

CEILING MOUNTED AIR COOLER — PRODUCT OVERVIEW

PRODUCT OVERVIEW

Ceiling Mounted Air Cooler — Product Overview

Evaporators · Ceiling Mounted Air Cooler

Novaryn ceiling coolers are compact, serviceable, and prepared for common commercial refrigeration duties. The range covers stock units, tight-room applications, and natural refrigerant variants.

Capacity class
0.5-11 kW equivalent classes

Mounting
Ceiling mounted

Service
Easy fan and coil access

STANDARDS & MATERIALS

The framework behind the line.

Design standards
ASME B31.5 · EN 378 · CE / PED · AHRI 420

Material scope
Copper tube · Aluminium fin · Stainless steel · Galvanised casing · Epoxy-coated coil

Applications
Supermarkets · Distribution centers · Beverages · Dairy

Series depth
3 series · three planning sizes each

At a glance

- Space-saving mount
- Clean component access
- Pre-wired fan options
- Natural refrigerant readiness

Typical applications

- Supermarkets
- Distribution centers
- Beverages
- Dairy

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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-EV-020	MCK	1.5-11 kW class	Small and low spaces · Frequent access rooms
NX-EV-021	KCC	0.5-2 kW class	Stock-friendly format · EC fan technology
NX-EV-022	MCC	1.5-10 kW class	Baffle-guided airflow · Simple cleaning

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.



CEILING MOUNTED AIR COOLER – 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	CAPACITY	AIR THROW	REFRIGERANT	PART NUMBER
MCK	NX-EV-020-S	2.5 kW	6 m	CO ₂	NX-EV-020-S
MCK	NX-EV-020-M	5.0 kW	7 m	Propane / NH ₃	NX-EV-020-M
MCK	NX-EV-020-L	7.5 kW	8 m	HFC / HFO	NX-EV-020-L
KCC	NX-EV-021-S	5.0 kW	7 m	Propane / NH ₃	NX-EV-021-S
KCC	NX-EV-021-M	7.5 kW	8 m	HFC / HFO	NX-EV-021-M
KCC	NX-EV-021-L	10.0 kW	5 m	CO ₂	NX-EV-021-L
MCC	NX-EV-022-S	7.5 kW	8 m	HFC / HFO	NX-EV-022-S
MCC	NX-EV-022-M	10.0 kW	5 m	CO ₂	NX-EV-022-M
MCC	NX-EV-022-L	12.5 kW	6 m	Propane / NH ₃	NX-EV-022-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.



CEILING MOUNTED AIR COOLER – REPRESENTATIVE NOVARYN EQUIPMENT

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APPLIED

Where the line belongs.

Typical applications and the engineering intentions behind the configuration.

- Space-saving mount
- Clean component access
- Pre-wired fan options
- Natural refrigerant readiness

Application scope

- Supermarkets
- Distribution centers
- Beverages
- Dairy

DOCUMENTATION

Documents

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

DOCUMENT	TYPE	REV.	PAGES	ACCESS
Ceiling Mounted Air Cooler Datasheet	Datasheet	Rev. 04	2	Download
Ceiling Mounted Air Cooler — Product Overview	Product overview	Rev. 04	4	Download
Ceiling Mounted Air 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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