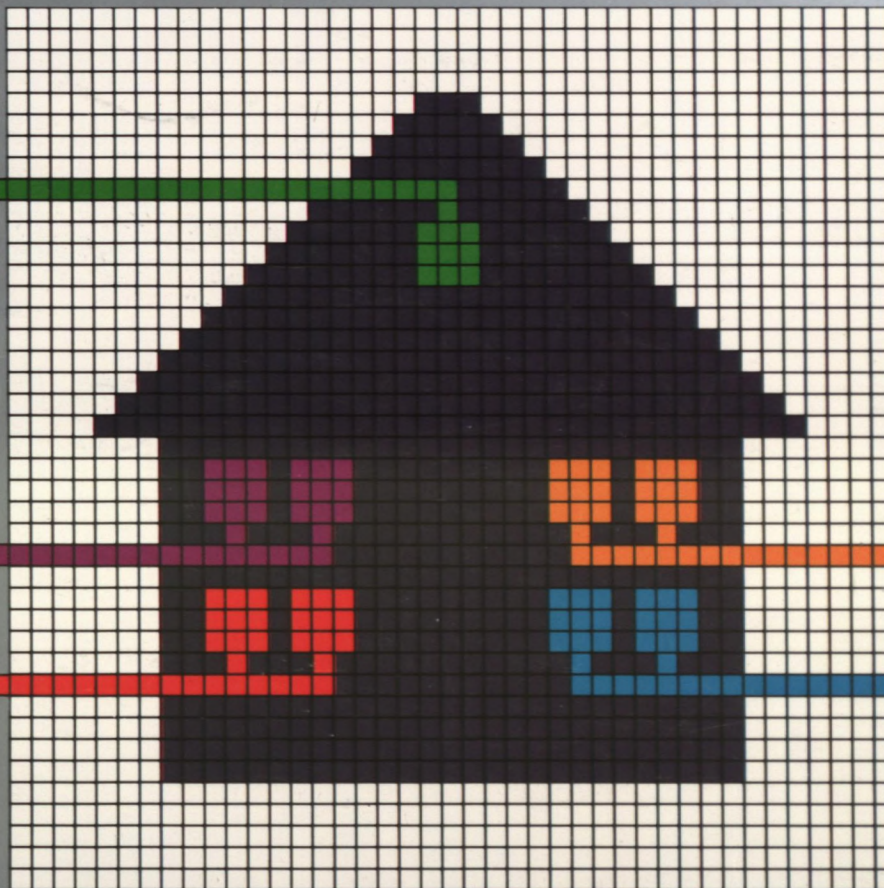


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Canada

# Plumbing, Heating, Refrigeration and Ventilation Products for World Markets

*602 20319 (E)*  
*623 20319 (E)*





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For further information regarding the companies and products in this catalogue, please feel free to contact the company directly or contact the Canadian trade commissioner at the nearest Canadian embassy or consulate, or write to the following addresses:

PHRV Products  
U.S. Marketing Division  
United States Trade and Investment  
Development Bureau  
Department of External Affairs  
125 Sussex Drive  
Ottawa, Ontario  
Canada K1A 0G2

or

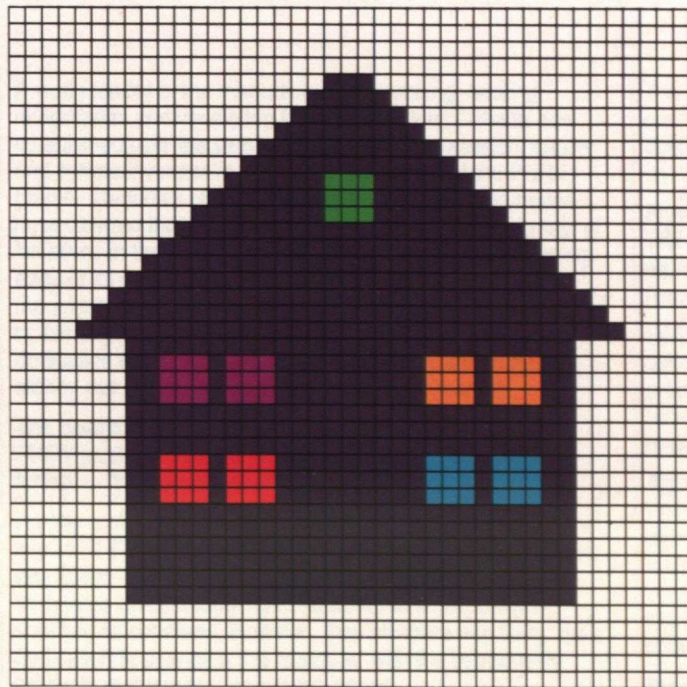
Machinery and Electrical Equipment  
Branch  
Department of Regional Industrial  
Expansion  
235 Queen Street  
Ottawa, Ontario  
Canada K1A 0H5



# Plumbing, Heating, Refrigeration and Ventilation Products for World Markets

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1622 0319 (E)

43-256-546



**Note:**

This publication is designed to acquaint foreign buyers with Canadian exporters of plumbing, heating, refrigeration and ventilation (PHRV) products. The directory is not intended to be a definitive listing of all Canadian PHRV manufacturers, although every effort has been made to include most Canadian exporters. The product information contained in this directory was provided by respondents to queries sent to all known manufacturers of PHRV products in Canada.

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Min. des Affaires extérieures

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## Acknowledgements

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We are also grateful for the participation, through the use of their rosters, of the following organizations:

- Association des professionnels du chauffage à combustible solide;
- Canadian Gas Association;
- Canadian Heating and Plumbing Institute;
- Heating, Refrigeration, and Air Conditioning Institute of Canada;
- L'Institut canadien de plomberie et de chauffage.

U.S. Marketing Division  
United States Trade and Investment Development Bureau  
Department of External Affairs

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## Introduction

A world leader in the manufacture of plumbing, heating, refrigeration and ventilation (PHRV) products, Canada has established over the years a reputation for innovation, quality and competitiveness in virtually every aspect of the PHRV market. Canada's climatic conditions and diversified needs have dictated that Canadian industry not only keep abreast of initiatives in the PHRV market, but indeed, be on the leading edge of its development and progress. Canadian manufacturers have proved themselves worthy of the task: combining state-of-the-art technology with old-fashioned dedication to product quality and reliability, Canada has etched out an impressive niche in the world market.

The customer for a reliable, stable source of high-quality PHRV products that are attractively priced need look no further — the supplier of choice is Canada.

For the first time, a directory of Canadian manufacturers who export PHRV products has been conveniently provided under one cover. The companies included in this catalogue range from large multinational manufacturers to small, unique, specialized concerns. However, they all share one thing: their dedication to providing the customer with the best-quality products at the most competitive prices.

### Products

This directory does not include products solely intended for industrial applications, nor does it include food and beverage heating equipment, nor domestic refrigerators. These products are covered in other export directories.

## How to Use This Directory

The search for PHRV products can often be a time-consuming and arduous task. However, this directory has been designed to allow the reader to easily identify the companies and products that are of interest.

### Five industry sectors

The directory has been divided into five sections, representing five industry sectors: plumbing, heating (excluding solid fuel), solid fuel, refrigeration and ventilation.

Solid fuel has been separated from heating in acknowledgement of the growing market for solid fuel products, undoubtedly spurred by the energy concerns of recent years, and the resultant unparalleled design and manufacturing response by the heating industry.

### Alphabetical listing of company profiles

Within the five industry sections, companies are listed in alphabetical order by name. Each listing includes the address, telephone number, telex number, a marketing contact, and a brief company profile. The companies appear in the directory once only, and in the directory section of their choice.

