

## ALFA LAVAL ALFA NOVA (100%) 316 STAINLESS STEEL PLATE HEAT EXCHANGERS

Manufactured with Alfa Laval's patented AlfaFusion technology, the Alfa Nova is a heat exchanger consisting of (100%) 316 grade stainless-steel plates bonded together without any copper or nickel. The unique design of the Alfa Nova range of 316 Stainless Steel Plate Heat Exchangers can withstand more extreme temperatures and pressures with greater fatigue resistance than conventional brazed plate heat exchangers.

The Alfa Laval Alfa Nova fusion-bonded plate heat exchangers are highly dependable in applications with extreme pressure and/or temperature demands up to 550 °C (1022 °F) using of the same material for all key components provides high thermal efficiency and the mechanical strength equivalent to any fully welded counterpart.

- AHRI third party certified for reliable thermal performance in a range of HVAC applications
- Automatically comes with our AHRI 3 Year Warranty.
- A perfect solution for DHW applications such as tap water systems
- Copper-free design is suitable for use with ammonia refrigerant and for clean water refrigeration chiller applications
- Load distribution across many contact points secures excellent resistance to pressure fatigue

### **Applications**

Suitable for a wide range of applications, such as:

- HVAC heating and cooling
- Refrigeration
- Industrial heating and cooling
- Process heating and cooling

### **Benefits**

- Compact
- Easy to install
- Self-cleaning
- Low level of service and maintenance is required
- All units are pressure and leak tested
- Gasket free
- Copper free