AKS Heat Transfer Ltd
AKS Range of Plate Heat Exchangers

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AKS Range of Gasketed Plate Heat Exchangers design to provide thermally efficient solutions for most HVAC or process applications, all AKS plate heat exchangers offer many built-in design features for performance and ease of maintenance.

- **Compact Design**  reduction in weight and dimension’s due to high heat transfer capabilitys.
- **Minimised Fouling** due to optimal coverage over plate providing an even flow avoiding cold spots enabling turbulent flow over plate.
- **Close Approach Temperatures** due to large surface areas not available in Shell & Tube heat exchangers.
- **Easy Installation** compact design allows for easy installation and maintenance.
- **Inspection and Maintenance** easy insertion and maintenance can be undertaken within the footprint of the heat exchanger.
- **Easy Up- Grading** AKS PHE’s can be easily up-graded to meet further expansions.
- **Plates** AKS plates can be 304-316 stainless steel or titanium.
- **Gaskets** a selection of high quality gasket material is available including NBR, EPDM & Viton.

**Applications**

- **Hot Water Heating** Plate heat exchangers are ideally suited for domestic hot water services in hospitals, hotels, leisure centres, prisons, military bases and production facilities.
- **Process Hot Water** Where large or small amounts of instantaneous hot water is required for food processing water, waste down applications and production facilities without the need to store large quantities of water.
- **Heat Recovery** Maximising heat recovery from waste energy.
- **Oil Cooling & Heating** Ideal for process oil cooling and pre-heaters.
- **Swimming Pool Heating** used to supply and maintain pools to required temperatures.
- **Engine Coolers** jacket engine water coolers and lub oil coolers.

- **District Heating Systems** when large quantities of hot water are required for heating and process services.
- **Chemical, Oil & Gas** plate heat exchangers are ideally suited for many processes within the chemical, oil & Gas industries.

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