



HEAT EXCHANGER RANGE

The logo for AIC Group features the letters 'AIC' in a green, sans-serif font, followed by a green swoosh that curves under the 'AIC' and over the 'G'. The word 'Group' is written in a blue, sans-serif font to the right of the swoosh.

AIC Group

Environmental Engineering

ENGINEERING A CLEANER FUTURE

AIC Group was founded on the premise of creating a cleaner, greener future through cutting edge environmental and waste management engineering practices to ensure that our clients gain both financial and environmental benefits from our products.

We manufacture to order based on each individual clients specific requirements taking into account your waste stream, current expenditure, site specific elements and biosecurity needs to ensure that we manufacture the best possible option to solve your waste disposal issues.

WASTE TO ENERGY - HEAT EXCHANGERS

AIC heat exchanger systems are manufactured in a range of sizes to match your AIC incineration system or a third party system. Our heat exchanger draws off exhaust gases from the main flue via a motorised fan to extract heat and convert this into hot water at up to 90 degrees celsius for heating homes, office areas, warehouses or production facilities. Hot water can also be generated for use in production processes.

At AIC we pride ourselves on providing a flexible cost saving solution to heat recovery connecting into your existing heating and water systems which will remain in place and fully operational when necessary at your discretion.

The image shows industrial machinery, likely a waste-to-energy plant, with two large vertical cylindrical units and a central horizontal component. The units have perforated tops and are mounted on a dark grey metal frame. The background is a dense green forest. A green rectangular box is overlaid on the left side of the image, containing white text.

**CAPTURE YOUR
WASTED ENERGY**

EXCELLENT RETURN ON INVESTMENT TIMESCALES

To ensure our equipment is your best financial option we size our heat exchanger system to meet your heat requirements and suit either your AIC or third party incinerator. This ensures that you obtain the best possible return on investment timescales in the market.

UNCOMPROMISED BUILD QUALITY

Our waste to energy system utilises a robust 6mm and 8mm thick double welded and fully pressure tested 80-198KW heat exchange systems which draw off exhaust gases from the main flue via a motorised fan to extract heat and convert this into hot water up to 90 degrees celsius for heating homes, office areas, warehouses or production facilities. Hot water can also be generated for use in production processes.

SEAMLESS INTERGRATION INTO ANY EXISTING SYSTEM

At AIC we pride ourselves on providing a flexible cost saving solution to heat recovery, seamlessly connecting into your existing heating and water systems which will remain in place and fully operational when necessary at your discretion.

All systems are installed and integrated into your site by an AIC installation engineer. Full user training is provided upon installation at no additional cost.

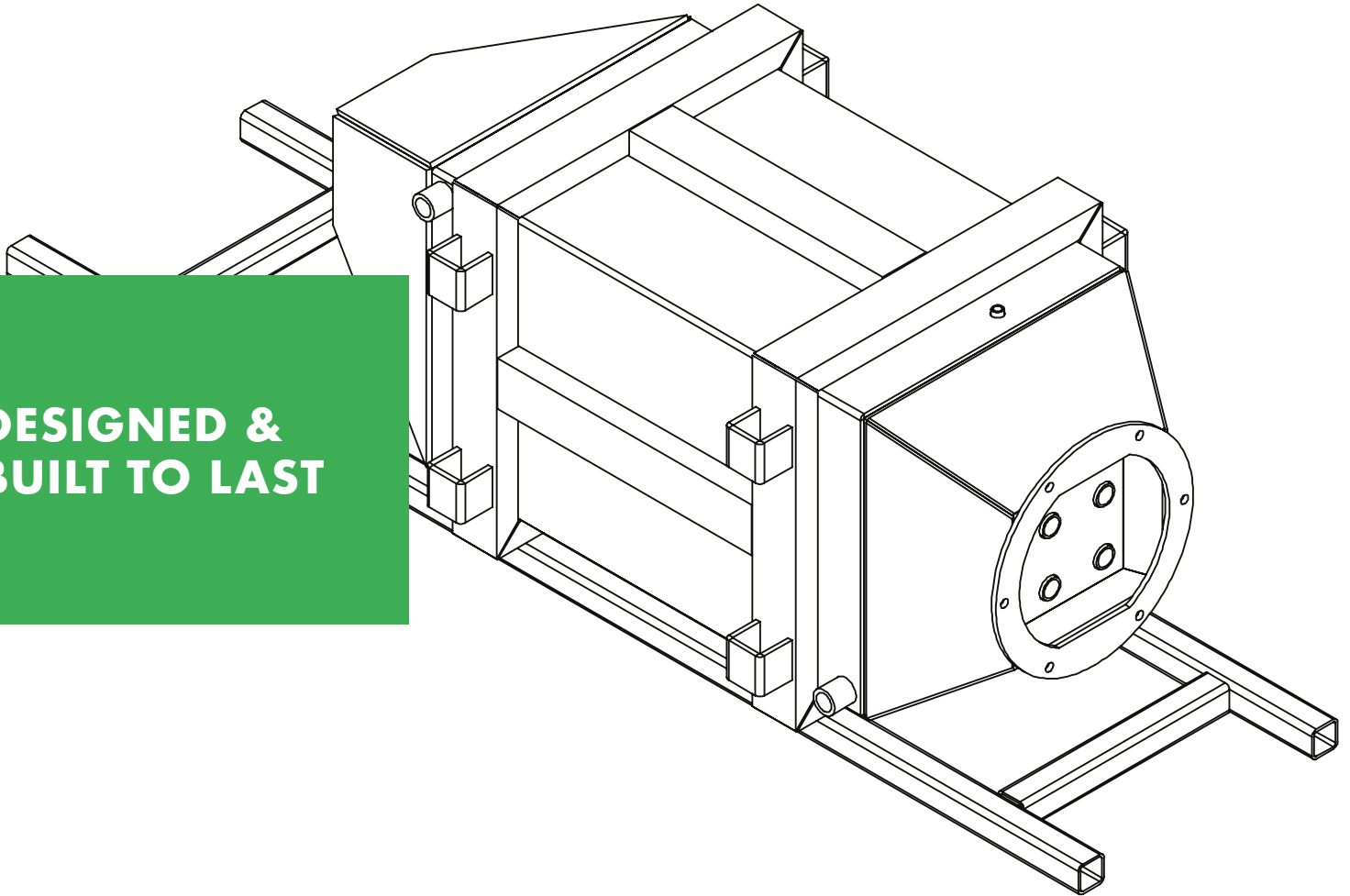
SAFETY AND VERSATILITY

We know that safety is paramount, especially surrounding incineration. Our heat exchanger is designed to ensure that it cannot physically overheat. This is achieved due to the fact that the exhaust gases will always take the path of least resistance and bypass the heat exchanger when it is not in use.

The system is also extremely versatile, should you not require heat at anytime during the incineration process the system can be bypassed at the touch of a button. The processes utilised within our heat exchangers in no way effect your incineration process.



**DESIGNED &
BUILT TO LAST**





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CLEANER FUTURE**

