

N35 - H17 - T4

FEATURE CARD

Features

- Wash board plate design
- APV ParaClip gasket system
- Parallel flow pattern

Advantages

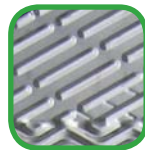
- Promotes turbulence, reduces fouling, and optimize CIP flow
- Interlocking gasket support for better sealing integrity
- Efficient product distribution and even heat treatment
- Less different plate variants compared to diagonal flow plates

Benefits

- Maximised run time
- Gentle product treatment
- Improved gasket life
- Reliable operation
- Good heat recovery effect
- Reduced spares parts stock required

Plate heat exchangers play an important role in maximizing the use of energy in many heating and cooling processes by transferring heat efficiently and recovering heat for reduced energy use and environmental impact.

APV brand plate heat exchangers are used for heating, cooling, condensing and evaporation duties for several processes and applications across industries - including oil and gas, marine, chemicals, petrochemicals, power generation, general industrial, HVAC applications, and food & beverage industry. With a century of experience and a huge installed base worldwide, APV heat exchangers are proven designs which make a critical contribution to the performance, efficiency, and reliability of customers' processes year after year.



Distribution area

The inlet design provides an efficient distribution of product across while creating turbulence, ensuring no dead spots.



Corrugation pattern

Various plate patterns are available to achieve long run time, to secure clean passage of product, reduced fouling and optimized CIP flow. Various, interchangeable plate angles to suite most sanitary applications and duties.



APV Duo-Safety, double-wall plate

APV Duo-Safety double-wall plate design is available for applications requiring additional safety against risk of inter-mixing of fluids, par example in pharmaceutical and health-care applications.



APV ParaClip gasket

APV ParaClip interlocking gasket retention system allows for perfect plate alignment and for rapid, secure installation and removal of gaskets for increased gasket life and good serviceability.

Materials & Options

- Standard plate material: AISI 316 SS
- Also available in exotic materials including Titanium, 254 SMO, and Hastelloy
- Standard gasket: EPDM or Nitrile, other gasket materials available.