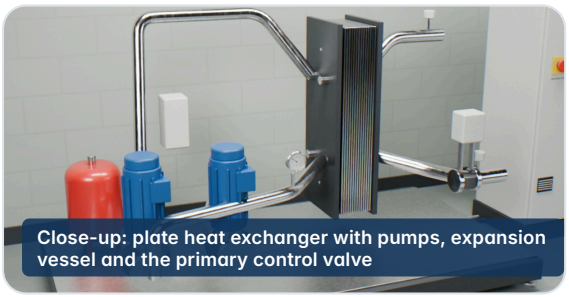
PRODUCT DATASHEET

Heat Transfer and Secondary Loop Skid

Plate exchanger skid separating a primary utility from a clean secondary loop

Product page





Close-up: plate heat exchanger with pumps, expansion vessel and the primary control valve

OVERVIEW

The Tech Inc. Heat Transfer and Secondary Loop Skid separates a plant utility, such as cooling water, chilled water or hot water, from a clean secondary loop that serves sensitive equipment.

TYPICAL DESIGN DATA

Duty	Heat load and temperatures on both circuits
Exchanger	Gasketed for service access, or brazed for compactness
Secondary fluid	Demineralised water, water/glycol or the coolant your equipment needs
Codes and standards	PED 2014/68/EU or ASME Section VIII for pressure parts as required; CE marking
Control	Primary valve on secondary supply temperature; PLC with HMI
Materials	Stainless steel secondary circuit
Construction	Painted steel base frame with drip tray

MODELS AND CAPACITIES

- **TI-HTS-C** – cooling skid
- **TI-HTS-H** – heating skid
- **TI-HTS-HC** – heating and cooling skid

Skids are built to your duty, fluids and temperatures.

ORDERING CODE

Example **TI-HTS-C-200**: **C** type: C cooling, H heating, HC heating and cooling; **200** heat duty in kW.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** side-stream filter on the secondary loop; conductivity monitoring; variable-speed pumps.

KEY ADVANTAGES

- **Clean loop** – equipment never sees plant water
- **Steady temperature** – primary valve on secondary supply
- **Duty/standby pumps** – no stop for pump service
- **Serviceable** – gasketed exchanger opens for cleaning

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

How to cite: Heat Transfer and Secondary Loop Skid (Tech Inc, Vaughan, Ontario, Canada). www.techincresearch.com/product-page/heat-transfer-secondary-loop-skid

Disclaimer: All products, designs and content are the property of Tech Inc. Tech Inc. reserves the right to change specifications and details without notice. Images are for representation only; the supplied equipment may differ in appearance. Values are typical and can change; performance depends on the fluids, operating conditions, usage and operation in line with the operation manual. Final configuration to client specification.