### Product category cross-index

Many companies manufacture a broad range of products that fit into more than one industry sector. The product category cross-index allows the reader to identify the companies that manufacture products in specific product categories. Refer to the product category of interest. Following each company name is identified the section of the directory in which the company is listed. Turn to the appropriate section in the alphabetical directory for detailed information about each company.

Because of the generic nature of many products, such as piping systems, which cannot be definitively categorized as a plumbing, heating, refrigeration or ventilation product, the product categories are listed in alphabetical order.



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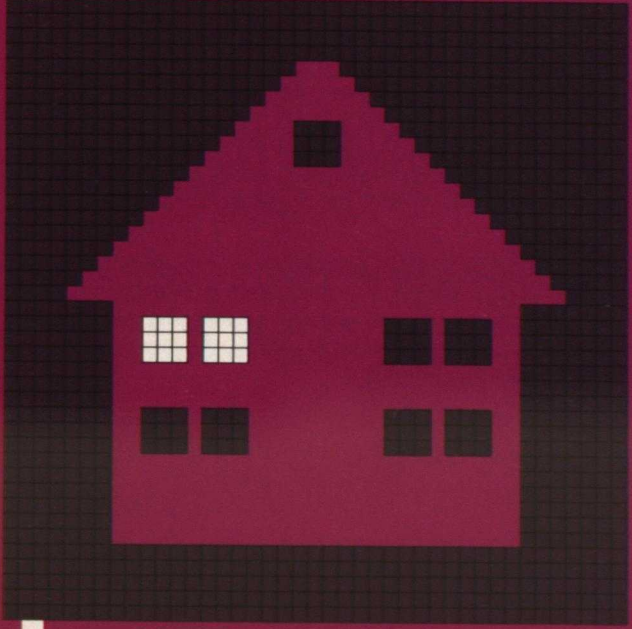
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# Plumbing



**Acme Vessels & Metal Ltd.**  
6557 Côte de Liesse Road  
Montreal, Quebec  
Canada H4T 1E6  
Tel: (514) 342-5657  
Telex: 055-60546  
Mr. M. Fournier  
Vice-President

■ Established in 1984, Acme Vessels & Metal Ltd. manufactures standard pressure vessels to ASME specifications and with its extensive engineering capabilities can undertake the production of custom-built vessels and accessories at competitive prices.

Acme produces vertical and horizontal above-ground tanks, blowdown tanks, expansion tanks, air receiver tanks, monel tanks and vessels, incoloy tanks and vessels and a variety of other tanks and vessels including ones that are specially lined.

**Almico Plastics Limited**  
1150 Montreal Road  
Cornwall, Ontario  
Canada K6H 6S9  
Tel: (613) 938-9200  
Telex: 0581-1593  
Mr. Hubert Dore  
Sales Manager

■ Almico Plastics manufactures acrylic bathtubs, whirlpools, wash basins, kitchen sinks, and kitchen countertops. The company, established in 1979, is Canadian-owned.

Almico's whirlpool baths are offered in 21 beautiful decorator colours that enhance any bathroom decor. Five of these colours are bi-tones that range from solid fashion colour at the bath rim to a most delicate shell-like opalescence at the base. This effect is achieved during the forming process rather than by applied colour and therefore retains all the properties and advantages of a solid-colour unit.

Manufactured from Perspex cast acrylic sheet from ICI, Almico whirlpool baths are available in sizes to accommodate from one to six people.

**Architectural Metal Industries**  
1775 Drew Road  
Mississauga, Ontario  
Canada L5S 1J5  
Tel: (416) 677-7500  
Telex: 06-968051  
Mr. Frank Perkins  
General Manager

■ Architectural Metal Industries, formed in 1970, manufactures a complete line of quality residential, commercial, laboratory and hospital sinks, as well as washroom accessories, architectural specialties and restaurant equipment. The firm's sinks feature easy installation; one-piece construction; and come in a variety of sizes and thicknesses designed to satisfy all customer requirements.

Architectural Metal also manufactures modular drinking fountains, water coolers, fountain bowls, scrub-up stations, scullery sinks, and with its modern manufacturing and production facilities is capable of manufacturing many custom units to specification.



**Associated Piping Products Inc.**  
23 Alcaine Court  
Thornhill, Ontario  
Canada L3T 2G8  
Tel: (416) 889-5504  
Mr. J. Blakeley  
President

■ Associated Piping Products, established in 1976, manufactures specialty pipe fittings that reduce the labour content in the fabrication and installation of pressure piping systems, particularly where there is a large quantity of lateral outlets, such as is found in the piping of an automatic sprinkler fire protection system. Other major uses are in air-line systems, factories, and heating and hot/cold water systems in commercial buildings.

All products can be installed by unskilled labour, reducing the time and expertise required on a construction project.

The products are patented in the U.S., Canada, some European countries, Japan, and Australia.

**Avmor Ltd.**  
433 Sainte-Hélène Street  
Montreal, Quebec  
Canada H2Y 2L1  
Tel: (514) 849-8074  
Telex: 05-25134  
Mr. B. O'Connor  
Export Marketing Manager

■ Avmor Ltd. manufactures electric hand and hair dryers for use in public washrooms and swimming areas. The firm's NOVA unit features a vandal-proof heating element; automatic resetting circuit breakers to protect against overheating; a low amperage, capacitor start and run, brushless drive motor that ensures a minimum of maintenance and maximum motor start-up speed to provide instant hot air; zinc die castings to give durability and longevity; and a one-piece sloped cover to stop cigarettes from being balanced on it. Avmor Ltd. is a Canadian-owned company established in 1950.

**Canplas Industries Ltd.**  
31 Patterson Road  
Barrie, Ontario  
Canada L4N 3V9  
Tel: (705) 726-3361  
Telex: 06-875632  
Mr. Ron Picot  
Marketing Manager

■ Plumbers in Canada have been installing Canplas 4 in. backwater valves for years to safeguard residential drainage systems from backflow. In 1984, Canplas introduced the first valve in Canada specifically manufactured with 3 in. hubs. Now, Canplas is proud to announce the availability of the backwater valve design in two new sizes, with 1½ in. or 2 in. moulded sockets. The new compact products are easily installed in undergrade areas requiring a backflow safeguard for fixtures with ½ in. or 2 in. drains.

All Canplas valves have the same time-tested flapper and gasket design as the larger units. A cap with finger grips for easy opening and closing by hand provides easy access for periodic inspection.



**Canvil Ltd.**  
P.O. Box 40  
Simcoe, Ontario  
Canada N3Y 4K9  
Tel: (519) 426-4551  
Telex: 061-81172  
Mr. K.V. Nielsen  
Vice-President, Marketing

■ Canvil Ltd. manufactures a complete line of quality steel pipe fittings that includes forged steel fittings; lo-temp fittings; forged steel unions; anvilets; couplings, plugs, bushings, G.M.F.; nipples; and swaged nipples.

Canvil's products are produced in a stringent, quality-controlled environment. The company is registered as a qualified CSA Z 299-4 and Z 299.3 supplier by the Quality Management Institute.

**Cello Products Inc.**  
210 Avenue Road, P.O. Box 37  
Cambridge, Ontario  
Canada N1R 5S9  
Tel: (519) 621-9150  
Telex: 069-59385  
Mr. T.D. Aurini  
President

■ Established in 1946, Cello Products Inc. was one of the early proponents of solder fittings in Canada. Cello has concentrated on solder fittings for traditional plumbing and heating needs and for use in the refrigeration and air conditioning industries.

