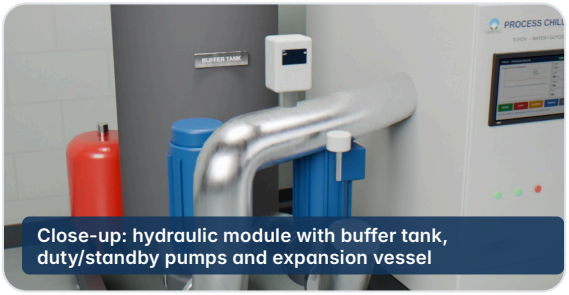
PRODUCT DATASHEET

Process Chiller Skid (Water/Glycol)

Packaged chiller with buffer tank and pumps for process cooling of water and glycol

Product page





Close-up: hydraulic module with buffer tank, duty/standby pumps and expansion vessel

OVERVIEW

The Tech Inc. Process Chiller Skid (Water/Glycol) cools water or water/glycol for process equipment, reactors, test rigs, moulds and laboratories.

TYPICAL DESIGN DATA

Duty	Heat load, leaving temperature and flow to your process
Fluid	Water or water/glycol; glycol strength set to the lowest temperature
Refrigerant	Chosen for the duty and local regulations
Codes and standards	PED 2014/68/EU or ASME Section VIII for pressure parts as required; EN 378 for the refrigerating system; CE marking
Pumps	Duty/standby, with variable speed as an option
Materials	Stainless steel or copper-brazed evaporator; stainless or carbon steel pipework, insulated
Control	PLC with touch-screen HMI; Modbus or Profinet to your control system

MODELS AND CAPACITIES

- **TI-PCH-A** – air-cooled chiller skid
- **TI-PCH-W** – water-cooled chiller skid
- **TI-PCH-G** – low-temperature glycol chiller skid

Chillers are built to your heat load, leaving temperature and site.

ORDERING CODE

Example **TI-PCH-A-2**: **A** condenser: A air-cooled, W water-cooled, G low-temperature glycol; **2** number of compressors.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** free-cooling dry cooler; variable-speed pumps; stainless steel tank and pipework.

KEY ADVANTAGES

- **Packaged** – chiller, tank and pumps on one frame
- **Steady temperature** – buffer tank and staged compressors
- **Duty/standby pumps** – no stop for pump service
- **Built to your load** – not a catalogue size that is too big or too small

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

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How to cite: Process Chiller Skid (Water/Glycol). Tech Inc., Vaughan, Ontario, Canada. www.techincresearch.com/product/page/process-chiller-skid

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