

EVEREST NAMWON TURBO BLOWERS FOR ENHANCING AERATION EFFICIENCY IN WASTEWATER & SEWAGE TREATMENT PLANTS

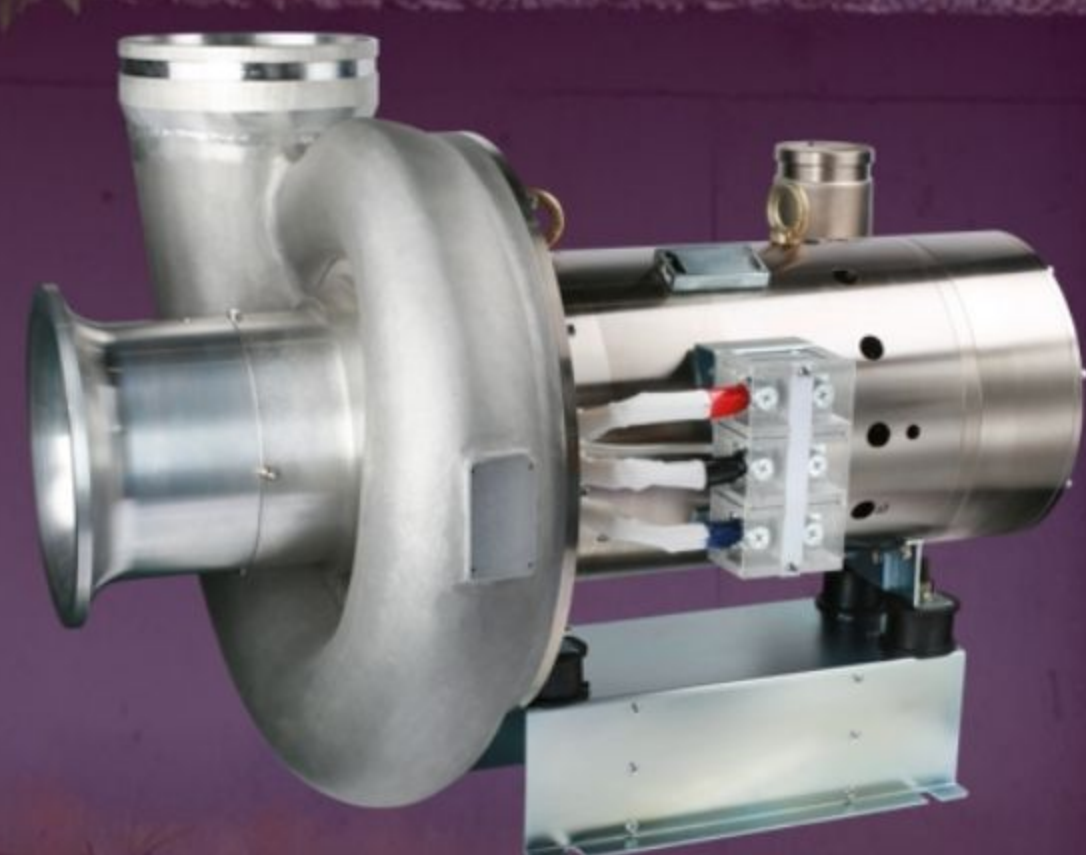
In Conventional Sewage/Wastewater plants, millions of bacteria feed on organic waste, breaking it up into carbon dioxide, nitrogen and water. The Bacteria needs oxygen and substantial quantity of air is blown into the aeration tanks. The aeration system accounts for up to 60 to 75% of the energy usage in a typical Sewage/Wastewater treatment plant. Everest Turbo offers the most optimal solutions and sizing for all aeration applications in sewage/wastewater treatment plants.

EVEREST NAMWON Air Foil Bearing Turbo Blowers (Centrifugal Blower Technology) are VFD driven and reduce the energy consumption by 35 to 40% as compared to other blower technologies. The blowers are 100% Oil Free, require minimal maintenance, and hence have lower operating costs. The Total Life Cycle cost is also much lower owing to the low energy consumption.

We offer the following value to our Waste Water Treatment clients:

- Energy efficient and consume 35-40% less electricity than a traditional air blower.
- Microprocessor based control system controller for easy monitoring and controlling.
- Permanent Magnetic Motor with up to 95% efficiency compared to standard induction motor.
- No bearing maintenance.
- 100% Machine availability as no consumables like Oil or others (except Air Filter).
- Variable Speed Drive a standard for further energy savings on part load operation.
- Direct drive ensuring efficient power transmission.
- Low Noise Level.

35-45 % ENERGY SAVINGS OVER CONVENTIONAL BLOWERS



- 100% OIL FREE
- LOW NOISE
- SMALL FOOT PRINT
- ZERO MAINTENANCE
- CALL: +91- 7419990121