

NT Plate Heat Exchangers

The new **Plate heat exchanger- generation**

Higher performance, more applications and even less investment: the new versatile NT series fulfils 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 profile variations 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 requirement
- non-standard materials are available
- leading manufacturer's know-how



New Features

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-centring 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, glue-free EcoLoc gaskets, ensure a quick and uncomplicated exchange of gaskets.



The NT product range

NT 100	NT 100 T 897 mm / 53.3 inches		NT 100 M in development		NT 100 X in development	type length
basic dimensions: width 445 mm / 17.5 inches, connection diameter DN 100 / ANSI 4", max. volume flow 190 m ³ /h / 830 USGPM						
NT 150		NT 150 S 1323 mm / 52.1 inches		NT 150 L 1803 mm / 71 inches		type length
basic dimensions: width 545 mm / 21.3 inches, connection diameter DN 150 / ANSI 6", max. volume flow 350 m ³ /h / 1540 USGPM						
NT 250		NT 250 S 1736 mm / 68.1 inches		NT 250 L 2330 mm / 91.5 inches		type length
basic dimensions: width 745 mm / 29.3 inches, connection diameter DN 250 / ANSI 10", max. volume flow 900 m ³ /h / 3960 USGPM						
NT 350		NT 350 S in development	NT 350 M 2470 mm / 97.2 inches	NT 350 L in development		type length
basic dimensions: width 995 mm / 39.2 inches, connection diameter DN 350 / ANSI 14", max. volume flow 1900 m ³ /h / 8380 USGPM						
frames: CD-series (compact design) in: 10, 16 bar / 145, 232 psi, B-series (extended versions) in: 10, 16, 25 bar / 145, 232, 363 psi						

GEA Ecoflex GmbH

For more than 75 years, GEA Ecoflex has been developing customer-oriented and cost-optimised plate heat exchanger solutions for the following fields of application:

- HVAC
- refrigeration
- sugar
- chemical
- paper
- food
- life science
- marine
- power



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