

## Gasketed Plate Heat Exchanger | Lean Line

# STANDARDIZED UNITS AVAILABLE WITHIN 5 DAYS



## KELVION LEAN LINE

With a clear focus on standardized HVAC and industrial heating and cooling applications, the Lean Line range of gasketed plate heat exchangers offers fast delivery and low first cost in combination with our proven Kelvion quality.

Kelvion's gasketed plate heat exchangers are expertly engineered and manufactured for peak performance. We deliver tailor-made solutions for standardized cooling applications providing a rapid availability. Our Lean Line range of gasketed plate heat exchangers are available with stainless steel plates, NBR gaskets and a standard frame configuration.

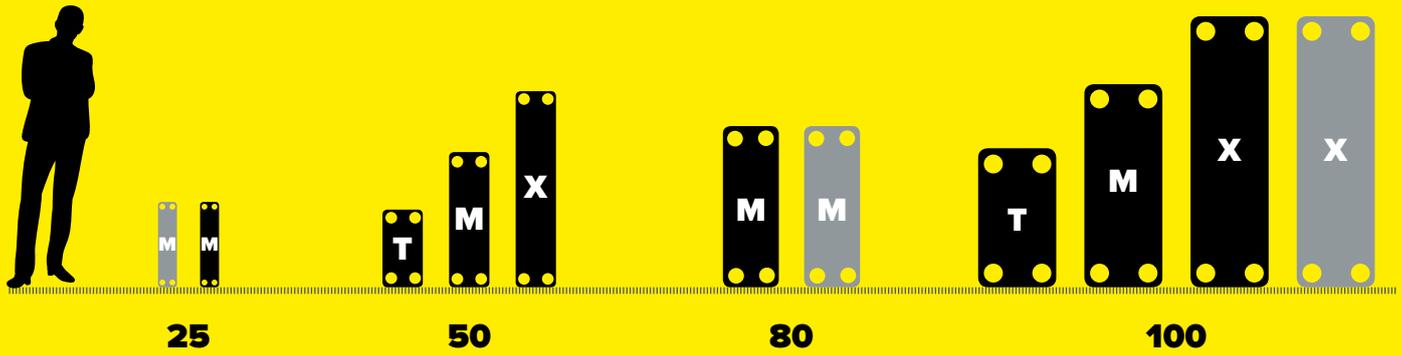
As we carry out a thermodynamic and hydraulic design of each lean line heat exchanger, customers will receive their product solution with maximum precision, meeting exactly process requirements such as temperature profile and pressure drop.

**LEAD TIME**

**5 DAYS**

# PORTFOLIO LEAN LINE

● NT series  
● NX series



## APPLICATIONS LEAN LINE

### HVAC

- ▶ District heating
- ▶ District cooling
- ▶ Heating & cooling of buildings
- ▶ Air conditioning
- ▶ Potable water heating
- ▶ Swimming pool heating
- ▶ Heat pumps
- ▶ Solarthermal heating

### INDUSTRIAL HEATING/COOLING

- ▶ General industrial cooling applications
- ▶ Fast replacement solution
- ▶ Surface treatment
- ▶ Cooling of machine oil
- ▶ Cooling of grinder coolant
- ▶ Cooling of hydraulic oil
- ▶ Combined heat & power systems

## SCOPE OF LEAN LINE

	NT25M / NX25M	NT50T/M/X	NT80M / NX80M	NT100T/M/X / NX100X
<b>Connection</b>	DN32 External Thread	DN50 External Thread	DN80 Rubber Insert	DN100 Rubber Insert
<b>Flow Arrangement</b>	All Connections on Fixed Frame Plate (Single-Pass)			
<b>Max. Volume Flow</b>	16 m <sup>3</sup> /h	40 m <sup>3</sup> /h	100 m <sup>3</sup> /h	160 m <sup>3</sup> /h
<b>Plate Material</b>	1.4404 / AISI 316L and 1.4301 / AISI 304			
<b>Gasket Material</b>	NBR-HT			
<b>Design Temperature</b>	-10°C up to 110°C			
<b>Max. Design Pressure</b>	16 bar-g	10 bar-g		
<b>Design Code</b>	Pressure Equipment Directive 2014/68/EU (PED)   Section 4(3) (sound engineering practice)			
<b>Accessories</b>	Heat insulation			