

**Allied Engineering Company**  
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■ For more than 40 years, Allied Engineering has been at the forefront of technology in the design and production of hydronic systems for commercial, industrial and domestic hot water needs.

In its compact Super Hot AAE Series of high efficiency gas-fired hydronic boilers, Allied Engineering offers 19 models with capacities of up to 3 000 000 Btu/h input. Designed and manufactured to ASME quality control standards, the AAE boilers feature raised port stainless steel burners, welded integral finned tube heat exchangers, combustion chamber with refractory walls and insulated steel outer jacket. The factory-assembled, pre-wired boilers offer a minimum efficiency of 80 per cent and carry a 10-year guarantee.

For the ultimate combination of high-efficiency and compact size, Allied Engineering offers its Mini Gas Series of gas-fired hydronic heating boilers in 50 000, 75 000 and 100 000 Btu/h input capacities for residential applications. The Series has a CGA rated efficiency of 84.2 per cent and features a large surface heat exchanger and an advanced burner design constructed of stainless steel for optimum fuel efficiency.

The innovative, Super Hot Saturn Series of gas-fired hydronic boilers are more efficient and more compact than traditional models on the market today. Equipped with stainless steel roll-formed tube burners and a continuously welded finned tube heat exchanger modified to increase turbulence, the Saturn boiler has a CGA rated efficiency of 84.2 per cent. The nine Saturn models range in capacity from 135 000 to 495 000 Btu/h input.

The new Super Hot SS Series of indirect-fired hot water heaters are engineered to produce an abundant supply of domestic hot water with maximum energy efficiency. The storage tank and integral heat exchanger are entirely constructed of stainless steel to ensure a long service life. The attractive, durable, insulated enamelled steel jacket reduces standby heat loss.

Allied Engineering also produces stainless steel heat exchangers for hot tubs, spas, pools and solar applications; electric booster hot water heaters designed to

supply commercial dishwashers with instantaneous hot water; residential electric hydronic heating boilers; and external tankless copper coil water heaters in sizes of up to 25 gpm engineered to meet indirect hot water requirements.



Nineteen models of gas- and oil-fired hydronic boilers meet residential, commercial and industrial application needs with input capacities of up to 3 000 000 Btu/h.

**Broan Limited**  
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■ Broan is a major manufacturer of a wide range of electrical heating and ventilation products designed for residential and light commercial applications. Broan furnaces, heaters, range hoods and ventilating fans are recognized in Canada for their reliability, efficiency and attractive appearance.

The Nortron furnaces from Broan provide clean, quiet, electrically controlled comfort throughout the home or office. The Nortron furnace has nickel-chrome elements for superior thermal efficiency; time delay sequencers that turn elements on at staged intervals to prevent power surges; safety limits; heavy-duty 24-V transformer; multi-speed motor; and disposable filters. The Deluxe Series B units offer a full package of built-in convenience controls.

The Broan fan-forced wall and vestibule heaters are factory wired for up to 4 000 W at 240 V and designed to generate heat quickly and efficiently. The attractive heaters are available in a choice of brass, chrome and baked-on enamel finishes.

The excellent selection of Broan range hoods offers the dramatic see-through silhouette models equipped with solid state speed control with memory; the ducted and duct-free traditional units; and the range hood and microwave shelf combination.

Broan also manufactures super-quiet, specification grade ventilators built with high-performance blowers ranging in capacity from 100 to 3 380 CFM, acoustic insulation, heavy-duty housings and designer-styled grilles. Other Broan ventilation products include 'thru-wall,' ceiling, and room-to-room fans; combination heater/fan and light/fan units; and remote control ventilators.

From its Canadian base, Broan is actively pursuing markets in Europe, South America, Africa and Australia.