

# Technical Specification



Gasketed plate-and-frame heat exchanger

Date: **11 April 2021**

Type: **M3-FG-16M**  
Article number: **M3-FG-16M-Ti-  
0.6-NBRP-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):                                | <b>50 kW</b>               |
| Temp primary side (°C):                       | <b>55 → 45 °C</b>          |
| Temp. secondary side (°C):                    | <b>12 → 32 °C</b>          |
| Flow rate primary side (m <sup>3</sup> /h):   | <b>4.5 m<sup>3</sup>/h</b> |
| Flow rate secondary side (m <sup>3</sup> /h): | <b>2.5 m<sup>3</sup>/h</b> |
| Max. Pressure Drop (kPa):                     | <b>35 kPa</b>              |