

PRODUCT OVERVIEW

Transformer Oil Water Cooler — Product Overview

Transformer Cooling Systems · Transformer Oil Water Cooler

Novaryn transformer oil-water coolers are presented for furnace, rectifier, and hydraulic power transformers. The page emphasizes double-tube leak detection and safe separation of oil and water.

Mounting

Direct tank or free-standing

Safety model

Double-tube leak collection route

Cooling path

Transformer oil to water

STANDARDS & MATERIALS

The framework behind the line.

Design standards

IEC 60076-2 · IEC 60076-7 · IEEE C57.12.00 · ASME VIII Div. 1

Material scope

Hot-dip galvanised steel · Aluminium · Copper · Stainless steel · C5-M coating

Applications

Food and meat processing · Distribution centers · Dairy · Diesel and electric rail · Grid

Series depth

3 series · three planning sizes each

At a glance

- Double-tube separation
- Leak detection pathway
- Optimized corrosion protection
- Scheduled-maintenance continuity

Typical applications

- Food and meat processing
- Distribution centers
- Dairy
- Diesel and electric rail
- Grid

TRANSFORMER OIL WATER COOLER — PRODUCT OVERVIEW

SERIES

Series ledger

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-090	Smart	Standard safety route	Economic potential · Good maintenance standards
NX-TC-091	Advanced	Cost-optimized advanced route	High requirements · Cost conscious projects
NX-TC-092	Premium	Frequent cleaning route	DIN-aligned planning · Heavy service access

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

How to read the series

The series entry defines the configuration route. The line datasheet carries the planning tables. The project datasheet replaces both with certified ratings, dimensions, connections and material schedules.



TRANSFORMER OIL WATER COOLER — REPRESENTATIVE NOVARYN EQUIPMENT

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
Smart	NX-TC-090-S	100 kW	10 m³/h	Free-standing	NX-TC-090-S
Smart	NX-TC-090-M	200 kW	20 m³/h	Remote	NX-TC-090-M
Smart	NX-TC-090-L	300 kW	30 m³/h	Tank-mounted	NX-TC-090-L
Advanced	NX-TC-091-S	200 kW	20 m³/h	Remote	NX-TC-091-S
Advanced	NX-TC-091-M	300 kW	30 m³/h	Tank-mounted	NX-TC-091-M
Advanced	NX-TC-091-L	400 kW	40 m³/h	Free-standing	NX-TC-091-L
Premium	NX-TC-092-S	300 kW	30 m³/h	Tank-mounted	NX-TC-092-S
Premium	NX-TC-092-M	400 kW	40 m³/h	Free-standing	NX-TC-092-M
Premium	NX-TC-092-L	500 kW	50 m³/h	Remote	NX-TC-092-L

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

Selection inputs

Bring the media, flow, temperatures, design pressure, ambient conditions and allowable pressure drop. Those five inputs frame the thermal and mechanical envelope.



TRANSFORMER OIL WATER COOLER – REPRESENTATIVE NOVARYN EQUIPMENT

TRANSFORMER OIL WATER COOLER — PRODUCT OVERVIEW

APPLIED

Where the line belongs.

Typical applications and the engineering intentions behind the configuration.

- Double-tube separation
- Leak detection pathway
- Optimized corrosion protection
- Scheduled-maintenance continuity

Application scope

- Food and meat processing
- Distribution centers
- Dairy
- Diesel and electric rail
- Grid

DOCUMENTATION

Documents

Download the datasheet, GA drawing and this overview from the product library.

DOCUMENT	TYPE	REV.	PAGES	ACCESS
Transformer Oil Water Cooler Datasheet	Datasheet	Rev. 04	2	Download
Transformer Oil Water Cooler — Product Overview	Product overview	Rev. 04	4	Download
Transformer Oil Water Cooler — General Arrangement	Drawing	Rev. 03	1	Download

Record set

The public library carries the selection record. Certificates, material reports and approved drawings are issued against the order and travel with the serial number.

LINE ENGINEERING

Send the duty point.

Media, flow, temperatures, pressure, ambient conditions, plot and access constraints, and the document requirement. If the duty is still forming, send what you have and we will frame the questions.

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