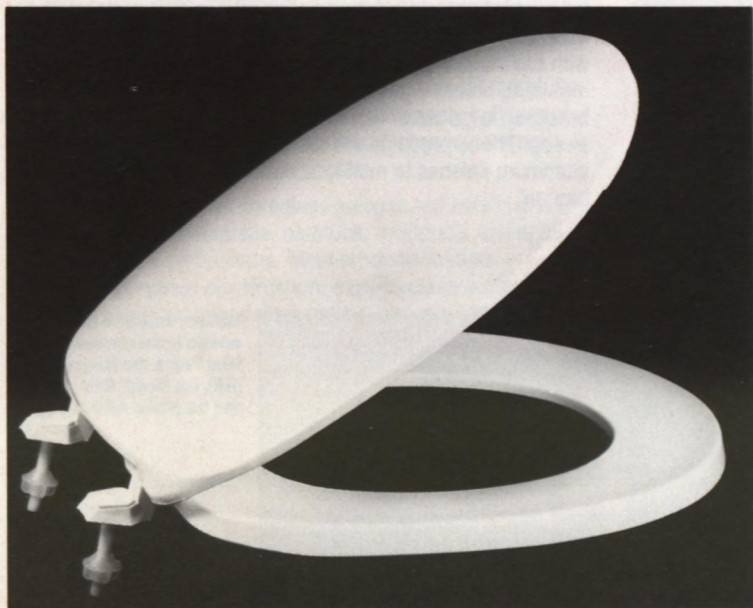
Solder fittings can be produced by casting; by wrought process in which the fitting is formed from copper tube; by machining from bar stock; or by forging. All methods are used today to provide an exceptionally broad range of goods to meet the needs of the contractor installing the copper systems.

In its foundry, Cello employs high-speed electric induction melting to produce better control of the alloy composition with reduced costs. On the wrought process side, multiple head, automatic forming and trimming machines provide additional capacity. Computers for production and inventory control permit Cello to manufacture high-quality, economical copper-alloy solder fittings.

**Centoco Manufacturing Limited**  
2450 Central Avenue  
Windsor, Ontario  
Canada N8W 4J3  
Tel: (519) 948-2300  
Mr. Tom Curlin  
National Sales Manager

■ Established in 1980, Centoco manufactures a complete line of residential, commercial and institutional toilet seats. Its Soft Designs series features injection-moulded, high-impact polypropylene cover and ring cores (unbreakable under normal conditions), and cushion-foam manufactured from the highest quality furniture grade materials, ensuring maximum strength while providing the utmost comfort. An exclusive, revolutionary formula added to the vinyl forms a thin transparent layer over the exposed surface of the seat that acts as a deterrent to bacteria and fungi. Eight concealed air breather vents provide optimum sanitation and prolonged durability, and embroidery designs are manufactured with durable and colourfast, high-quality thread on state-of-the-art computerized equipment.





**Centoco Manufacturing Limited**  
The Model 200 toilet seat has standard features that include top-mount impact-absorbing hinge, finger lift, corrosion-free hardware, and flat bottom design.

**Crane Canada Ltd.**  
5800 Côte De Liesse Road  
Montreal, Quebec  
Canada H4L 4Y7  
Tel: (514) 735-3592  
Telex: 05-826773  
Mr. H.P. Davidson

■ Established in 1906, Crane has become a major supplier of plumbing fixtures, plumbing fittings and industrial valves in Canada. Today, the company operates in seven manufacturing locations in five provinces. Crane Supply has 15 main branches and an additional 22 service branches.

Crane manufactures a wide variety of tasteful bathroom fixtures, including tubs, sinks, faucets, showerheads, whirlpools and toilets. All the firm's products come in a range of colours, shapes and designs. For example, the Majolica series features exquisitely crafted designer lavatories in sculptured cast iron.

Crane's products are designed and engineered to combine reliable and durable service with aesthetic and pleasing looks.



**Danfoss Mfg. Co. Ltd.**  
 1230 Lakeshore Road East  
 Mississauga, Ontario  
 Canada L5E 1E9  
 Tel: (416) 274-2311  
 Telex: 06-961216  
 Mr. A.C. Hogendoorn  
 President

■ Established in 1958, Danfoss Manufacturing Company specializes in the manufacture of shower valves (pressure balanced), mixing valves (electronic), showerheads, spouts and accessories for commercial and residential use.

Danfoss's mixing valves range in size from 3/4 in. to 2 in. and their capacity at 50 psi ranges from 44 U.S. GPM to 255 U.S. GPM. Danfoss showerheads come in institutional models, telephone models, and a variety of deluxe and regular models.

All Danfoss products are backed with reliable and durable accessories and parts.

**Fasco Products Division of Indal Limited**  
 101 Brisbane Road  
 North York, Ontario  
 Canada M3J 2K5  
 Tel: (416) 661-9281  
 Mr. John Faveri  
 President

■ Fasco Products manufactures a wide variety of aluminum home improvement products — in particular, quality shower doors for residential use.

Fasco Products' Model 4500 Neo Angle and Model 4900 Ninety Degree Shower Door offer the following features: no header bar to restrict entry; both doors open to allow maximum entry; fit all standard fibreglass or acrylic bases; simple installation; unique pivot system allows 4 in. of adjustment to suit any installation by simply turning a screw;

full magnetic seal on door meeting rails; side panels can be installed three ways (full-length wall jamb; adjustable wall rail with top mounting bracket; and glass to wall with top mounting bracket); diecast corner keys and wall mounting brackets; large water dam threshold; door panel drip tray and sweep. These products are available in three bright anodized aluminum finishes to minimize maintenance (silver, gold, bronze).



Modern, attractive design is evident in the shower doors from Fasco: the Model 4500 (left), the Model 4000 (centre) and the Model 4900 (right).



**FIBEREZ Corrosion Molding Products Ltd.**  
2 Bloor Street East, Suite 3320  
Toronto, Ontario  
Canada M4W 1A8  
Tel: (416) 968-6588  
Telex: 06-218752  
Mr. J. Scott Johnston  
Sales Manager

■ Created in 1959, FIBEREZ manufactures corrosion-resistant products such as small reinforced fibreglass tanks and parts. In 1971, after extensive marketing research, FIBEREZ began manufacturing fibreglass showers, bathtubs, whirlpools and spas. The intention was to supply builders of new or renovated homes with the utmost ease in care and freedom of choice in colour and styles.

FIBEREZ manufactures fibreglass gelcoat and acrylic one-piece tubwalls, showerstalls, bathtubs, whirlpools and spas in a range of sizes and colours. Most products feature seamless one-piece construction; easy-to-clean surfaces; ABS drains with stainless steel grates; and moulded soap/shampoo shelves.



Comfort, elegance and easy-care features are combined in the Model 61 AW white whirlpool from FIBEREZ.



**Fleurco Industries (1963) Ltd.**  
 5635 Fullum Street  
 Montreal, Quebec  
 Canada H2G 2H6  
 Tel: (514) 273-2507  
 Telex: 05-268788  
 Mr. Isaac Shiroky  
 President

■ Fleurco Industries Ltd. was established in 1963 as an amalgamation of three companies, La Fleur de Lis Inc., Montreal Shower Door Co., and Fleurco Industries.

Fleurco Industries manufactures bathtub enclosures, shower doors, wardrobe mirror doors, medicine cabinets, and light fixtures. The unique styling of Fleurco products has made them a top seller in Canada.

A blend of aesthetics, functionality and durability makes a Fleurco medicine cabinet the choice of many discerning homeowners.





