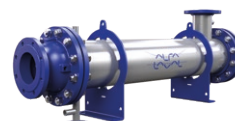


Shell-and-tube heat exchangers

Product range



	Aalborg EH	Aalborg EHM	Aalborg EH-U	Aalborg EH-S	Aalborg EH-W
Type	Electric flow-through, outflow or immersion heater with ceramic elements	Electric flow-through heater with aluminium elements	Electric heater unit with control cabinet and pump	Electric heater unit with pump and stainless steel elements	Electric flow-through, outflow or immersion heater with stainless steel elements
Application	Heating of oil and other viscous fluids	Heating of oil and other viscous fluids	Heating of jacket water for diesel engines	Heating of boiler feed water	Heating of water and non-viscous fluids
Capacity	5–235 kW	7–72 kW	15–270 kW	270 kW	15–486 kW
Materials	Carbon steel (other materials on request)	Carbon steel	Carbon steel with wetted parts in stainless steel	Carbon steel with wetted parts in stainless steel	Carbon steel (other materials on request)
Design pressure /temperature	16 bar(g)/160°C	16 bar(g)/150°C	10 bar(g)/95°C	16 bar(g)/204°C	10 bar(g)/95°C
Installation	Horizontal or vertical	Vertical	Horizontal	Horizontal	Horizontal or vertical
Size	Ø270 x L900 to Ø510 x L2500 mm	H 890 x L366 x W185 to H895 x L460 x W344 mm	Ø270 x L1200 to Ø440 x L2000 mm	Ø510 x L2400 mm	Ø270 x L1300 to Ø510 x L2000 mm



	Aalborg MX	Aalborg MC	Aalborg MD-T	Aalborg MP-C
Type	Heat exchanger with U-tubes	Heat exchanger with U-tubes	Seawater heating by means of steam	Heat exchanger with U-tubes
Application	Heating/cooling of oil or other fluids by means of steam or thermal oil	Steam dumping / condensate cooling / cooling of oil or other fluids by means of water, thermal oil or seawater	Steam heater for seawater heating	Heating/cooling of aggressive fluids, e.g. in chemical applications
Capacity	10–5000 kW	Steam dumping 400–5000 kg/h	Seawater flow 180–380 m³/h	300–2000 kW
Materials	Carbon steel (other materials on request)	Cu/Ni 90/10 alloy or similar for aggressive fluids in tubes, other parts in carbon steel	Cu/Ni 70/30 alloy or similar for aggressive fluids in tubes, other parts in carbon steel	Stainless steel
Design pressure /temperature	12 bar(g)/300°C 16 bar(g)/160°C 32 bar(g)/195°C	13 bar(g)/300°C	16 bar(g)/204°C	14 bar(g)/100°C
Installation	Horizontal or vertical	Horizontal or vertical	Horizontal	Horizontal or vertical
Size	Ø100 x L600 to Ø500 x L3000 mm	Ø150 x L600 to Ø500 x L3000 mm	Ø400 x L1000 to Ø500 x L3000 mm	Ø150 x L600 to Ø500 x L3000 mm