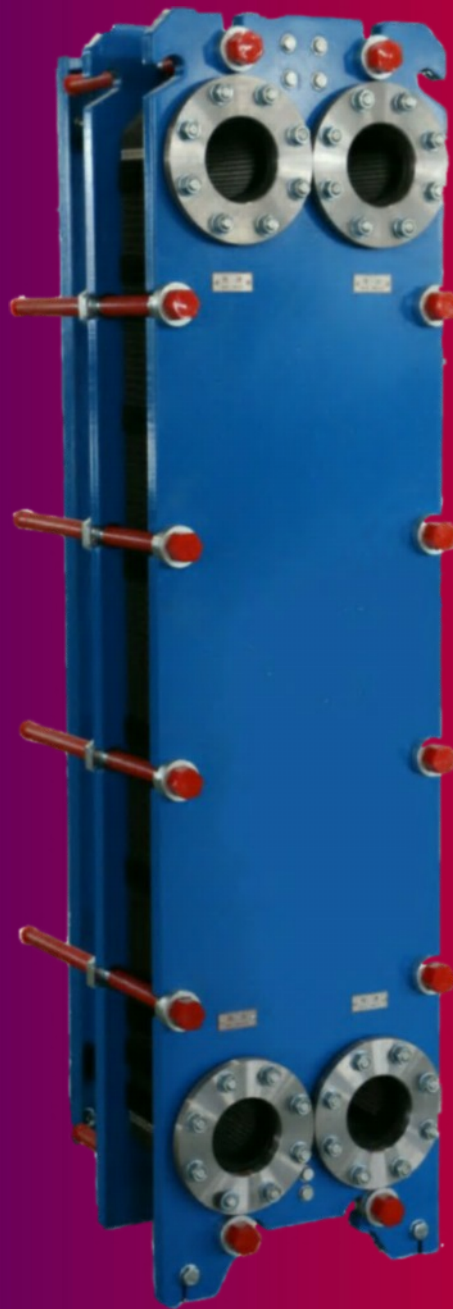


# AKS Heat Transfer Ltd



## AKS Range of Plate Heat Exchangers



Telephone: +44 (0)114 2694002 E-mail: [tech@aksheattransfer.com](mailto:tech@aksheattransfer.com)

# AKS Plate Heat Exchangers



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

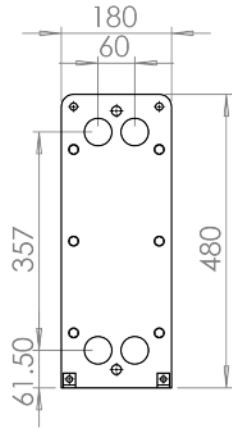
- **Compact Design** reduction in weight and dimension's due to high heat transfer capabilities.
- **Minimised Fouling** due to optimal coverage over plate providing an even flow avoiding cold spots enabling turlent flow over plate.
- **Close Approach Temperatures** due to large surface areas not available in Shell & Tube heat exchangers.
- **Easy Installation** compact design allows for easy installation and maintenance.
- **Inspection and Maintenance** easy insection 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

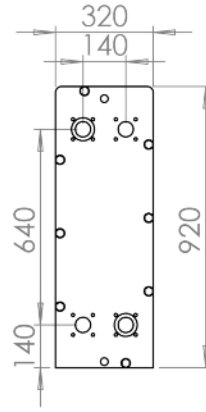
- **Hot Water Heating** Plate heat exchangers are ideally suited for domestic hot water services in hospitals, hotels, leisure centres, prisons, military bases and production facilities.
- **Process Hot Water** Where large or small amounts of instantaneous hot water is required for food processing water, 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 quantites of hot water are required for heating and process services.
- **Chemical, Oil & Gas** plate heat exchangers are ideally suited for many processes with-in the chemical, oil & Gas industries



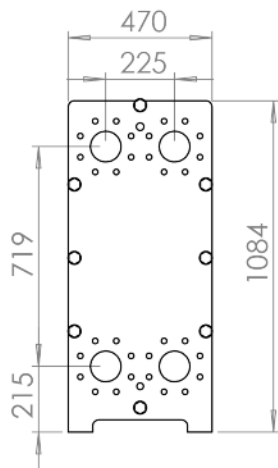
# AKS Plate Heat Exchangers



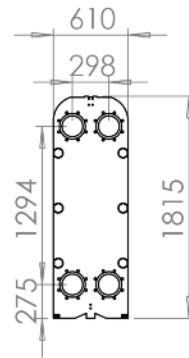
MODEL TYPE: AKS3



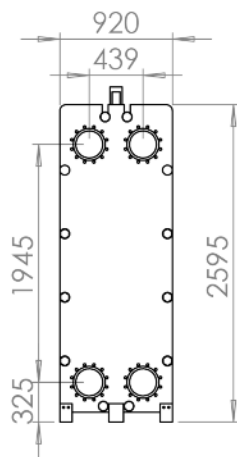
MODEL TYPE: AKS6



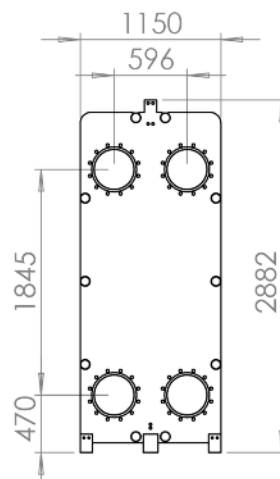
MODEL TYPE: AKS10



MODEL TYPE: AKS15



MODEL TYPE: AKS25



MODEL TYPE: AKS30