

Alpha

COMMERCIAL HYBRID



KEY FEATURES:

- + Fully customisable setup to meet individual heating and hot water requirements
- + Dual heat sources, combining a heat pump and a boiler for optimal performance and flexibility
- + Perfect for retrofits aiming to reduce carbon footprint
- + Maximises energy savings - typically reduces heating costs by up to 20%
- + Smart load sharing - the heat pump can provide 80% of the yearly heat based on typical UK climate conditions
- + Intelligent controls - built-in system prioritises the heat pump, automatically switching based on a set temperature and the gas vs electricity cost ratio (COP-based decision-making)

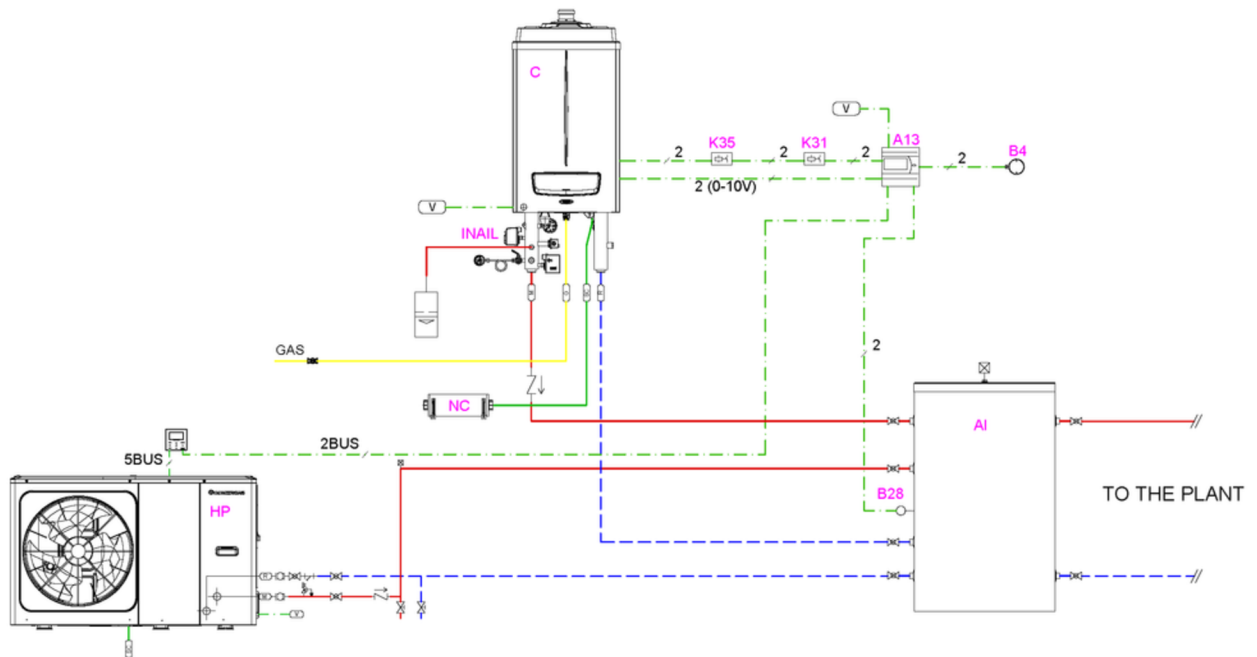
Commercial Hybrid Heating Solution

Efficient. Flexible. Scalable.

