

TANK-MOUNTED OIL AIR COOLER DATASHEET

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Transformer Cooling Systems · Tank-Mounted Oil Air Cooler

Novaryn tank-mounted transformer coolers are arranged for close integration with the transformer body, simplified oil piping, corrosion-aware outdoor service, and low-noise fan selection for substations and industrial power assets.

Mounting Direct transformer tank mounting	Cooling path Forced oil to ambient air
Planning focus Noise, corrosion, access, and oil pressure drop	Family Transformer Cooling Systems
Series entries 2	Core standards IEC 60076-2 · IEC 60076-7 · IEEE C57.12.00 · ASME VIII Div. 1

SERIES

Series range

Configuration routes inside this line. Series codes are Novaryn references; project-specific model codes are confirmed on the order.

CODE	SERIES	RANGE / APPLICATION	CONFIGURATION
NX-TC-093	TMOAC-Compact	Tank-mounted module	Substation footprint control · Direct oil connection
NX-TC-094	TMOAC-LowNoise	Sound-sensitive sites	Fan selection route · Grid and urban substations

Representative planning data. Certified ratings, dimensions, connection details and material schedules are issued against the project duty point.

Engineering intent

- Direct tank integration
- Shorter oil circuit
- Outdoor corrosion protection
- Fan noise planning

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VARIANTS

Planning variants

Representative planning grid with three nominal sizes per series. Not for construction or procurement.

SERIES	MODEL	COOLING CAPACITY	OIL FLOW	MOUNTING	PART NUMBER
TMOAC-Compact	NX-TC-093-S	100 kW	10 m³/h	Free-standing	NX-TC-093-S
TMOAC-Compact	NX-TC-093-M	200 kW	20 m³/h	Remote	NX-TC-093-M
TMOAC-Compact	NX-TC-093-L	300 kW	30 m³/h	Tank-mounted	NX-TC-093-L
TMOAC-LowNoise	NX-TC-094-S	200 kW	20 m³/h	Remote	NX-TC-094-S
TMOAC-LowNoise	NX-TC-094-M	300 kW	30 m³/h	Tank-mounted	NX-TC-094-M
TMOAC-LowNoise	NX-TC-094-L	400 kW	40 m³/h	Free-standing	NX-TC-094-L

Part numbers shown are catalogue planning references. Ordering codes incorporate the project revision, connection schedule and material options.

DOCUMENTATION

Line documents

Public documents are downloadable from the product library. Certificates and material reports are issued against the order.

DOCUMENT	TYPE	REV.	PAGES	ACCESS
Tank-Mounted Oil Air Cooler Datasheet	Datasheet	Rev. 04	2	Download
Tank-Mounted Oil Air Cooler — Product Overview	Product overview	Rev. 04	4	Download
Tank-Mounted Oil Air Cooler — General Arrangement	Drawing	Rev. 03	1	Download

Order reference

Quote the line name and series code, then attach the duty point and the required document set. The controlling revision is shown in the header.

Selection inputs

- Media, concentration and allowable pressure drop
- Design flow, inlet and outlet temperatures
- Design pressure, test pressure and design temperature
- Ambient conditions, plot, access and connection schedule



REPRESENTATIVE LINE CONFIGURATION