Germain Manufacturing  
1368 Fontenay Crescent  
Ottawa, Ontario  
Canada K1V 7K6  
Tel: (613) 521-4712  
Telex: 06-62202  
Mrs. Sylvia Germain  
President

■ Germain Manufacturing, established in 1983, produces the patented Drip Strip that prevents water from running off the bathtub during showering. The Drip Strip functions as an unobtrusive dam on the outside corners to direct water on the rim of the tub into the tub and not onto the floor. This product helps to eliminate mildew, as it keeps water from seeping into cracks around and underneath the tub. It also reduces water stains, rot in the subflooring, water damage to ceilings below the bathroom, and prevents the floor from becoming slippery.

The Drip Strip is easy to install, fits any bathtub contour and is available in a choice of attractive finishes to match the bathroom decor.

Germain Manufacturing  
Drip Strip is a "must" for a damage-free,  
sanitary and safe bathroom.



GSW Water Products Company  
599 Hill Street  
Fergus, Ontario  
Canada N1M 2X1  
Tel: (519) 843-1610  
Telex: 06-956552  
Mr. W.H. Rishchynski  
Sales Manager — Export

■ GSW Water Products Company is a division of GSW Inc., a Canadian-controlled diversified firm. GSW Water Products Company manufactures and distributes water heaters, tanks, and a variety of pumps to retailers, wholesalers, and utilities in Canada and export markets.

The GSW product line includes residential electric water heaters; glass-lined compact electric water heaters for cottages, individual washrooms and offices; residential gas water heaters; and commercial water heaters. The GSW pump line has been expanded to include a selection of sump pumps, allowing the company to offer its customers a broad scope of pump products for domestic water system applications.



GSW offers a large variety of commercial and residential water heaters.



**H. Bélanger Plumbing Accessories Ltd.**  
 6445 Maisonneuve Boulevard West  
 Montreal, Quebec  
 Canada H4B 2Z1  
 Tel: (514) 489-8431  
 Telex: 055-66318  
 Mr. Howard Weinstein  
 Chief Executive Officer

■ H. Bélanger Plumbing Accessories Ltd., a Canadian-owned company established in 1973, manufactures a wide variety of faucets, fittings and other assorted plumbing goods. The firm's faucets have many advantages including an extended spout on 4 in. lavatory faucet; a high-rise spout on 8 in. deck faucet; a stainless steel cover plate on the 8 in. model; retainer ring on the 8 in. deck spout to prevent blow-out which occurs with dishwasher connection; and an extended spout on tub and shower.

H. Bélanger's faucets also have easy-to-use full grip handles; adaptability to any Zin-Plas handle program; stainless steel rosettes (will not rust); luxurious indicators; O rings on indicators to stop water from leaking into the cartridge system; a pin hole indicator for easy replacement. The 8 in. deck will connect with a lavatory, tubes or can be soldered. All faucets have a 25-year warranty.



Simple elegance is reflected in the 8 in. kitchen-deck faucet from H. Bélanger.

**Jacuzzi Canada Ltd.**  
 330 Humberline Drive  
 Rexdale, Ontario  
 Canada M9W 1R5  
 Tel: (416) 675-3333  
 Mr. Bernard Janzen  
 Marketing Assistant

■ Jacuzzi Canada Ltd., incorporated in 1955, produces a complete and fully integrated product line of pumps, swimming pool equipment, hydrotherapy equipment, and air compressors. In all of its product areas, Jacuzzi has established a position of leadership through innovative design and engineering excellence.

Jacuzzi manufactures general-purpose centrifugal pumps; convertible jet pumps; sewage ejector pumps; column sump pumps; and, of course, a variety of elegant bathroom suites and whirlpools.



**James Fitzpatrick Industries Limited**  
1244 Great Northern Road  
Sault Ste. Marie, Ontario  
Canada P6A 5K7  
Tel: (705) 949-5490  
Telex: 06777242  
**Mr. James Fitzpatrick**  
President

■ James Fitzpatrick Industries Limited is a Canadian-owned company established in 1969 that specializes in the design, engineering, and manufacturing of sanitation systems for mining.

The company has designed and developed a complete washroom system for underground mines. This system employs conventional flush fixtures and a mini-sewage treatment system that processes the waste at site and discharges clear chlorinated water to the mine ditch or recycles the water through a filtration package for re-use in the toilet fixtures.

James Fitzpatrick Industries' unit can handle small or large crews in conventional mines, dry mines or open pit mines.

**Jenkins Canada Inc.**  
170 Saint-Joseph Boulevard  
Lachine, Quebec  
Canada H8S 2L6  
Tel: (514) 637-5871  
Telex: 05-821674  
**Mr. W.E. Malec**  
Marketing Manager

■ A Canadian-owned company established in 1906, Jenkins produces a complete line of gate, globe, and check valves — in bronze and grey cast iron, from molten metal to the finished product. Jenkins also manufactures butterfly valves from 2 in. to 84 in. size and forged steel valves. All Jenkins valves are used for both industrial and commercial products.

Modern custom-designed machinery, equipment and methods throughout the plant combine to produce valves to Jenkins' high standards of quality, thus ensuring customer satisfaction.

**Lifetime Faucets, Division  
of Great North Products**  
P.O. Box 505  
Markham, Ontario  
Canada L3P 3R1  
Tel: (416) 294-5748  
**Mr. Martin Tracy**  
President

■ Lifetime Faucets is a Canadian-owned company established in 1979. Lifetime manufactures the Life Time Faucets line of lavatory and kitchen faucets. These 4-in. lavatory faucets and 8-in. kitchen faucets come in a variety of models and feature aerators; non-corrosive waterways or brass waterways; and antique brass finishes.

Lifetime Faucets also manufactures the Ener-Jet showerhead which uses only two gallons of water per minute (GPM) compared to four or eight gallons with conventional showerheads. Lifetime Faucets also manufactures toilet tank dams which consist of two pieces of rolled spring steel completely covered in rubber. The two dams adhere to the sides and bottom of the toilet tank and are formed to hold unneeded water from the flushing action.



**Lisk & Taylor Associates Ltd.**  
331 King George Highway  
Newcastle, New Brunswick  
Canada E1V 1L2  
Tel: (506) 622-3308  
Mr. Wayne Taylor  
Marketing Manager

■ Lisk & Taylor Associates Ltd. is a Canadian-owned company established in 1975. Lisk & Taylor in association with Ascoelectric manufactures and distributes the Hydroid Sprinkler Control Valve. This valve is a pressure-sensitive, quick-opening device used in dry pipe (no water) sprinkler systems. It uses a different principle from the hinged clapper type of valve. Innovative technology has produced this air-operated piston-type diaphragm valve. The principle is simple and the valve consists of few parts. Rated for 175 psi, the valve is designed for light, ordinary or extra hazard

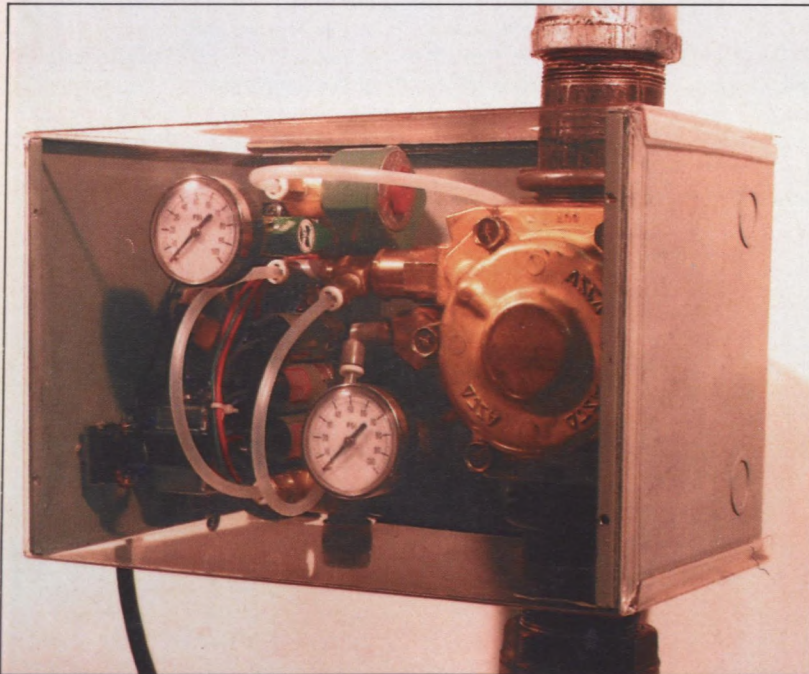
applications. The valve is normally held open and closed upon activation of a pilot by water pressure. It is a pre-engineered, fast-response unit designed to be plugged into a water supply and sprinkler network. It minimizes the potential for installation error and provides a totally standardized package.

