

Praxis Megastore

Breda, The Netherlands



Flagship DIY superstore fits new heating system for a sustainable future.

Praxis Megastore Breda is one of the largest Praxis stores and has a retail floor area of 10,102m².

The challenge

The existing boilers were obsolete and did not match the vision of Praxis in terms of their sustainability. Making stores more energy efficient is an important part of the company's business operations, so the decision was taken to replace the heating system with a low emission alternative.

Comment

The Praxis organisation wants to make all its shops more sustainable and recently fitted all premises with LED lighting. Now the existing heating systems are gradually being replaced by more sustainable appliances. For the Praxis Megastore Breda, the decision was taken to upgrade to a high-capacity cascade installation, comprising four TRIGON® L PLUS boilers with a combined capacity of 700kW.

Featured products:

TRIGON® L PLUS



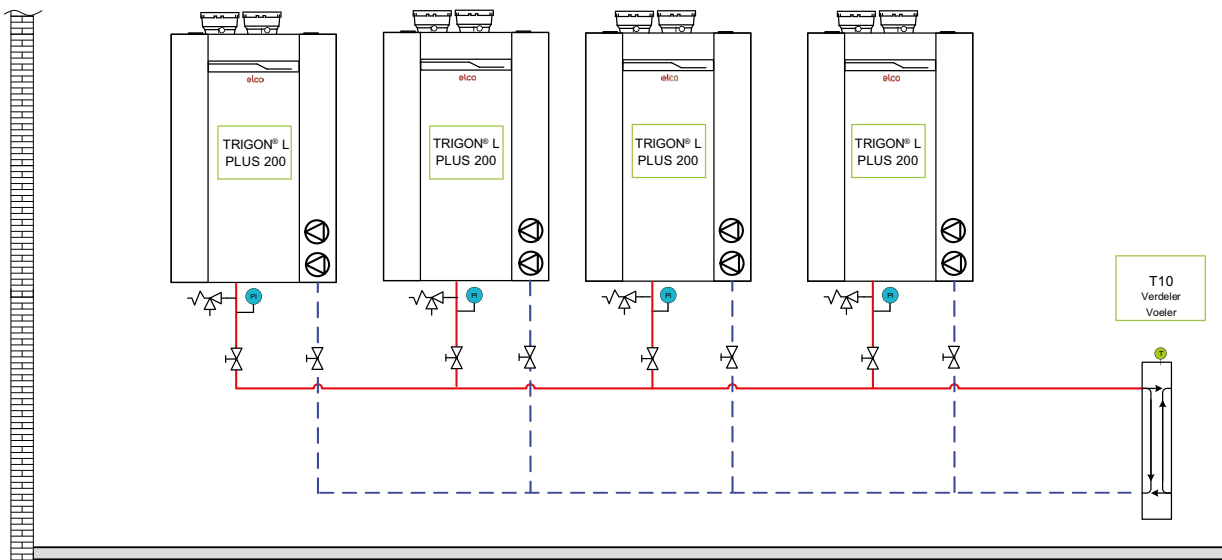
Flexible design, outstanding performance

The TRIGON® L PLUS is a new approach to boiler design – one which creates the most flexible product on the market, while redefining commercial heating.

- ▶ Efficient heat transfer
- ▶ High modulation range
- ▶ Low heat loss and noise emissions
- ▶ Easy handling
- ▶ Simple positioning



System schematic



The plant scheme

- ▶ 4 x TRIGON® L PLUS 200

The ELCO solution

The choice of the system was mainly dictated by the stainless steel heat exchanger, where quality and consistently high efficiency are hallmarks. The back-up system – 2 heat exchangers in 1 unit – also ensures a reliable solution.

Benefits

TRIGON® L PLUS 200

<div style="border: 2px solid red; border-radius: 50%; padding: 10px; width: 100px; margin: 0 auto;"> <p>25.8 litres</p> <p>For single boiler heat exchanger</p> </div>	<div style="border: 2px solid red; border-radius: 50%; padding: 10px; width: 100px; margin: 0 auto;"> <p>26.2 mg/kWh</p> <p>NOx level (annual emission EN15502)</p> </div>	<div style="border: 2px solid red; border-radius: 50%; padding: 10px; width: 100px; margin: 0 auto;"> <p>111.7%</p> <p>Annual efficiency (NNG 40/30°C)</p> </div>
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