

AIR DRYER DATASHEET

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Heating Solutions · Air Dryer

Novaryn air dryers cover galvanized steel, stainless steel, laser-finned, and plain-tube designs depending on fouling, hygiene, corrosion, and process temperature.

Construction Galvanized steel, stainless, laser-finned, or plain-tube	Duty Industrial drying and heating air
Maintenance Fouling-aware cleaning strategy	Family Heating Solutions
Series entries 3	Core standards ASME VIII Div. 1 · EN 13445 · API 560 · PED 2014/68/EU

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-HS-109	Galvanized	Heavy industrial drying	Hot-dip galvanized tubes · High durability
NX-HS-110	Stainless	Hygienic or aggressive media	Laser-finned tubes · Long service life
NX-HS-111	PlainTube	Heavy pollution	Long on-stream time · Easy cleaning

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

Engineering intent

- Low pressure loss
- High durability
- Compact installed footprint
- Plain-tube cleanability

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VARIANTS

Planning variants

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

SERIES	MODEL	DUTY	MEDIUM	CONFIGURATION	PART NUMBER
Galvanized	NX-HS-109-S	100 kW	Steam	Vertical	NX-HS-109-S
Galvanized	NX-HS-109-M	200 kW	Thermal oil	Horizontal	NX-HS-109-M
Galvanized	NX-HS-109-L	300 kW	Exhaust gas	Vertical	NX-HS-109-L
Stainless	NX-HS-110-S	200 kW	Thermal oil	Horizontal	NX-HS-110-S
Stainless	NX-HS-110-M	300 kW	Exhaust gas	Vertical	NX-HS-110-M
Stainless	NX-HS-110-L	400 kW	Water	Horizontal	NX-HS-110-L
PlainTube	NX-HS-111-S	300 kW	Exhaust gas	Vertical	NX-HS-111-S
PlainTube	NX-HS-111-M	400 kW	Water	Horizontal	NX-HS-111-M
PlainTube	NX-HS-111-L	500 kW	Steam	Vertical	NX-HS-111-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
Air Dryer Datasheet	Datasheet	Rev. 04	2	Download
Air Dryer — Product Overview	Product overview	Rev. 04	4	Download
Air Dryer — 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