The control valve is currently available in sizes ranging from 1 in. to 3 in. for use with piping  $\frac{3}{4}$  in. to 3 in. in diameter.

**London Factory Division, Emco Ltd.**  
420 Burbrook Place  
London, Ontario  
Canada N6A 4L6  
Tel: (519) 659-3626  
Telex: 064-5866  
Mr. Edward McLaren  
Manager, Export Products

■ For over 80 years, Emco products have established the plumbing industry standard for the ultimate in value.

London Factory Division of Emco Ltd. produces a complete range of residential, institutional, commercial, municipal and industrial fittings. When specifications call for durable, fashionable, functional products that combine reliability with attractive styling, Emco really does have an advantage.



An air filled sprinkler system project from Lisk & Taylor Associates.



**Lorenzo Industries Inc.**  
 7800 Notre-Dame Street West  
 Montreal, Quebec  
 Canada H4C 3K4  
 Tel: (514) 367-1881  
 Telex: 055-66172  
 Mr. Larry Singer  
 President

■ Lorenzo Industries Inc. was founded and established in Montreal in 1961. Today, from its 100,000 sq.ft. facility, Lorenzo is one of Canada's largest manufacturers of marble and onyx vanity tops and vanity cabinets.

Lorenzo manufactures synthetic marble and onyx, plastic composite, solid-colour vanity sinks, pedestal sinks, tubs, toilets, bidets, vanity cabinets, and combination vanity and sink packages.

Every Lorenzo vanity, although individual in design, has the same basic ease of assembly, as all component parts fit easily together for a sturdy, solid construction. Lorenzo is recognized as a leader in product innovation and offers a constant stream of new products, keeping its customers at the forefront of the market.



The new version of the Medallion line, a space-saving two-door cabinet, can be accented with a choice of several colours and comes with the popular Medallion vanity sink. Lorenzo Industries Inc.

**M & J Specialties (29122 Ontario Ltd.)**  
 360 Wilson Avenue  
 Downsview, Ontario  
 Canada M3H 1S9  
 Tel: (416) 630-2306  
 Mr. Jerry Bondar  
 Manager

■ M & J Specialties is a Canadian-owned company incorporated in 1979. M & J Specialties has filled the need for attractive faucet handles and spouts to fit all faucet hardware manufactured in the past 25 years, including that made by now defunct companies. The various handles produced by M & J Specialties are equipped with 21 adaptors for the Canadian market and 29 for the U.S. The

company's spouts have 13 adaptors to ensure complete compatibility with virtually all faucets.

M & J Specialties guarantees an exact fit to specifications as set out by the original manufacturer of the faucet. The firm's products are distributed in the U.S. through TSG Manufacturing of Chicago, Illinois.



M & J faucet handles and adaptors fit all manufacturers' faucets, from the most current to those made up to 25 years ago.



**Manhattan Products Inc.**  
 7800 Vaughan Street  
 Anjou, Quebec  
 Canada H1J 2N1  
 Tel: (514) 354-3221  
 Mr. Stanley Hyman  
 President

■ Manhattan Products Inc. manufactures a variety of quality bathroom accessories. Included in the Manhattan range of goods are a wide variety of stylish shower and tub doors, mirrors and vanities, and lighting fixtures for bathrooms.

Manhattan Products' Ultra Plus By-pass Tub Doors feature a bottom track that cleans itself while one showers; easy-to-

clean self-draining grooveless design; adjustable nylon ball bearing rollers for silent, effortless door slide operation; fully tempered glass and mirrors to ensure shower and bath safety; snap-lock design for high impact resistance; and easy installation.



**Manhattan Products Inc.**  
 The Ultra Plus By-pass Tub Doors offer the ultimate in quality and design with features that provide for ease of installation, use and cleaning.

**Modern Home Technology Inc.**  
 160 Watline Avenue East  
 Mississauga, Ontario  
 Canada L4Z 1R1  
 Tel: (416) 890-0152  
 Telex: 06-961274  
 Mr. M.D. Johnston  
 Vice-President, Marketing and Sales

■ Established in 1984, Modern Home Technology manufactures the Sofflow Bidet that utilizes a unique sculptured seat and lid design in an unobtrusive, one-piece frame that co-ordinates beautifully with existing bathroom fixtures. An effective system of water supply is guaranteed by special valves that can be used to adjust the water mix to just the right temperature setting. At the same time, two precision-designed nozzles deliver an ample quantity of fresh water only where it is wanted, at a comfortable level of pressure. When not in use, the unique curved arm on which these jets are located tucks neatly out of sight under the seat.

The Sofflow offers an impressive array of features including easy installation by the average handyman; adaptability to almost any toilet; no dripping during operation; and a choice of white and four other designer colours.



**Moldex Limited**  
 316 Bayview Drive  
 Barrie, Ontario  
 Canada L4N 4Y8  
 Tel: (705) 726-0283  
 Telex: 06-875522  
 Mr. R. Bob Monteath  
 Director of Sales and Marketing

■ A wholly Canadian-owned company established in 1955, Moldex manufactures polypropylene toilet seats, cushion toilet seats, embroidered cushion toilet seats, woodflour seats — all in a complete range of styles and colours. Moldex's manufacturing facilities are fully automated with a complete range of computers.

The Moldex products are distributed in the U.S. by a subsidiary, Moldex Inc., and exports are handled by Martell Exporting Limited of Toronto.



**Moldex Limited**  
 These handsome embroidered cushion toilet seats come in a complete range of styles and colours.

**Monarch Industries Limited**  
 P.O. Box 429  
 Winnipeg, Manitoba  
 Canada R3C 3E4  
 Tel: (204) 786-7921  
 Telex: 07-57175  
 Mr. Paul Fontaine  
 Director of Merchandising

■ Established in 1935, Monarch Industries is a fully integrated manufacturer of pumps, contractors' equipment and fluid power products. Monarch has three major plants and a world-wide distribution system that is strategically located to serve its growing markets. Each Monarch product is characterized by built-in engineering from the drawing board, through rigorous quality control standards, to consistent, dependable customer service that ensures satisfaction.

Monarch manufactures pumps and water systems, concrete and mortar mixers, dewatering and self-priming pumps, and fluid power products. Also, the firm manufactures custom castings and machined products for customers who rely on it to deliver innovative, custom designs.



The Monarch Jet King — JKS Series pumps are designed for power-saving economy for wells up to 25 ft. deep and have capacities up to 1,080 gallons per hour.



