

## Low-Noise Enclosed type Cooling Tower

There is an increase number of low-noise enclosed type cooling towers are preferred in accordance to the environmental protections whereby Seagull has excellent performance in this area.

### Noise composition

- Fan noise at air outlet (low-frequency)
- Motor and gearbox noise (medium-high frequency)
- Water-spouting noise (medium-high frequency)
- Noise caused by vibration (low-frequency)
- Superimposed noise for multiple cooling towers

### Noise reduction measures

- Low noise and low speed fan with guide cylinder
- Low noise motor with silencing cover and low noise gearbox
- Noise barriers at air inlet and silence fillings at basing
- Absorber for fan, motor and gearbox vibration
- Noise barriers along the factory bound

### Result

- 10-30dB(A) noise reduction from 85dB(A) @ 1m.

