

DATASHEET

Double-Wall Plate Heat Exchangers Datasheet

Plate Heat Exchangers · Double-Wall Plate Heat Exchangers

Novaryn double-wall plate exchangers are specified for potable water, food utilities, district energy, and any process where accidental media mixing would create safety, quality, or compliance risk. The page focuses on detection, clean separation, and serviceable frame choices.

Safety model Double plate transfer surface	Detection route External leak indication before fluid mixing
Build options Gasketed or compact sealed configurations	Family Plate Heat Exchangers
Series entries 2	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-006	Gasketed	Inspectable framed unit	Potable water and food utilities · Expandable plate pack
NX-PHE-007	Compact	Compact sealed unit	Small plant rooms · Low hold-up volume

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

Engineering intent

- Visible leak path
- Higher media-separation confidence
- Serviceable plate pack option
- Material and gasket flexibility

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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
Gasketed	NX-PHE-006-S	18 m²	DN 80	PN 25	NX-PHE-006-S
Gasketed	NX-PHE-006-M	36 m²	DN 100	PN 40	NX-PHE-006-M
Gasketed	NX-PHE-006-L	54 m²	DN 150	PN 16	NX-PHE-006-L
Compact	NX-PHE-007-S	36 m²	DN 100	PN 40	NX-PHE-007-S
Compact	NX-PHE-007-M	54 m²	DN 150	PN 16	NX-PHE-007-M
Compact	NX-PHE-007-L	72 m²	DN 50	PN 16	NX-PHE-007-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
Double-Wall Plate Heat Exchangers Datasheet	Datasheet	Rev. 04	2	Download
Double-Wall Plate Heat Exchangers — Product Overview	Product overview	Rev. 04	4	Download
Double-Wall 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