

COOLING COILS DATASHEET

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Cooling Coils Datasheet

Coils · Cooling Coils

Novaryn cooling coils are selected around sensible and latent load, fin spacing, corrosion conditions, drain pan integration, and cleanability. They fit HVAC, production rooms, and industrial air-cooling systems.

Cooling media Chilled water, glycol, or process fluids	Duty type Sensible and latent air cooling
Service focus Drainage, access, and fin cleanability	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-097	Chilled	Chilled-water cooling	Comfort and process air · Low pressure drop route
NX-CL-098	Glycol	Low-temperature glycol coils	Freeze-aware service · Industrial process rooms

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

Engineering intent

- Stable leaving-air control
- Condensate-aware design
- Cleanable fin spacing
- Material options for corrosive air

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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
Chilled	NX-CL-097-S	3	0.8 m²	2.5 mm	NX-CL-097-S
Chilled	NX-CL-097-M	4	1.6 m²	3.2 mm	NX-CL-097-M
Chilled	NX-CL-097-L	5	2.4 m²	2.1 mm	NX-CL-097-L
Glycol	NX-CL-098-S	4	1.6 m²	3.2 mm	NX-CL-098-S
Glycol	NX-CL-098-M	5	2.4 m²	2.1 mm	NX-CL-098-M
Glycol	NX-CL-098-L	6	3.2 m²	2.5 mm	NX-CL-098-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
Cooling Coils Datasheet	Datasheet	Rev. 04	2	Download
Cooling Coils — Product Overview	Product overview	Rev. 04	4	Download
Cooling 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