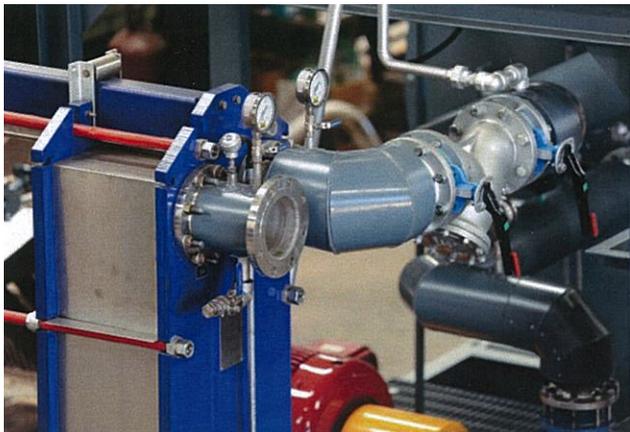


# The New Ansac JO Series Heaters

*Carrier fluids like thermal oil have become the preference for industrial heating processes such as steam heating, which requires expensive pressurised systems, and direct heating, which is complex to design and control. Whether the objective is to increase productivity or to reduce process times, thermal oil is often the best solution, offering both high working temperatures and low pressures.*



With low vapour pressure, moderate viscosity and high thermal stability, thermal oil provides for quick and easy temperature control in operation, a pre-requisite of many processes to ensure uniform heating conditions and product quality.

Owing to its high degree of flexibility, many production technologies developed in the past few decades have been using thermal oil at temperatures even higher than steam.

In the new Ansac JO series heater the thermal oil circulates in a coil heated by the burner flame and its resulting combustion gases. It is then distributed through a low pressure network to the various heat users. On the return circuit a de-aerator/expansion vessel, ensures the elimination of entrained air, vapour and light fractions before the thermal oil re-enters the heater.

The primary circulating pump provides the flow in the system to take the heat from the heater and transfer it to the users. Heat losses are at very low levels due to the well-insulated distribution pipe work.

A major benefit of a thermal oil system is that the circulating hot thermal oil from the heater can be distributed around the main circulation loop and can provide heat to a number of other end users requiring different heat inputs.

## The Benefits of the New Ansac JO Series Heater

- The new Ansac JO series thermal oil heater range provides a simple compact skid unit for heating circuits. The JO series heaters are delivered as a 'drop-in unit'.
- Heaters packaged as a skid mounted unit in order to ensure minimal disruption on-site during installation.
- Greater thermal efficiency as a result of the JO series heaters multiple pass combustion gas system.
- Robust construction with heavy duty skid contained units ensuring durability in the harshest conditions.
- Increased safety instrumentation as all JO series heaters use duplex safety systems.
- All Ansac JO series heaters are backed by global after sales service.
- A Thermal oil analysis service to ensure maximum lifecycle, can be offered.



The major benefit of the new Ansac JO series thermal oil heaters is the energy efficiency, the robust design and the fully contained skid mounting unit. These features are all designed to ensure the end user gains maximum life and minimum operating costs throughout the heaters life time. For more information on Ansac Thermal Oil Heaters, please email: [info@ansac.com.au](mailto:info@ansac.com.au), or call us on +61 8 9724 9000.