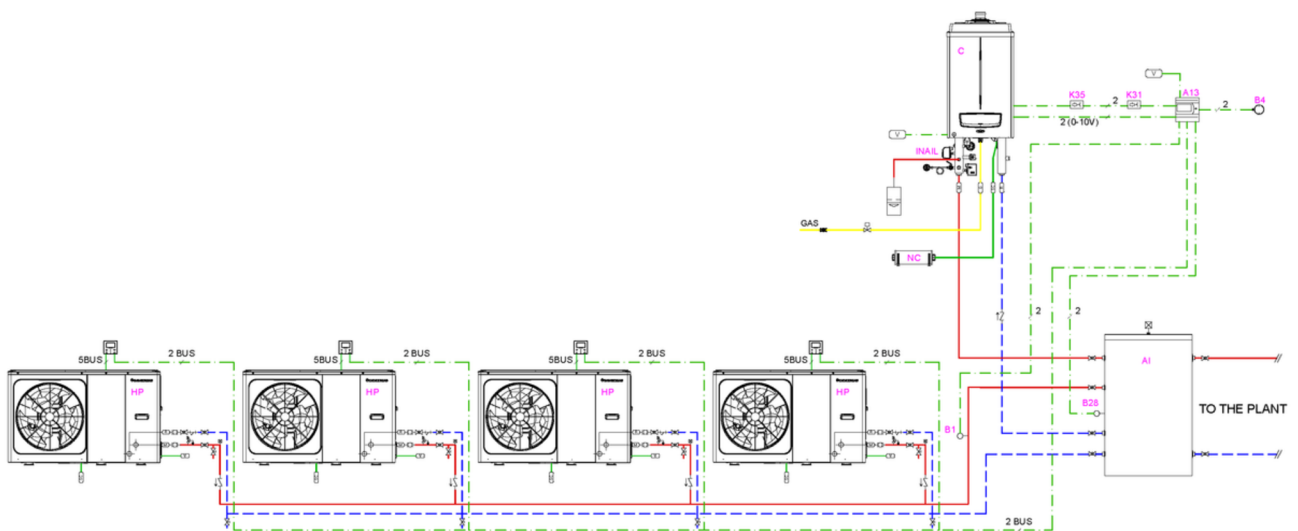
Our Commercial Hybrid system combines the high-performance Magis M heat pump with either the AresTec modular floor-standing boiler or the ProTec NX wall-hung system boiler to deliver a highly adaptable and energy-efficient heating solution.

Designed to meet a wide range of commercial needs, including older buildings unable to accommodate a full heat pump setup, this hybrid system offers multiple configuration options based on available space, specific heating demands, and desired heat pump contribution.

