

Vertical Multi-Stage Centrifugal Pumps

Application Limits

- » Medium temperature:
 - Normal type: 0°C~68°C • Hot water type: 0°C~120°C
- » Ambient temperature: +40°C
- » Max ambient pressure: 1.0MPa
- » Advisable to use motor of higher power in case that the density or viscosity of medium is above that of water
- » pH: 5 to 8
- » Maximum head : 280m
- » Maximum flow : 110m³/h



Horizontal Multi-Stage Centrifugal Pumps

Application Limits

- » Temperature range of medium:
 - Normal type: 0°C+68°C • Hot water type: 0°C+120°C
- » Maximum ambient temperature: +40 °C
- » Maximum working pressure: 10 bar
- » When the density or viscosity of the transmission medium exceeds that of water, it is necessary to select a driving motor of high-power
- » pH: 5 to 8



Submersible Sewage Pumps

Application Limits

- » Maximum liquid temperature +40°C
- » pH level from 4-10
- » Maximum liquid density $1.2 \times 103 \text{ kg/m}^3$
- » Power frequency is 50Hz. Nominal voltage is 220VAC for single-phase and 380VAC with tolerance of $\pm 10\%$
- » Immersion depth from 0.5m-5m
- » Maximum head :15m
- » Maximum flow :27m³/h

Advantages & Features

- » Stainless steel casing and rod bolts, beautiful, durable and stable
- » Opening impeller with good flow ability
- » The stainless steel shaft extension, carbide double sides mechanical sealing



Air Blower

Description

There are three primary uses of compressed air in all wastewater treatment applications: Aeration to supply the processing bacteria with oxygen support. Agitation to keep the solids in suspension and, a continuous, driving pump to move the material.

Aeration blowers receive a lot of attention from design engineers, suppliers, and end users. That is understandable since blowers account for more than 50 percent of the energy used in a typical wastewater treatment plant (WWTP).

