

PRODUCT OVERVIEW

V-Shape Condenser / Drycooler — Product Overview

Heat Rejection & Heat Recovery · V-Shape Condenser / Drycooler

Novaryn V-shape coolers concentrate capacity into a tighter footprint than horizontal units. They are arranged for warehouses, data centers, indoor climate systems, and refrigeration sites.

Capacity class
6-2805 kW equivalent classes

Geometry
V-bank condenser and drycooler formats

Enhancement
Adiabatic option available

STANDARDS & MATERIALS

The framework behind the line.

Design standards
ASME VIII Div. 1 · API 661 · CTI ATC-105 · PED 2014/68/EU

Material scope
Hot-dip galvanised steel · Stainless steel · Aluminium fins ·
CuNi tube · C5-M coating

Applications
Air cooled solutions · Supermarkets · Beverages · Dairy ·
Distribution centers · Food and meat processing

Series depth
4 series · three planning sizes each

At a glance

- Small footprint
- High capacity density
- Adiabatic option
- Broad refrigerant coverage

Typical applications

- Air cooled solutions
- Supermarkets
- Beverages
- Dairy
- Distribution centers

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-HR-056	RV/NV/GV T-L	12.5-2805 kW class	Large V-bank platform · Condenser, ammonia, and gas cooler variants
NX-HR-057	RV/NV/GV M	7-527 kW class	Medium V-bank family · Commercial and industrial duty
NX-HR-058	LV-M Drycooler	6-395 kW class	Small footprint · Adiabatic option
NX-HR-059	LV-TL Drycooler	10-2140 kW class	High-capacity dry cooling · V-angle airflow

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.



V-SHAPE CONDENSER / DRYCOOLER – REPRESENTATIVE NOVARYN EQUIPMENT

VARIANTS

Planning variants

Representative planning grid with three nominal sizes per series. Not for construction or procurement.

SERIES	MODEL	CAPACITY	FAN DIAMETER	OPERATING MODE	PART NUMBER
RV/NV/GV T-L	NX-HR-056-S	0.5 MW	1.5 m	Adiabatic	NX-HR-056-S
RV/NV/GV T-L	NX-HR-056-M	1.0 MW	1.8 m	Evaporative	NX-HR-056-M
RV/NV/GV T-L	NX-HR-056-L	1.5 MW	2.1 m	Dry	NX-HR-056-L
RV/NV/GV M	NX-HR-057-S	1.0 MW	1.8 m	Evaporative	NX-HR-057-S
RV/NV/GV M	NX-HR-057-M	1.5 MW	2.1 m	Dry	NX-HR-057-M
RV/NV/GV M	NX-HR-057-L	2.0 MW	2.4 m	Adiabatic	NX-HR-057-L
LV-M Drycooler	NX-HR-058-S	1.5 MW	2.1 m	Dry	NX-HR-058-S
LV-M Drycooler	NX-HR-058-M	2.0 MW	2.4 m	Adiabatic	NX-HR-058-M
LV-M Drycooler	NX-HR-058-L	2.5 MW	1.2 m	Evaporative	NX-HR-058-L
LV-TL Drycooler	NX-HR-059-S	2.0 MW	2.4 m	Adiabatic	NX-HR-059-S
LV-TL Drycooler	NX-HR-059-M	2.5 MW	1.2 m	Evaporative	NX-HR-059-M
LV-TL Drycooler	NX-HR-059-L	3.0 MW	1.5 m	Dry	NX-HR-059-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.



V-SHAPE CONDENSER / DRYCOOLER – REPRESENTATIVE NOVARYN EQUIPMENT

APPLIED

Where the line belongs.

Typical applications and the engineering intentions behind the configuration.

- Small footprint
- High capacity density
- Adiabatic option
- Broad refrigerant coverage

Application scope

- Air cooled solutions
- Supermarkets
- Beverages
- Dairy
- Distribution centers
- Food and meat processing

DOCUMENTATION

Documents

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

DOCUMENT	TYPE	REV.	PAGES	ACCESS
V-Shape Condenser / Drycooler Datasheet	Datasheet	Rev. 04	2	Download
V-Shape Condenser / Drycooler — Product Overview	Product overview	Rev. 04	4	Download
V-Shape Condenser / Drycooler — 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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