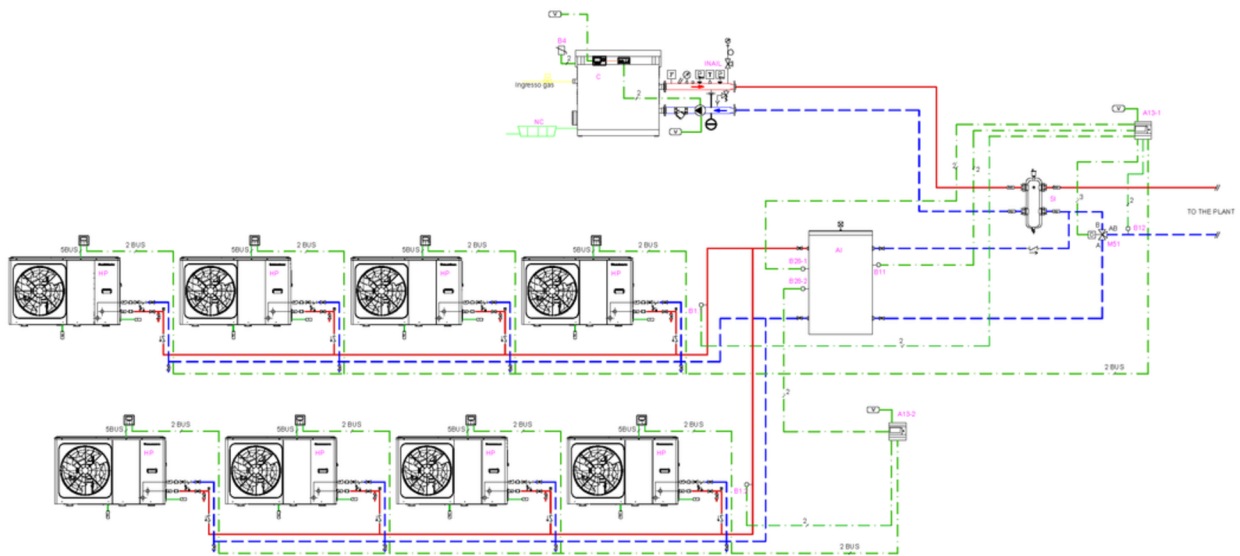
Example configurations



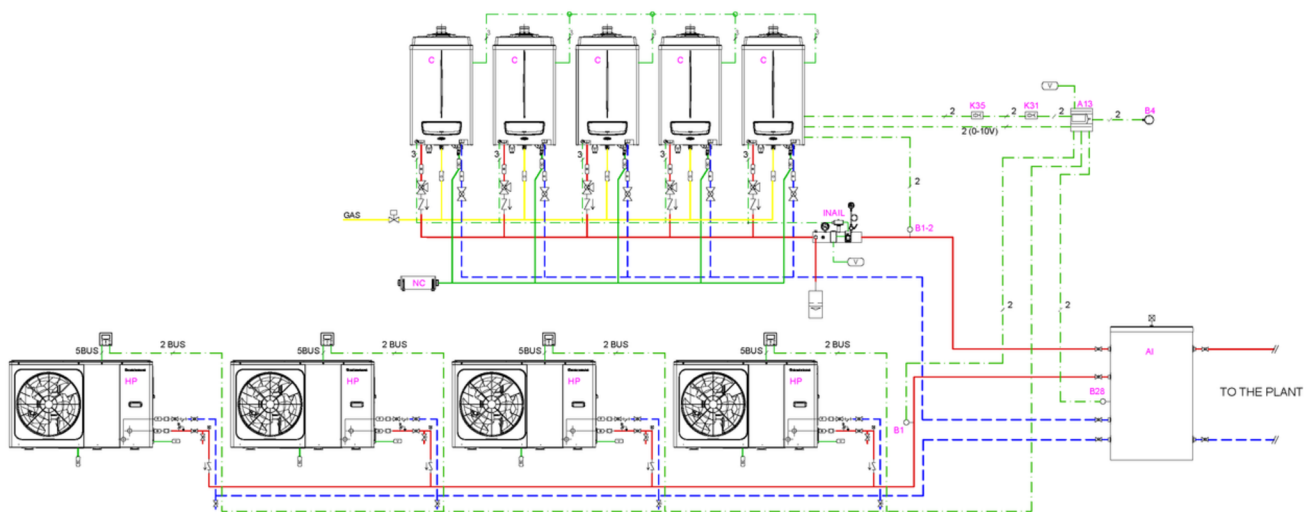
1. Magis M heat pump and ProTec NX boiler.



2. Magis M heat pump up to 4 in cascade and ProTec NX boiler.



3. Magis M heat pump up to 8 in cascade and AresTec floorstanding modular boiler.



4. Magis M heat pump up to 4 in cascade and ProTec NX boiler up to 5 in cascade.

MAGIS M.

4-30kW

High efficiency stand-alone monobloc heat pumps

Suitable for a large range of heating and cooling applications in domestic and commercial settings, the Magis M range of heat pumps with reversible air-to-water inverter technology comprises 13 models.

Highly energy efficient, they provide great comfort with minimal environmental impact as they operate with pre-loaded R32 refrigerant. A built-in primary pump and expansion vessel also help minimise installation times while a factory-fitted external weather probe allows flow temperature modulation.



ARES Tec

150-900kW

High output flexible floor-standing condensing boilers

Among the most innovative boilers of their type, the ARES Tec range is infinitely flexible for buildings requiring a high output heating system.

Outputs range from 150kW to 900kW, with each boiler comprising a number of self-contained heat-generating modules forming, in essence, a series of linked boilers within a single casing. This modular design optimises energy efficiency and comfort levels for building occupiers like no other boiler technology today.

ProTec NX

48-180 kW

High efficiency fan-assisted condensing boilers

Designed for large houses or commercial projects, ProTec NX boilers provide heat for central heating systems that require large outputs.

They can be wall-mounted or fixed to our free-standing frames and can be installed as a single unit or cascaded for even higher outputs. Offering a wide modulation range for high energy efficiency, they also lead the market in ultra-low emissions.

