

FREE-STANDING OIL COOLING UNIT DATASHEET

DATASHEET

Free-Standing Oil Cooling Unit Datasheet

Transformer Cooling Systems · Free-Standing Oil Cooling Unit

Novaryn free-standing transformer cooling units allow the cooler package to be located away from the tank when plot layout, acoustic limits, maintenance clearance, or airflow direction make direct mounting unsuitable.

Mounting Separate free-standing cooler package	Cooling path Forced oil loop to air or water-side cooler
Project fit New-build and retrofit transformer cooling	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-084	Air	Remote oil-air package	Flexible yard placement · Outdoor fan cooling
NX-TC-085	Water	Remote oil-water package	High-duty water-side cooling · Plant utility integration

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

Engineering intent

- Flexible cooler placement
- Clear service access
- Airflow direction control
- Useful for retrofits and upgrades

FREE-STANDING OIL COOLING UNIT DATASHEET

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
Air	NX-TC-084-S	100 kW	10 m³/h	Free-standing	NX-TC-084-S
Air	NX-TC-084-M	200 kW	20 m³/h	Remote	NX-TC-084-M
Air	NX-TC-084-L	300 kW	30 m³/h	Tank-mounted	NX-TC-084-L
Water	NX-TC-085-S	200 kW	20 m³/h	Remote	NX-TC-085-S
Water	NX-TC-085-M	300 kW	30 m³/h	Tank-mounted	NX-TC-085-M
Water	NX-TC-085-L	400 kW	40 m³/h	Free-standing	NX-TC-085-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
Free-Standing Oil Cooling Unit Datasheet	Datasheet	Rev. 04	2	Download
Free-Standing Oil Cooling Unit — Product Overview	Product overview	Rev. 04	4	Download
Free-Standing Oil Cooling Unit — 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