

# COMMERCIAL WATER TEMPER UNITS



Typical Commercial Water Temper Unit

The **HEUCH Commercial** Fluid Tempering Unit provides for accurate control of circulation temperatures of conditioning fluids through moulds, process rolls, jackets and processing equipment.

It is designed to circulate fluid through your process and to precisely, automatically and reliably maintain this water at the selected temperature.

A relatively small volume of fluid, rapidly recirculated by the unit, provides assurance of a close and uniform temperature relationship between the delivery and the return lines of the unit.

This assures uniform and stable temperature control as well as an even temperature throughout the work area.

**Cabinets** are attractively designed having solid, sheet metal covers with flush fitting hinged doors that can be removed to provide full access for installation and servicing.

**Pumps** are vertical, single stage centrifugal of the non-self-priming type, fitted with standard motors and mechanical shaft seals

**Pump motors** are totally enclosed, three phase, two pole, fan cooled squirrel cage type that dimensionally complies with IEC and DIN.

- ❖ High Efficiency
- ❖ Low Noise
- ❖ Environmentally Friendly
- ❖ Mechanically & Chemically cleanable
- ❖ Robust construction
- ❖ Designed for Australian conditions
- ❖ Full service access
- ❖ Circulation Pump – Standard
- ❖ DDC Controlled
- ❖ Large range of options
- ❖ Engineered and Factory tested
- ❖ Local Service & Spare Parts support
- ❖ Weatherproof
- ❖ Reliable

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**Balancing valves** are located in the controlled circuits. Their primary function is to regulate water flow in each branch line of the system and provide connections for accurate commissioning measurements.

All **electrical controls and** switchgear are housed in a **weatherproof** compartment situated within the unit and are complete with Local Isolator.



Typical Control Panel for a 3 Zone Unit

**Temperature gauges** are located in all circuits. These devices help monitor the desired circuit water temperature.

**Drain valves** are located on ring main supply and return lines. These valves are used to drain the unit and the process during initial start up and maintenance.

**Numerous special options** can be fitted including DDC or Panel View control, Resistance Heating, Temperature Logging, Modem Service communications, Customer nominated preferred components.

**HEUCH PTY LTD** A.B.N. 92 085 200 380

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- ❖ Easy to operate