

HEATING COILS DATASHEET

DATASHEET

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Coils · Heating Coils

Novaryn heating coils are configured around air volume, entering temperature, heating medium, freeze risk, casing limits, and service access. They support hot water, steam, glycol, and thermal oil applications.

Heating media Hot water, steam, glycol, or thermal oil	Tube options Copper, stainless, or specialist materials
Design focus Airflow, pressure drop, and leaving-air temperature	Family Coils
Series entries 2	Core standards AHRI 410 · ASME B31.5 · EN 327 · PED 2014/68/EU

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-CL-101	Water	Hot water and glycol coils	Air handling units · District energy tie-ins
NX-CL-102	Steam	Steam heating coils	Process make-up air · Condensate-aware circuiting

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

Engineering intent

- Medium-flexible design
- Low air-side pressure drop
- Header and circuit customization
- Freeze-protection planning

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VARIANTS

Planning variants

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

SERIES	MODEL	ROWS	FACE AREA	FIN SPACING	PART NUMBER
Water	NX-CL-101-S	3	0.8 m²	2.5 mm	NX-CL-101-S
Water	NX-CL-101-M	4	1.6 m²	3.2 mm	NX-CL-101-M
Water	NX-CL-101-L	5	2.4 m²	2.1 mm	NX-CL-101-L
Steam	NX-CL-102-S	4	1.6 m²	3.2 mm	NX-CL-102-S
Steam	NX-CL-102-M	5	2.4 m²	2.1 mm	NX-CL-102-M
Steam	NX-CL-102-L	6	3.2 m²	2.5 mm	NX-CL-102-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.

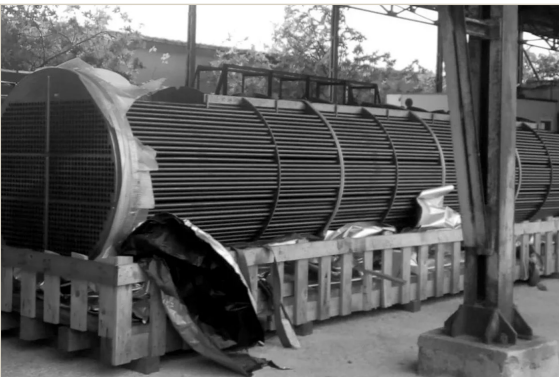
DOCUMENT	TYPE	REV.	PAGES	ACCESS
Heating Coils Datasheet	Datasheet	Rev. 04	2	Download
Heating Coils — Product Overview	Product overview	Rev. 04	4	Download
Heating Coils — General Arrangement	Drawing	Rev. 03	1	Download

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