**Noranda Metal Industries Limited**  
975 Martin Grove Road  
Rexdale, Ontario  
Canada M9W 4V6  
Tel: (416) 241-4451  
Mr. B.D. Pitt  
Vice-President, Sales

■ Noranda Metal Industries Limited is a wholly owned subsidiary of Noranda Mines Limited. Noranda Metal Industries manufactures a full line of copper and copper alloy mill products and markets them across North America and throughout the world.

The company manufactures a range of copper tubes including water service, distribution, drainage, waste and vent systems, air conditioning and refrigeration (ACR quality) tubing. This is complemented by a range of heat exchanger and condenser tubing to cover a variety of requirements in the industrial tube market.

Additional capabilities include complex forms (such as tubing with inner fins, duplex tubing and rectangular tubing) in standard lengths, custom-cut short lengths or coils. Sizes range from the tiny capillary tubes to large-diameter, thick-walled tube shells for redraw purposes.

**Olsonite Company Limited**  
60 Prospect Street  
Tilbury, Ontario  
Canada N0P 2L0  
Tel: (519) 682-1240  
Telex: 064-78568  
Mr. T.E. (Tim) Atkins  
Sales Manager

■ The Olsonite Company manufactures a wide variety of toilet seats and lids. For 75 years Olsonite has been providing quality constructed toilet seats and lids for the commercial and domestic markets. The company's newest product is the No. 95 ComfortCurve toilet seat. Its shape may be unusual, but it is unusually comfortable for the human body. The contoured, extra-wide design makes seating more posturepedic. And the new, extra-heavy, Olsonite plastic construction extends the product life and makes cleaning easier. This new elongated seat combines the most-desired features of conventional commercial seats and today's "body engineered" models, thus eliminating the need to stock both.

**Ozonator Systems Inc.**  
5288 General Road, Unit 5  
Mississauga, Ontario  
Canada L4W 1Z8  
Tel: (416) 625-2490  
Telex: 06-968914  
Mr. Jack Johnston  
President

■ Ozonator Systems Inc. produces the Ozonator Water Purifier, a home purification unit that duplicates the action of nature — similar to lightning striking through the atmosphere and creating ozone. When the Ozonator is turned on, an electrical field in the base of the unit is activated. This creates ozone in a safe and controlled process, and the ozone is then channelled into the water, killing, removing and oxidizing foreign elements and impurities. The water is next passed through the dual filtration system to remove the suspended particulate matter, leaving the water safe and pure for the consumer.



**PEM Fountain Co. Division  
of Imperial Irrigation Co.  
P.O. Box 426  
Richmond Hill, Ontario  
Canada L4C 4Y8  
Tel: (416) 889-3201  
Telex: 06-986640  
Mr. Peter Micha  
President**

■ PEM Fountain Co. is a Canadian-owned firm established in 1954. The scarcity of specialized fittings and fixtures for decorative fountains prompted PEM Fountain to manufacture these products in Canada.

Today PEM Fountain manufactures nozzles and spray jets for decorative water displays; support fittings and fixtures for water displays; all bronze, brass and copper heavy-duty pool and reservoir fittings, such as drains, overflow, pump suction fittings and waterstops; water level controls (electrical and



electronic); electronic wind controls (to keep sprays in pools); submersible light fixtures; support equipment for underwater light fixtures such as junction boxes, conduits, and water stops; and fully automatic pool water filtration systems.



PEM Cascade jets in action in Toronto park.

The PEM 108-16 aerating jet assembly produces a multi-tiered spray effect in the 50 to 100 ft. (15 to 30 m) spray-height range.

**Pumps & Softeners Limited  
680 Waterloo Street  
London, Ontario  
Canada N6A 4N8  
Tel: (519) 672-0330  
Telex: 064-5823  
Mr. J.W. Beedle  
Supervisor, Export Sales**

■ In 1888, Darling Brothers Ltd. was founded as an engineering and manufacturing company specializing in power plant heating equipment: pumps, heat exchangers, and steam specialties. Purchased by Pumps & Softeners Limited in 1971, Darling continues to produce quality heating products.

Pumps & Softeners Limited provides a range of heating products including fire pumps, steam generators, suction pumps, sewage pumps, cellar drainers, boiler feed pumps, water filters, and heat exchangers. In addition, the firm manufactures packaged systems such as pumps and heat exchangers for heating, cooling and heat reclaim systems.

Pumps & Softeners also manufactures efficient and economical water and waste treatment equipment. As well, the company produces a full range of water softening units; filters; de-ionizers; decarbonators; de-aerating heaters; clarifiers; reverse osmosis devices; chlorinators; and water and waste systems.

The company's modern operation is supported by years of experience and a group of talented artisans.



**Rheem Canada Ltd./Ltée**  
P.O. Box 846  
Hamilton, Ontario  
Canada L8N 3P3  
Tel: (416) 527-9194  
Telex: 061-8325  
Mr. I.S. Farwell  
Vice-President, Marketing

■ Rheem Canada, active since 1958, is recognized as a leader in the development of water heater technology. The firm's Water Heater Division manufactures gas and electric water heaters for residential use that range in size from 6 to 60 imperial gallons in capacity.

One of the innovative features of the Rheem product line was the introduction of polyurethane foam insulation in water heaters. This improvement led to the production of space-saving products with superior insulating qualities. The latest development is the power vented gas water heater, a higher efficiency unit that may be installed in homes that are constructed without the normal chimney facilities.

**Sanitation Equipment Ltd.**  
35 Citron Court  
Concord, Ontario  
Canada L4K 2S7  
Tel: (416) 738-0055  
Telex: 06-964609  
Mr. Wally Swez  
Vice-President, Sales and Marketing

■ Sanitation Equipment Ltd., with over 35 years of plastics experience, manufactures a complete line of portable toilets and toilet care products which are distributed in the U.S. by Century Tool Inc. of Illinois.

Sanitation Equipment's toilet line includes the Visa Potty 238 (2.6 gallon holding tank); the Visa Potty 248 (4.0 gallon tank); and the Visa Potty 268 (6.3 gallon tank).

The Visa Potty portable toilet is simple to operate, hygienic and maintenance-free. Using a revolutionary durable plastic, Sanitation is able to offer high-quality design and construction in a low-cost unit. Each fresh-water-flush Visa Potty is injection-moulded to hermetically seal in odours and leaks. Operation of the Visa Potty is simple because of a unique piston pump that gives a high-velocity flush with a large volume of water. The waste holding tank detaches and has convenient handles for spill-proof emptying.

Sanitation Equipment's Visa Potty portable toilet is easy to operate, sanitary and simple to maintain.





**Showerlux Canada Ltd.**  
 1380 Birchmount Road  
 Scarborough, Ontario  
 Canada M1P 2E6  
 Tel: (416) 752-0760  
 Telex: 06-963601  
 Mr. Clive Thomas  
 Sales Manager

■ Showerlux Canada Ltd., part of the Duscholux organization, has been manufacturing high-quality bathtub and shower enclosures in Canada since 1975. All Showerlux units are fully assembled allowing fast, easy installation. With this unique feature, all of the three panels of the enclosure are custom tailored to prevent any overlap. The result is a watertight seal with no leakage.

For cleaning, Showerlux has patented systems featured on the Softline and Optima 2000 models. For the Softline model to be cleaned, the panels need simply be pushed back and the magnetic panels ensure the units fall back into their proper place. All tracking systems are easily accessible for superior cleaning. The Optima 2000 features the L.S.O. (lift, swing, OK) guide bar. Just swing the bar back, push out the panels, and there is ready access for cleaning.

