

CEILING MOUNTED AIR COOLER DATASHEET

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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	Family Evaporators
Series entries 3	Core standards ASME B31.5 · EN 378 · CE / PED · AHRI 420

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-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.

Engineering intent

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

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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.

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
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

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