

# Oil tank vapour extractor

## Function

- To prevent the oil from leaking out of the bearing pedestals, by making a negative pressure.

## Notice

- Oil tank vapour extractor shall be operated continuously while lube oil system is operated.

Fig. 11

# Outline drawing of Oil Tank Vapour Extractor

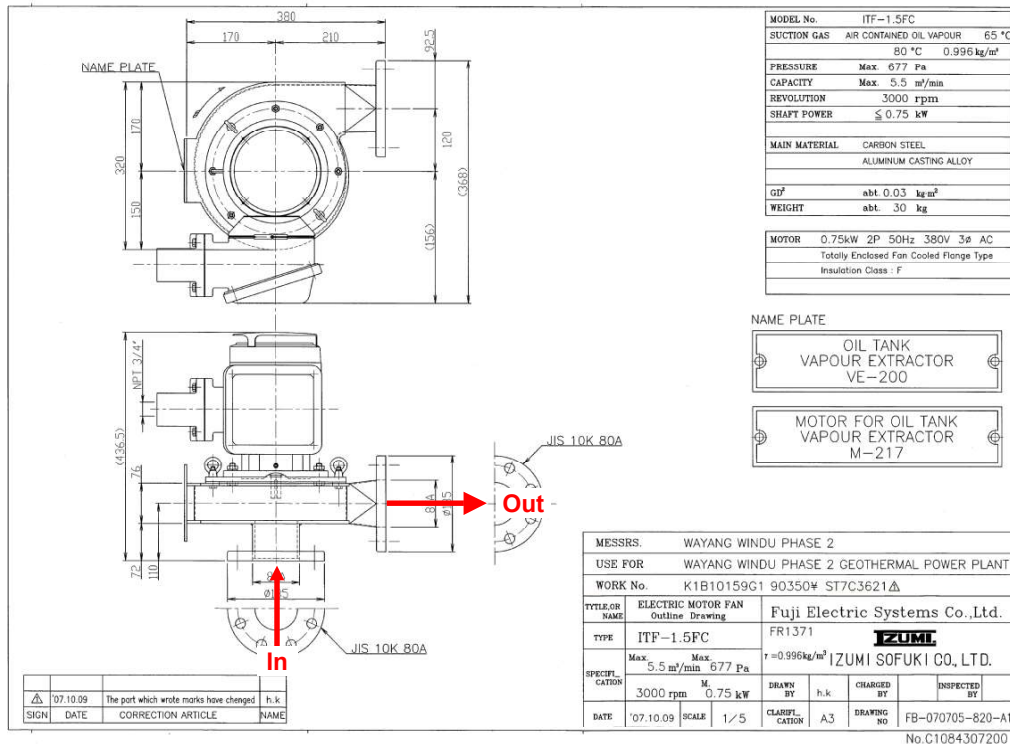


Fig. 12

## Sectional drawing of Oil Tank Vapour Extractor

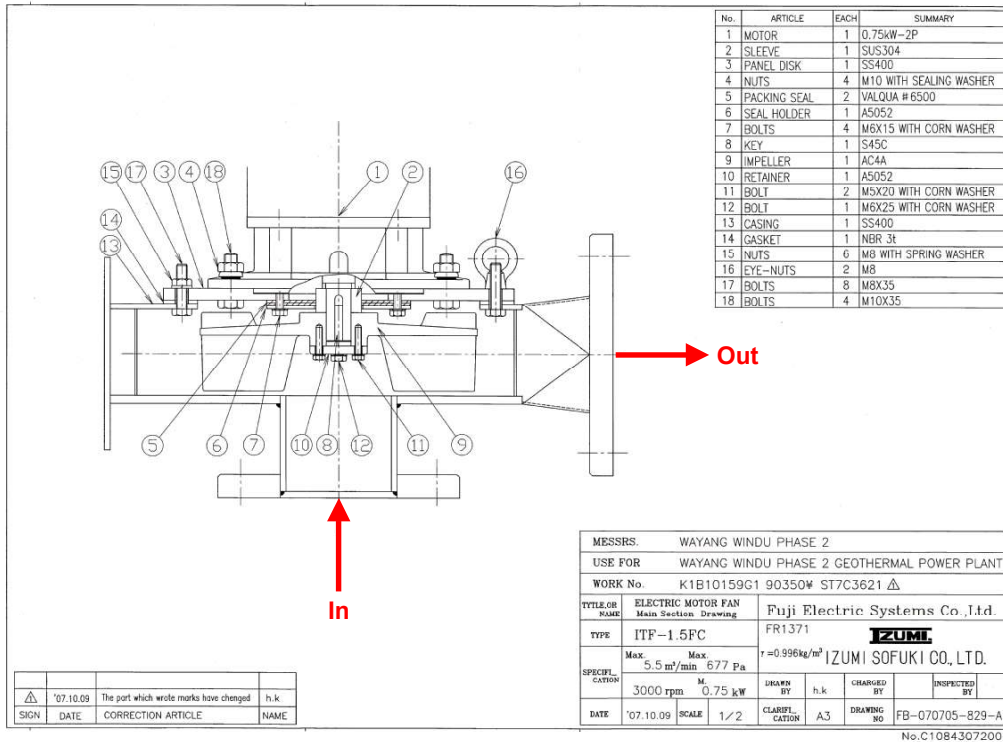


Fig. 13

## Lube Oil Cooler

### Function

- Cooling the lube oil supplied to steam turbine and generator bearings by heat with circulation closed cooling water

### Note

- Lube oil is heated by friction at each steam turbine's and generator's bearing, heat transmission from steam turbine through the bearings.
- Two 100% capacity lube oil coolers are used alternately. (One for stand-by)
- When some troubles occur on operating one, it is possible to operate continuously by changing over to the stand-by one with operating the 6-port transfer valve.

Fig. 14