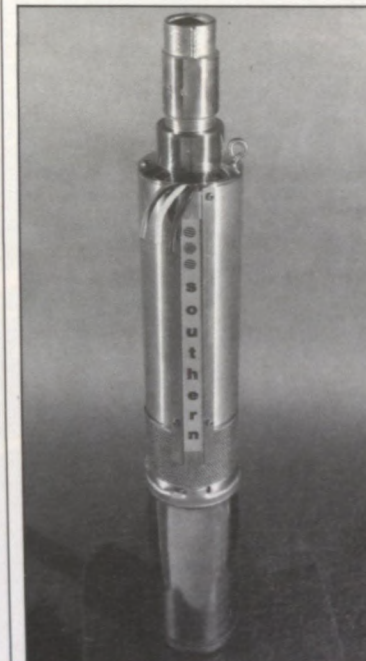
**Storburn Limited**  
 P.O. Box 370  
 Grimsby, Ontario  
 Canada L3M 4H8  
 Tel: 945-9681  
 Mr. David Stempin  
 President

■ Storburn Limited, incorporated in 1976, is one of the few manufacturers of propane-fueled incinerator toilets and has been granted patents for its product in 11 countries. Storburn propane-fueled incinerators provide sanitary, on-site disposal of toilet waste where conventional flush toilets cannot be installed. They are guaranteed odourless, require no water or electricity and are simple to install and operate. Storburn's toilets are the highest-capacity units of their kind on the market and are not vulnerable to freezing temperatures. As well, Storburn provides a written performance guarantee with every unit. The units themselves cover a floor area of 17¾ in. × 31¼ in. and the seat is at the standard height.

**T.P.S. Industries Inc.**  
 62 Goshen Street, P.O. Box 456  
 Tillsonburg, Ontario  
 Canada N4G 4J1  
 Tel: (519) 842-7351  
 Telex: 064-73538  
 Mr. James McKenzie  
 Vice-President

■ T.P.S. Industries Inc., since its founding in 1949, has been servicing the water well industry. The manufacturing facility was built in 1974 and the company purchased the pump division of Crane Canada Ltd. T.P.S. Industries manufactures stainless steel submersible water pumps in ⅓ hp through 2 hp models, convertible jet pumps in ⅓ and ½ hp models, submersible sump pumps, sewage and effluent pumps, and tractor tire filling pumps.

Solar energy pumps are the latest addition to the company's pump line. These pumps are capable of delivering water from 60 ft. depths, powered entirely by sunlight, and have excellent potential for developing countries because of their low cost of operation and simplicity of maintenance. All export sales of the pump line are handled from the T.P.S. head office.



T.P.S. Industries' stainless steel submersible pumps come in ⅓ hp through 2 hp models.



**The Diecut Group Inc. Hardware & Household Products**  
 716 Fenmar Drive  
 Weston, Ontario  
 Canada M9L 1R7  
 Tel: (416) 743-7008  
 Mr. Jas H. Pearson  
 Co-ordinator, Product Development

■ Canadian-owned and established in 1978, The Diecut Group manufactures a line of attractively designed bathroom accessories made of solid brass. The firm's products include 18 in., 24 in. and 30 in. towel bars; a variety of wall-mounted soap dishes; stand-up soap dishes; toilet tissue rods; robe hangers; towel hangers; and spare toilet tissue holders.



These attractive, solid brass bathroom accessories are made by The Diecut Group Inc.

**Transcontinental Energy Saving Products (Canada) Inc.**  
 4179 Harvester Road, Unit 7  
 Burlington, Ontario  
 Canada L7L 5M4  
 Tel: (416) 639-0937  
 Mr. Art Fretz  
 President

■ Incorporated in the province of Ontario in 1980, Transcontinental Energy Saving Products (Canada) Inc. manufactures low-volume aerator-style showerheads. Transcontinental's showerheads are of special interest in areas of limited water supply and/or when there is a high energy cost of heating water. The showerheads are constructed of triple chrome-plated brass, and all joints are sealed with standard size O rings. The showerheads come in three different sizes for use in residential and commercial markets. The unique action of the showerheads gives a luxurious stimulating shower with less hot water used per minute than the recovery rate of most hot water heaters.

**Valley Fibrebath Ltd.**  
 R.R. #3, C-65, Pallisades  
 Armstrong, British Columbia  
 Canada V0E 1B0  
 Tel: (604) 546-8701  
 Mr. Clyde Burgess  
 President

■ Established in 1972, Valley Fibrebath manufactures and markets modular fibreglass bathtubs and shower stalls.

The use of fibreglass-reinforced plastic bath fixtures in construction is relatively new, although over the past 15 years these fixtures have been used more and more to replace the traditional steel tub with tile walls.

Valley Fibrebath manufactures several lines of shower stalls including the Renovator. As well, Valley Fibrebath manufactures the Monaco, Hawaiian and Polynesian models of massage tubs in a variety of styles and colours designed to suit individual tastes. The company also manufactures standard one-piece modular fibreglass fixtures, sectional tubs and showers and the Hydro Massage Whirlpool Tub.



**Victaulic Company of Canada Limited**  
 65 Worcester Road  
 Rexdale, Ontario  
 Canada M9W 5N7  
 Tel: (416) 675-5575  
 Telex: 06-989158  
 Mr. S.J. Pellegrini  
 Vice-President and General Manager

■ Victaulic is the originator and developer of the grooved piping method of mechanically joining pipe. The concept has been expanded through continuous product development, and is now accepted as the fourth conventional piping method (grooved, threaded, welded and flanged). The Victaulic Grooved Piping Method is the most versatile, economical and reliable piping system available. Up to three times faster than welding, easier and more reliable than threading or flanging, the Victaulic Grooved Piping Method offers a combination of mechanical advantages unmatched by any competitive pipe joining method.

Used on most types of pipe, the Victaulic Method is ideal for standard steel pipe, cast or ductile iron, lightwall steel, stainless steel and PVC. The Victaulic product line includes a wide range of couplings; fittings; check and butterfly valves; and grooving tools. Victaulic's products can be used in a variety of applications including heating, refrigeration, ventilation and plumbing.

**Waltec Inc.**  
 P.O. Box 936  
 Cambridge, Ontario  
 Canada N1R 5X9  
 Tel: (519) 622-1600  
 Telex: 06-959305  
 Mr. Bruce T. Currie  
 Vice-President, Marketing

■ Waltec Inc. has been a leading supplier of high-quality products since 1905. Waltec manufactures assorted plumbing products for the construction industry, including faucets, handshowers, stainless steel kitchen and laundry sinks, vitreous china toilets, acrylic tub/showers, showers and basins. As well, Waltec manufactures brass for water works and plumbing products, and stainless steel products for institutional, commercial and laboratory use.

Sinks manufactured by Waltec Sinkware are made of a nickel-bearing alloy called 18-8. It consists of iron with 18 per

cent chromium for corrosion resistance, 8 per cent nickel for ductility, and lesser amounts of manganese and carbon. Waltec's special combination of these elements provides them with the optimum in corrosion resistance and durability and offers exceptional resistance to denting or scratching.

Waltec's products are made of quality materials and are available in many styles and sizes to satisfy all plumbing requirements.



Quality products from Waltec, such as this Waltec Sinkware "CRS" corner sink, will enhance any home decor.



**Waterline Products Co. Ltd.**  
117 Vulcan Street  
Rexdale, Ontario  
Canada M9W 1L4  
Tel: (416) 245-1251  
Telex: 06-989460  
Mr. Ian MacDonald  
Product Manager

■ Waterline Products Co. Ltd. manufactures bathroom fixtures and plumbing fittings for the consumer, industrial and new construction markets. Waterline's main product groups include shower stalls (walls, bases and doors) designed for easy installation; Tubsurround bath wall liners which can be used as a replacement over tile walls or in new construction applications; Push N Turn solder-less plumbing system for hot and cold water systems; roof vent flashings made of neoprene and aluminum; and bath waste, overflows, P.O. plugs and drains (plumbing fittings).



