

WELDED PLATE HEAT EXCHANGERS DATASHEET

DATASHEET

Welded Plate Heat Exchangers Datasheet

Plate Heat Exchangers · Welded Plate Heat Exchangers

Novaryn welded plate systems combine compact construction with pressure resilience. They are intended for processes where gasket exposure is unsuitable and thermal efficiency must be preserved under difficult fluids, fouling risk, or tight plot-space constraints.

Construction Fully welded plate pack	Operating envelope Elevated pressure and temperature services
Cleaning approach Designed for reduced servicing frequency	Family Plate Heat Exchangers
Series entries 1	Core standards ASME VIII Div. 1 · PED 2014/68/EU · AHRI 400

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-PHE-016	Bloc	Process welded platform	Chevron style turbulence · Dimpled channel option · High-recovery applications

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

Engineering intent

- Gas-tight construction
- Compact footprint
- High thermal efficiency
- Fouling-aware plate patterns

WELDED PLATE HEAT EXCHANGERS DATASHEET

VARIANTS

Planning variants

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

SERIES	MODEL	PLATE AREA	CONNECTION	PRESSURE CLASS	PART NUMBER
Bloc	NX-PHE-016-S	18 m²	DN 80	PN 25	NX-PHE-016-S
Bloc	NX-PHE-016-M	36 m²	DN 100	PN 40	NX-PHE-016-M
Bloc	NX-PHE-016-L	54 m²	DN 150	PN 16	NX-PHE-016-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
Welded Plate Heat Exchangers Datasheet	Datasheet	Rev. 04	2	Download
Welded Plate Heat Exchangers — Product Overview	Product overview	Rev. 04	4	Download
Welded Plate Heat Exchangers — 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