

DRAFT FREE AIR COOLER DATASHEET

DATASHEET

Draft Free Air Cooler Datasheet

Evaporators · Draft Free Air Cooler

Novaryn draft-free units are shaped for even, humid, and quiet cooling. They suit rooms where product maturation, handling comfort, and steady conditions matter more than aggressive air throw.

Capacity class Low refrigeration loads	Air pattern Gravity or gentle circulation
Comfort Low draft and low noise	Family Evaporators
Series entries 1	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-031	KVB	0.6-4.4 kW class	Maturation rooms · Moist and even cooling

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

Engineering intent

- Low draft sensation
- Even room conditions
- Quiet operation
- 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
KVB	NX-EV-031-S	2.5 kW	6 m	CO ₂	NX-EV-031-S
KVB	NX-EV-031-M	5.0 kW	7 m	Propane / NH ₃	NX-EV-031-M
KVB	NX-EV-031-L	7.5 kW	8 m	HFC / HFO	NX-EV-031-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
Draft Free Air Cooler Datasheet	Datasheet	Rev. 04	2	Download
Draft Free Air Cooler — Product Overview	Product overview	Rev. 04	4	Download
Draft Free 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



REPRESENTATIVE LINE CONFIGURATION