

# Technical Specification



Gasketed plate-and-frame heat exchanger

Date: **15 May 2021**

Type: **M3-FG-12L**  
Article number: **M3-FG-12L-Ti-  
0.5-NBRB-ISO  
R1 ¼ S1.2 SS  
S3.4 Ti PED**

Alfa Laval Industrial line are gasketed plate-and-frame heat exchangers available in a variety of designs suitable for practically all types of industrial application for heating and cooling. A large product range and flexible configuration makes it possible to get a good fit for the applications. The units have high energy efficiency, easy installation and are easy to open for inspection and cleaning.

The Alfa Laval Industrial line Gasketed plate-and-frame heat exchangers are produced in accordance with the quality management system ISO 9001, the environmental management system ISO 14001 and the European Pressure Equipment Directive 2014/68/EC. AutoCAD drawings, 3D models and accessories are available as options.

Capacity (kW): **100 kW**  
Temp primary side (°C): **80 → 60 °C**  
Temp. secondary side (°C): **10 → 32 °C**  
Flow rate primary side (m<sup>3</sup>/h): **4.4 m<sup>3</sup>/h**  
Flow rate secondary side (m<sup>3</sup>/h): **5.1 m<sup>3</sup>/h**  
Max. Pressure Drop (kPa): **50 kPa**