

K-FLEX STYLE PLATE HEAT EXCHANGER DATASHEET

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Process Heat Transfer · K-Flex Style Plate Heat Exchanger

Novaryn flexible welded plate modules are positioned for high-flow process systems where compactness, low pressure drop, and plate-side efficiency need to coexist.

Pressure class Up to 100 bar planning class	Temperature class -200 C to 550 C planning class
Surface area Large modular exchanger platforms	Family Process Heat Transfer
Series entries 1	Core standards ASME VIII Div. 1 / Div. 2 · TEMA R / C / B · API 660 · API 661

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-PT-072	LowDrop	2,500-12,000 m2 planning class	Tube-like and wave-like channels · High flowrate duties

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

Engineering intent

- High flow with low pressure drop
- Standardized modules
- Large surface area potential
- Gas-proof welded design

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VARIANTS

Planning variants

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

SERIES	MODEL	SURFACE AREA	PRESSURE CLASS	MATERIAL	PART NUMBER
LowDrop	NX-PT-072-S	15 m²	PN 25	Duplex 2205	NX-PT-072-S
LowDrop	NX-PT-072-M	30 m²	PN 40	Titanium	NX-PT-072-M
LowDrop	NX-PT-072-L	45 m²	PN 100	316L	NX-PT-072-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
K-Flex Style Plate Heat Exchanger Datasheet	Datasheet	Rev. 04	2	Download
K-Flex Style Plate Heat Exchanger — Product Overview	Product overview	Rev. 04	4	Download
K-Flex Style Plate Heat Exchanger — 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