

REPLACEMENT COIL BLOCKS — PRODUCT OVERVIEW

PRODUCT OVERVIEW

# Replacement Coil Blocks — Product Overview

Coils · Replacement Coil Blocks

Novaryn replacement coil blocks are built from site measurements, duty requirements, material preferences, and access constraints. They are useful where existing casing, fans, controls, or structure can remain in service.

Scope

Coil-only replacement or upgraded coil block

Inputs

Existing dimensions, duty data, fluids, and connection details

Outcome

Thermal restoration without full equipment replacement

STANDARDS & MATERIALS

## The framework behind the line.

Design standards

AHRI 410 · ASME B31.5 · EN 327 · PED 2014/68/EU

Material scope

Copper tube · Aluminium fin · Stainless steel · Cupronickel  
· Galvanised casing

Applications

Air cooled solutions · Heat rejection · District energy · Pulp and paper · Industrial cooling processes

Series depth

2 series · three planning sizes each

### At a glance

- Keeps usable equipment in service
- Measured-to-fit geometry
- Material upgrade path
- Reduced shutdown scope

### Typical applications

- Air cooled solutions
- Heat rejection
- District energy
- Pulp and paper
- Industrial cooling processes

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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-CL-107 | LikeForLike | Direct replacement coil         | Measured-to-fit · Fast retrofit path                          |
| NX-CL-108 | Upgrade     | Material or performance upgrade | Corrosion and capacity improvements · Life-extension projects |

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.



REPLACEMENT COIL BLOCKS – REPRESENTATIVE NOVARYN EQUIPMENT

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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 |
|-------------|-------------|------|-----------|-------------|-------------|
| LikeForLike | NX-CL-107-S | 3    | 0.8 m²    | 2.5 mm      | NX-CL-107-S |
| LikeForLike | NX-CL-107-M | 4    | 1.6 m²    | 3.2 mm      | NX-CL-107-M |
| LikeForLike | NX-CL-107-L | 5    | 2.4 m²    | 2.1 mm      | NX-CL-107-L |
| Upgrade     | NX-CL-108-S | 4    | 1.6 m²    | 3.2 mm      | NX-CL-108-S |
| Upgrade     | NX-CL-108-M | 5    | 2.4 m²    | 2.1 mm      | NX-CL-108-M |
| Upgrade     | NX-CL-108-L | 6    | 3.2 m²    | 2.5 mm      | NX-CL-108-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.



REPLACEMENT COIL BLOCKS – REPRESENTATIVE NOVARYN EQUIPMENT

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APPLIED

# Where the line belongs.

Typical applications and the engineering intentions behind the configuration.

- Keeps usable equipment in service
- Measured-to-fit geometry
- Material upgrade path
- Reduced shutdown scope

## Application scope

- Air cooled solutions
- Heat rejection
- District energy
- Pulp and paper
- Industrial cooling processes

DOCUMENTATION

## Documents

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

| DOCUMENT                                      | TYPE             | REV.    | PAGES | ACCESS   |
|-----------------------------------------------|------------------|---------|-------|----------|
| Replacement Coil Blocks Datasheet             | Datasheet        | Rev. 04 | 2     | Download |
| Replacement Coil Blocks — Product Overview    | Product overview | Rev. 04 | 4     | Download |
| Replacement Coil Blocks — 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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