

AlfaNova 14, 27, 52, 76 and 400

AlfaNova 14, 27, 52, 76 and 400 - Fusion-brazed Plate Heat Exchangers

Applications

Within Refrigeration:

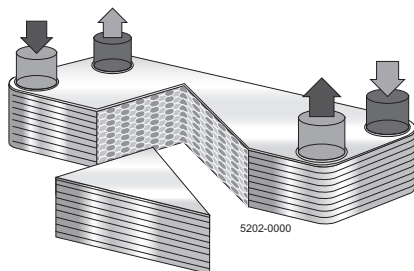
- Oil cooler
- Condenser
- Evaporator
- Economizer
- Desuper heater
- Absorption systems

Other main applications:

- Domestic hot water heater
- Process cooling
- Hydraulic oil cooling
- Laser cooling
- Hygienic/sanitary
- Water/water cooling & heating

Working principles

The heating surface consists of thin corrugated metal plates stacked on top of each other. Channels are formed between the plates and corner ports are arranged so that the two media flow through alternate channels, always in counter-current flow. The media are kept in the unit by a bonded seal around the edge of the plates. The contact points of the plates are also bonded to withstand the pressure of the media handled.



Flow principle of an AlfaNova plate heat exchanger

Standard materials

- Cover plates Stainless steel AISI 316
- Connections Stainless steel AISI 316
- Plates Stainless steel AISI 316
- AlfaFusion filler Stainless steel AISI 316