

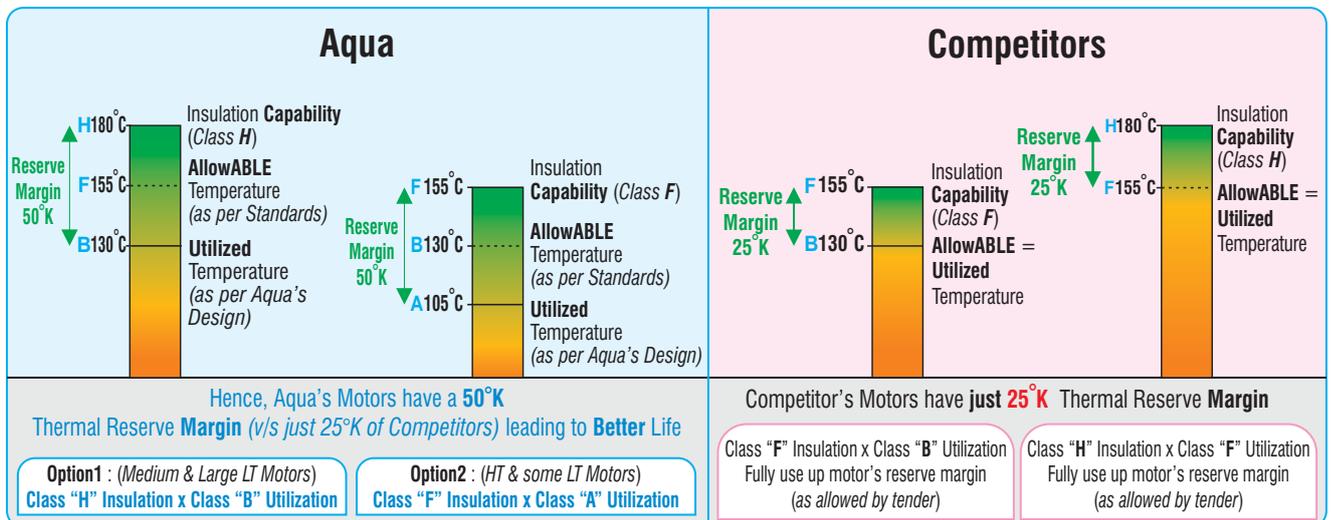
Q: *Why are Aqua's pumps Costlier than Competitors. . . . ?*

A: *The original Submersible/ Submerged pumpset concept came from Europe, but due to much harsher Indian operating conditions; Aqua's Engineers have substantially Upgraded (with unavoidable increase in material costs) our pumps.*

1. Higher Motor Thermal Reserve Margin

1.1: In Motors, for every **10°C Drop** in Temperature; the useful **Life** of (*motor's Insulation*) is **Doubled** - hence with a **50°C Reserve Margin** (v/s just 25°C of our Competitors); Aqua's motor's will have a **6 times** Higher Life & also improves protection against Failures outlined below (*than competitors*)

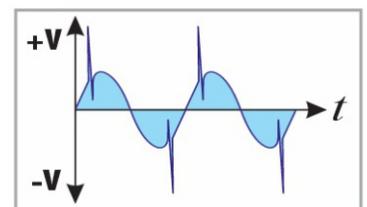
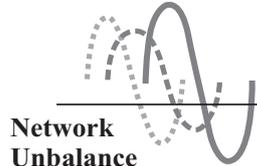
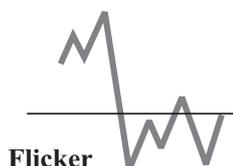
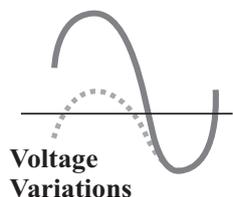
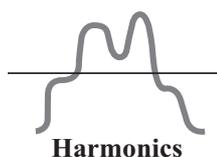
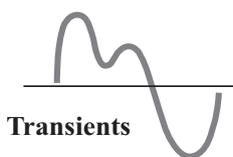
1.2: To achieve this 50°C Reserve Margin; Aqua's Motors use **more Active Raw Material** (*Copper, Electrical Iron, etc*) than our Competitors (*which inevitably increases our Input Cost*).



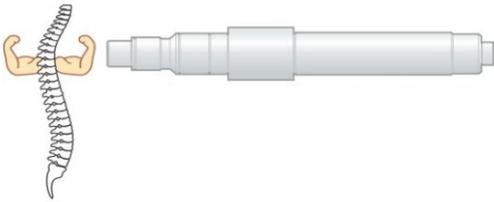
2. World's Best, Premium Motor Insulation



Insulation is based on "Power House" type treatment (*Mica based; Dual Vacuum Pressure Resin Impregnation (VPI)*) technology for Superb **Di-Electric Strength** due to use of costlier **Resin** (v/s cheaper *Varnish* used by most Competitors). Hence, Aqua's Motor easily tolerates :



Tolerates Power Spikes & Surges



3. Oversized Robust Shaft:

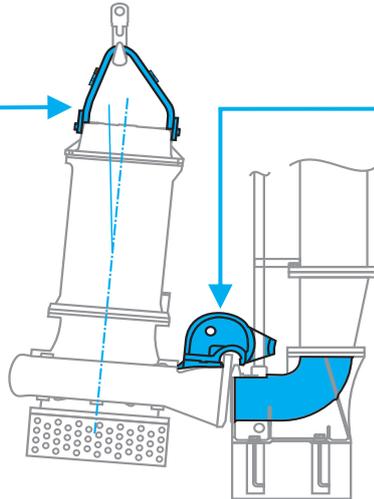
Pump Clogging can even cause catastrophic Shaft Shearing - thanks to **Costly Oversizing**, Aqua's Shafts are Fail Safe & **Guaranteed for Life**.

4. All wetted Fasteners are exclusively of Stainless Steel



5. Lifting HANDLE

Aqua's (*Volute*) pumps are provided with Costly Stainless Steel **Lifting HANDLE** which is Extremely Useful for "Fishing out" the pump even if it is under water & not visible (*instead of cheaper Chain provided by most Competitors*).



6. Auto-Coupling's Bracket have to withstand heavy Cantilever loads & hence is made from Costly Ductile Iron for added Toughness & Resistance to Cracking (*as opposed to ordinary Cast Iron used by Competitors*).



7. Specially Designed for Ease of Local Repairs

As opposed to Competitors, the Basic Assembly Philosophy of our Pumpsets is purposely kept **Simple** with Fool Proofed Components - even though this increases our Machining (*Input*) Cost; it is simpler & easier for Local Repairers (*as opposed to Compact & Complex designs of Competitors*).

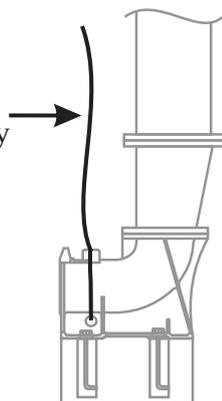
8. Thanks to Oversized Bearings & Mechanical Seals; Premium Ultra Long Life Greases, etc; Aqua's pumpsets have Typical Service Intervals which are atleast **33% Longer** (*than Competitors*).



9. In our (*Medium & Large*) pumps, we are providing (*by default*) **ADDITIONAL Inbuilt Protections** like **Stator Body Water Leakage Detector & Cable Connection Chamber Water Leakage Detector**.

10. Auto Coupling Guide Pipe v/s Guide Wires

Competitor's
Cheap & Flimsy
Guide Wires



Aqua's
Robust
Guide Pipes

