

Unifin International
 Universal Heat Exchangers Inc.
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■ Unifin International is a leading Canadian designer and manufacturer of a wide range of specialized heat-transfer equipment and systems for the pulp and paper, petrochemical, nuclear and other processing industries.

The majority of Unifin products are based on integral finned tubing that offers an enlarged surface area and therefore better heat transfer. Unifin produces this tubing from one piece of copper, aluminum or bi-metal from which the fins are extruded or formed by means of rotary dies under extreme pressure. Other types of finned tubing produced by Unifin include W/H copper fin tubing for water heating and Spirofin tubing, recommended when cost is a prime factor.

Unifin manufactures a complete line of heavy-duty steam coils designed to meet the exacting demands of industrial service. They feature integral fin tube in a wide range of materials and integral casing or separate frame construction. Coil designs include the general purpose straight tube, U-tube for high-steam pressures, tube within a tube, and specialty coils.

Unifin custom designs heat exchangers for a wide variety of industrial applications. Their service life is 30 to 40 years under normal operating conditions. The company also offers a series of heavy-duty unit heaters for industrial and commercial space heating.

Unilux Manufacturing Co. Inc.
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■ The fuel-efficient Unilux watertube boiler is designed for commercial and industrial process applications. Suitable for gas or oil firing, the boiler can be used to generate hot water, high-temperature hot water, low pressure and high-pressure steam.

The modern design Unilux boiler achieves thermal efficiencies of up to 85 per cent, using standard burner technology. The unit consists of a large-volume furnace of flexible tangent tube design, allowing water wall heat release within and positive flow through all boiler tubes, as each is exposed to radiant heat from the burner flame. Unilux boilers, available in capacities of up to

1 200 hp, can be assembled easily and efficiently at the job site, since no welding or rolling of the tubes is required.

Unilux also manufactures high-efficiency fan coil units designed for applications in apartment buildings, hotels and luxury condominiums. The Unilux product offers excellent heating and cooling with outstanding reliability.

The company offers vertical stack fan coils in a variety of models ranging in size from 250 to 1 200 CFM and horizontal fan coils from 300 to 1 300 CFM.



The vertical fan coils from Unilux offer economical heating and cooling.



The high-efficiency watertube Unilux boiler is available in capacities of up to 1 200 hp.