td>TSJ 525 F</td>
<td>0.5/0.37</td>
<td>24</td>
<td>1.5 to 3.0</td>
<td>1300</td>
<td>3</td>
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<tr>
<td>ADBS 22 SJ/35</td>
<td>TSJ 525 F</td>
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<td>35</td>
<td>1.5 to 2.5</td>
<td>2000</td>
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<tr>
<td>ADBS 32 SJ/24</td>
<td>TSJ 1025 F</td>
<td>1.0/0.75</td>
<td>24</td>
<td>2.0 to 3.5</td>
<td>2000</td>
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<td>ADBS 32 SJ/35</td>
<td>AHS 04/04</td>
<td>1.0/0.75</td>
<td>35</td>
<td>2.0 to 3.5</td>
<td>2500</td>
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<tr>
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<td>AHS 04/04</td>
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<td>2.0 to 3.5</td>
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<tr>
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<tr>
<td>ADBS 44 HS/35</td>
<td>AHS 04/04</td>
<td>1.5/1.1</td>
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<td>3.5 to 5.0</td>
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<tr>
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<tr>
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</table>

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.*