

Transformer Oil Air Coolers

RELIABLE, COST-EFFECTIVE & ECO-FRIENDLY



DESIGN & FUNCTION

Kelvion TOACs are built on over 80 years' of expertise in providing robust solutions for taking the heat out of cooling oil reliably and cost-effectively.

Using ambient air as a coolant offers many advantages. It is freely available, generally non-corrosive and avoids the thermal overload of nearby rivers and lakes, making it the greener choice. Also our transformer oil coolers work anywhere with a power supply, which means no additional circuitry are required.

Our range of transformer oil air coolers for forced oil cooling systems can be supplied in different mounting variants. The standard air cooler version is designed for direct mounting on the transformer tank. In addition, our range of products comprises free-standing transformer oil coolers designed to customer specifications.

ADVANTAGES

- ▶ **BEST CORROSION PROTECTION**
- ▶ **HIGH HEAT-TRANSFER COEFFICIENT**
- ▶ **LONGEST POSSIBLE LIFETIME**
- ▶ **AERODYNAMIC CORE TUBE**
- ▶ **MINIMUM PRESSURE LOSS**
- ▶ **LOWEST NOISE LEVEL**
- ▶ **COMPACT DESIGN**

TRANSFORMER OIL AIR COOLER ADVANCED



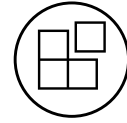
Cost effective



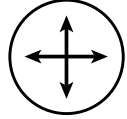
Customization options



Standardized solution



Flexible & modular design



Compact design



Corrosion protection

MATERIALS

- ▶ **Tubes:** Cu, Stainless Steel
- ▶ **Fins:** Al, AlMg2,5, Al-Epoxy
- ▶ **Housing:** C Steel + powder coating C4

FANS

- ▶ **Impeller Diameter:** 800; 910; 1000 mm
- ▶ **Motor Technology:** AC & EC

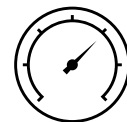
PROTECTION

- ▶ **Corrosion protection:** Standard protection C4
- ▶ **Protection class:** IP 55 / 54

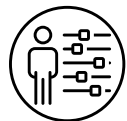
TRANSFORMER OIL AIR COOLER PREMIUM



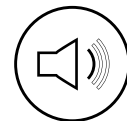
High heat transfer coefficient



Minimum pressure loss



Customized solution



Lowest Noise level



Longest possible lifetime



Best corrosion protection

MATERIALS

- ▶ **Tubes:** C-Steel Hot-dip-galvanized
- ▶ **Fins:** C-Steel Hot-dip-galvanized
- ▶ **Housing:** C-Steel Hot-dip-galvanized

FANS

- ▶ **Impeller Diameter:** 800; 910; 1000 mm, further on request
- ▶ **Motor Technology:** AC & EC

PROTECTION

- ▶ **Corrosion protection:** Standard protection C5
- ▶ **Protection class:** IP 55 / 54