

# NT Plate Heat Exchangers

## The new plate heat exchanger generation

Higher performance, more applications and even less investment: the new versatile NT Series fulfills the requirements of the industry and sets economical standards for future plate heat exchangers.

**Higher performance** – an optimised plate design which enables your wishes to come true, in that higher heat transfer can be achieved with less surface area. This simply means: less investment.

**More applications** – a universal plate program creates flexibility, through which your requirements can be realised even more accurately.

**Quicker maintenance** – new gasket & attachment technology making servicing easier and providing a firm, perfect fit of gaskets and plates.

The NT Series offers every plate type in various lengths and corrugations that ensures an accurate answer to any requirement.

### Your advantages at a glance

- high heat transfer rates
- low investment and service costs
- optimised distribution of media
- high pressure resistance
- simplified handling
- quick and safe gasket replacement
- flexible solutions for special requirements
- non-standard materials available
- know-how of a leading manufacturer



GEA Heat Exchangers  
GEA PHE Systems

## Features and advantages

### OptiWave-design

The optimised corrugation leads to a good fluid distribution across the whole plate width. This leads to the highest heat exchange rates being achieved with the lowest pressure drop.

### PosLoc-fixation

With the new NT Series, we have introduced a self-centering plate system. The result being a stable, perfectly aligned plate pack, with the gaskets lying directly above each other leading to a longer lifetime.

### EcoLoc-gasket system

The new, glueless EcoLoc gasket ensures a quick and uncomplicated exchange of gaskets.



## The NT product range

	Width		Length		Connection diameter		Maximum volume flow		Frames
Type	mm	inches	mm	inches	DN	inches	m³/h	USGPM	
NT 50 T	246	9.7	492	19.4	50	2	50	220	CD Series (compact design): 10, 16 bar/150, 225 psi.  B Series (extended versions): 6, 10, 16, 25 bar/100, 150, 225, 350 psi.  Frame available in stainless-steel-overlaid or painted versions (Stainless-steel frames available for: NT 50, NT 100, NT 150, NT 250).
NT 50 M			864	34.0					
NT 50 X			1236	48.7					
NT 100 T	444	17.5	899	35.4	100	4	190	830	
NT 100 M			1305	51.4					
NT 100 X			1711	67.4					
NT 150 S	545	21.5	1323	52.1	150	6	380	1670	
NT 150 L			1803	71.0					
NT 250 S	745	29.3	1736	68.4	250	10	970	4270	
NT 250 M			2033	80.0					
NT 250 L			2330	91.7					
NT 350 S	995	39.2	2138	84.2	350	14	1900	8360	
NT 350 M			2475	97.4					
NT 350 L			2812	110.7					
NT 500 T	1242	48.9	2503	98.5	500	20	4500	19800	
NT 500 M			3114	122.6					
NT 500 X			3725	146.7					

The specifications contained in this printing unit are intended only to serve the 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.

Your contact:



GEA Heat Exchangers  
GEA Ecoflex GmbH

Karl-Schiller-Straße 1-3 · 31157 Sarstedt · Germany  
Phone +49 5066 601-0 · Fax +49 5066 601-104  
info@gea-ecoflex.com · www.gea-phe.com