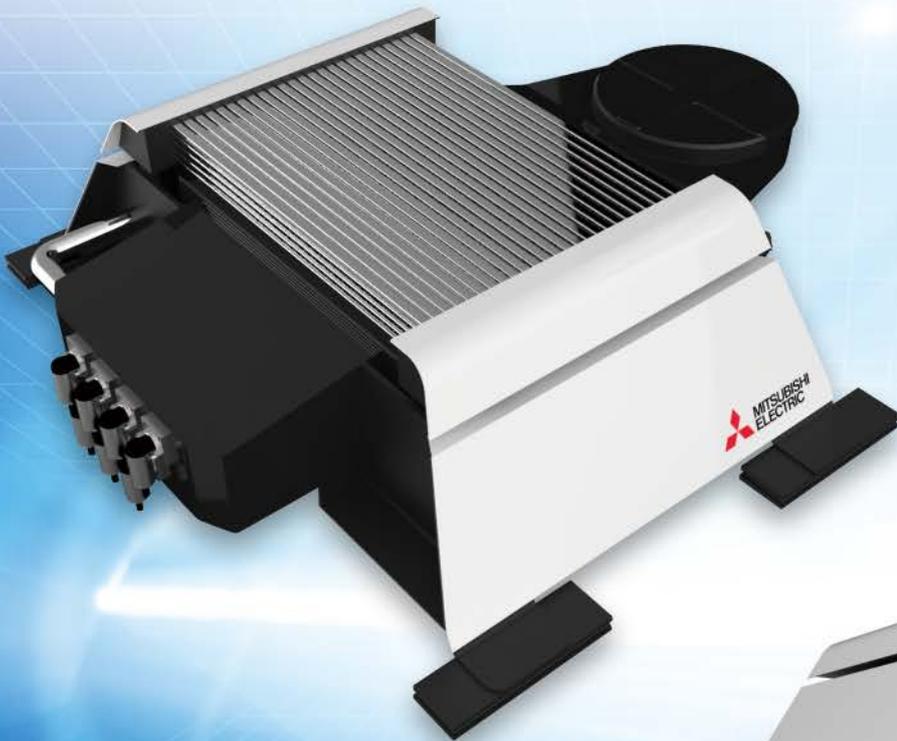




Traction Transformer

Eco Transformer



MELCO traction transformers
are IRIS certified.
(Category-4, power system)

Loss

50%
reduction

Sound

13 dB
reduction

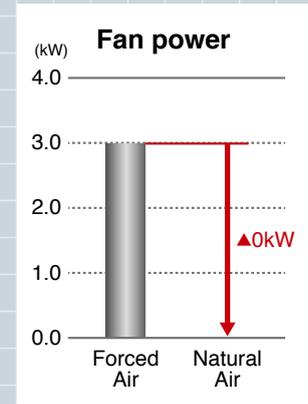
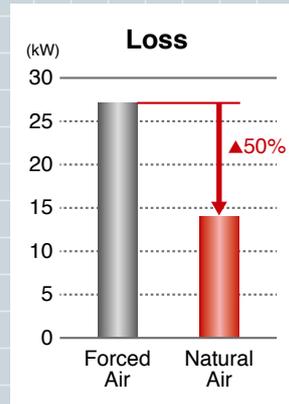
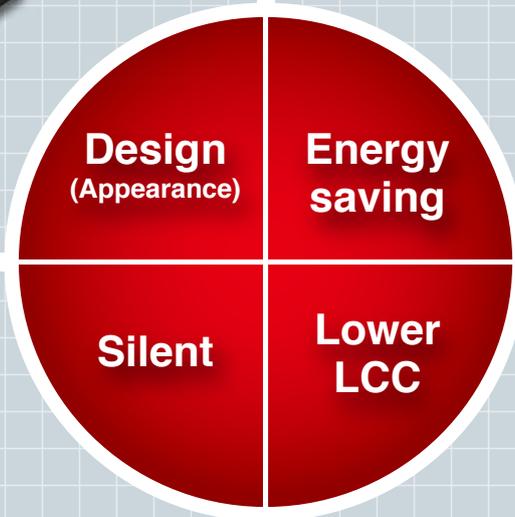
LCC

70%
reduction

Natural air cooler



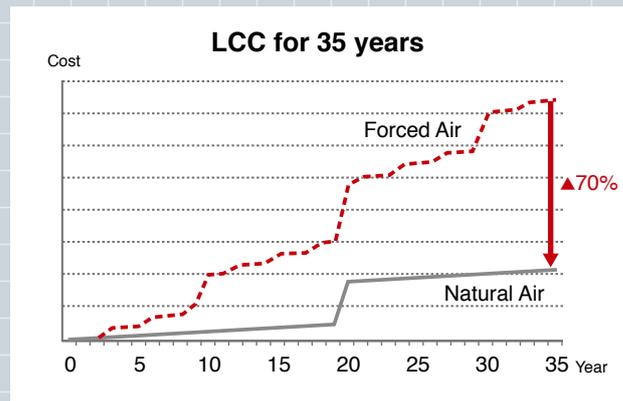
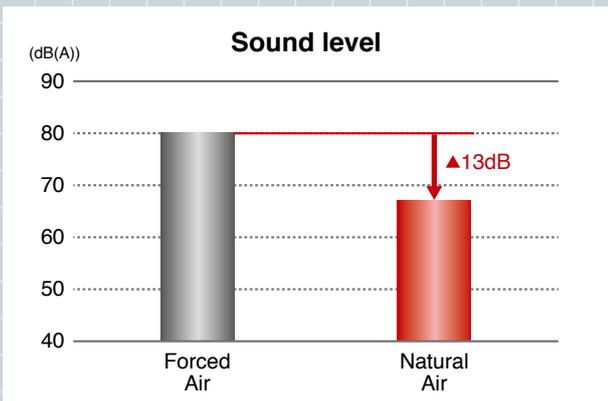
Natural Air Cooling System



- Loss can be reduced by MELCO's weight/size reduction technology.
- Fan power can be reduced to 0kW by applying natural air cooling system.
- Higher efficiency can be achieved by energy saving tech.

- Sound power level can be reduced 13dB by applying natural air cooling system. (80dB → 67dB).
- Comfortable and quiet space can be achieved by sound power level reduction, inside the cabin and at the platform.

- LCC can be reduced by MELCO's technical features.
 - No maintenance of blower
 - No cleaning of cooler
 - No exchange of oil
 - Less maintenance by high reliability and high quality



In-house comparison

MITSUBISHI ELECTRIC CORPORATION

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