

Plate Heat Exchangers from the Fast-Assembly Line

Plate Heat Exchangers in 7 Days



GEA Ecoflex now supplies standard plate heat exchangers ex works in an unrivalled 7 days!

The VT 04, NT 50 and NT 100 models from our successful product range of gasketed plate heat exchangers were specially developed for use in the expanding HVAC sector. For the first time plant engineering companies have the necessary planning security to be able to reliably implement projects even at short notice.

The advantages at a glance:

- Unrivalled short delivery times
- Increased planning flexibility and reliability
- Maximum heat transfer rates
- Minimum investment and maintenance costs
- Optimum media distribution
- High pressure resistance
- Simple assembly
- Fast, reliable gasket replacement
- Flexible solutions for special applications



NT 50 X



NT 50 T

The product range from the fast-assembly line

PHE model	Width in mm	Length in mm	Connection in DN	Maximum flow rate in m ³ /h	Frames
VT 04	128	549	32	12	CF range (compact design): 10, 16 bars
NT 50 T	244	492	50	50	
NT 50 M		864			
NT 50 X		1226			
NT 100 T	445	897	100	190	
NT 100 M		1301			
NT 100 X		1711			

Technical information in brief on the plate heat exchangers from the fast-assembly line

Which GEA Ecoflex PHE models are available for fast assembly?

- VT04
- NT50 T, M, X
- NT100 T, M, X

General parameters for models from the fast-assembly line

- Designed in accordance with the pressure equipment directive (PED / AD 2000)
- Industrial frame, painted in colour RAL 5002
- Bolted frame design
- 1-way design, all connections on the fixed plate

Design parameters

- Min. temperature: -10°C
- Max. temperature: 140°C
- Max. operating pressure: 16 bars (g) / Max. test pressure: 20.8 bar (g)

Connections

- VT 04 – External thread ND 32 Nipple DIN 2999
- NT 50 – External thread ND 50 Nipple DIN 2999
- NT 100 – Flange connection ND 100 DIN 2633 with rubber insert

Plate and gasket material

- Stainless steel EN 1.4301, 0.5 mm thick
- Stainless steel EN 1.4401 / EN 1.4404, 0.5 mm thick
- NBR or EPDM gaskets

Typical applications

- Swimming pools
- Surface finishing
- Solar engineering
- District heating
- District cooling
- Air conditioning
- Industrial refrigeration
- Heat pump engineering
- Oil and emulsion cooling
- Other applications on request!

The specifications contained in this brochure are intended only to serve as a non-binding description of our products and services and are not subject to guarantee. Binding specifications, especially pertaining to performance data and suitability for specific operating purposes, are dependent upon the individual circumstances at the operation location and can, therefore, only be made in terms of precise requests.

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