The easy-to-install Tubsurround Model Malibu from Waterline Products can be used in both remodelling and new construction applications.

**Watts Regulator of Canada Ltd.**  
441 Hanlan Road  
Woodbridge, Ontario  
Canada L4L 3T1  
Tel: (416) 851-8591  
Telex: 065-27137  
Mr. Douglas R. DeViney  
Manager

■ Watts Regulator, established in 1874, has acquired more than 100 years of manufacturing expertise in regulation devices for water and steam services. The company manufactures the FS-10 Series Flow Switch for the North American market. This device is used to accurately monitor liquid flow in pipelines, water systems, heating systems, air conditioning and process installations for industrial and commercial applications.

As well, the Watts OEM 170 probe type low water cut-off is a control that will prevent the build-up of scale deposits that render float type low water cut-offs inoperative. The Watts HB-1 hose bib (sediment faucet) with integral vacuum breaker was the first of its kind on the market, providing the ultimate in protection of the potable water system from unwanted back-syphonage backflow through garden hoses.

The aforementioned valves are just some of the many specialized products that Watts Regulator of Canada has to offer.



**Wessan Plumbing Manufacturing Ltd.**  
1775 Drew Road  
Mississauga, Ontario  
Canada L5S 1J5  
Tel: (416) 677-7500  
Telex: 06-968051  
Mr. Earle S. Iverson  
President

■ Wessan Plumbing Manufacturing Ltd., established in 1951, manufactures stainless steel kitchen sinks of many sizes, specifications and styles. Wessan's product line includes the Replacement Series models that are sized to fit the original countertop opening with a minimum of installation effort and to cover unsightly marks left by an old sink. The Bar and Marine Series is designed to add the wet-bar convenience of running water where space is limited. The Cuisine Centre Series features three space-saving Sink-And-A-Half models and one extra-capacity Super Bowl model, each supplied with a premium Wes-Wood laminated hardwood cutting board. The company also offers a number of other quality stainless steel sinks designed for residential and commercial use.

As well, Wessan has experience in making American-size sinks under private label for U.S. companies.

**Wicor Canada Inc.**  
4544 Fieldgate Drive  
Mississauga, Ontario  
Canada L4W 3W6  
Tel: (416) 629-1611  
Telex: 06-960190  
Mr. J.H. Atnikov  
Vice-President, Marketing

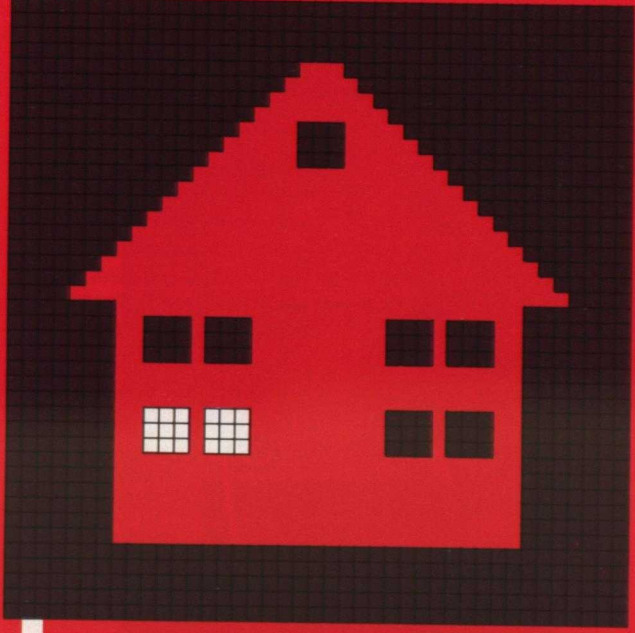
■ Wicor Canada Inc., in its manufacturing and assembly facilities, produces the following brand name products: Sta-Rite spa and water system pumps; Swimquip spa and pool equipment; Flotec submersible sump and effluent pumps; and Filtersoft water treatment equipment.

Wicor personnel have become specialists in the design and production of products to serve the growing whirlpool bathtub and spa markets. Wicor's specialized bathtubs, spa and swimming pool pumps, along with complete spa support systems and packaged pool filtration equipment, have been produced for the Canadian market for some 25 years with more than 50,000 installations in current operation.

**Wolverine Tube Division**  
1010 Clarke Road  
London, Ontario  
Canada N5W 5S9  
Tel: (519) 455-0770  
Telex: 064-5880  
Mr. L.H. Kerr

■ Wolverine Tube Division is a large manufacturer of copper metal tubing for the refrigeration and air conditioning industry. For many applications in this vital industry, Wolverine provides three types of copper tubing — refrigeration, ACR, and nitro. The refrigeration tubing comes in 10 diameters and standard 50 ft. coils, with each coil being individually packaged in a polyethylene shrink-wrap. ACR tubing is offered in diameter sizes ranging from 1/4 in. through 4 1/8 in. and in standard 12 and 20 ft. lengths, while nitro tube, in 12 ft. lengths, is available in 3/8 in. through 3 1/8 in. diameters.





# Heating



**Acme Engineering Products Ltd.**  
 5706 Royalmount Avenue  
 Montreal, Quebec  
 Canada H4P 1K5  
 Tel: (514) 342-5656  
 Telex: 055-60546  
 Mr. G.S. Presser  
 President

■ Acme Engineering was formed in 1956 and specializes in electric heating equipment for commercial and industrial applications. The company manufactures a complete range of integrated packages, such as boilers, hot water generators, make-up air units, super heaters, electric unit heaters, and finned tubular duct heaters for the commercial and industrial markets. Acme Engineering is also capable of manufacturing highly complex integrated units for high pressures, high temperatures and other difficult conditions.

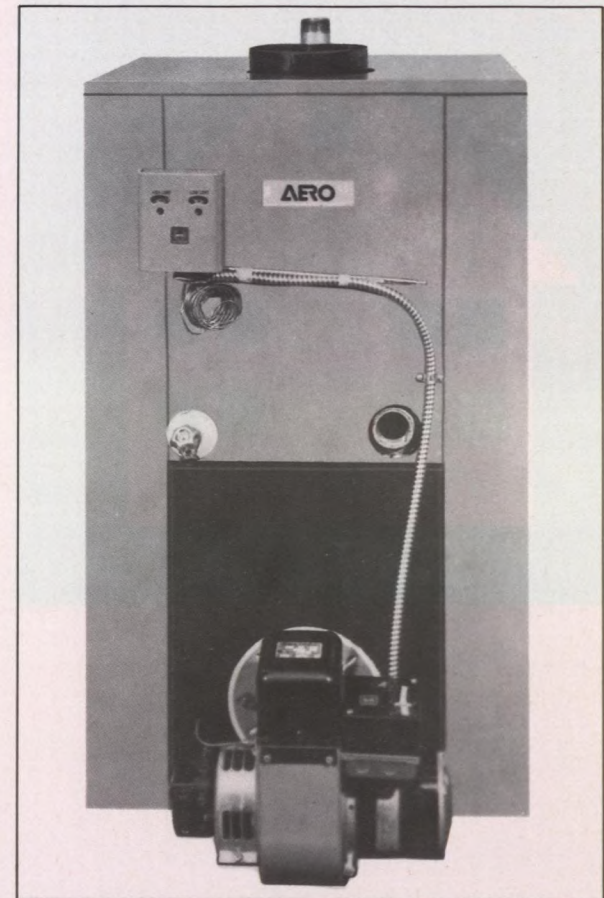
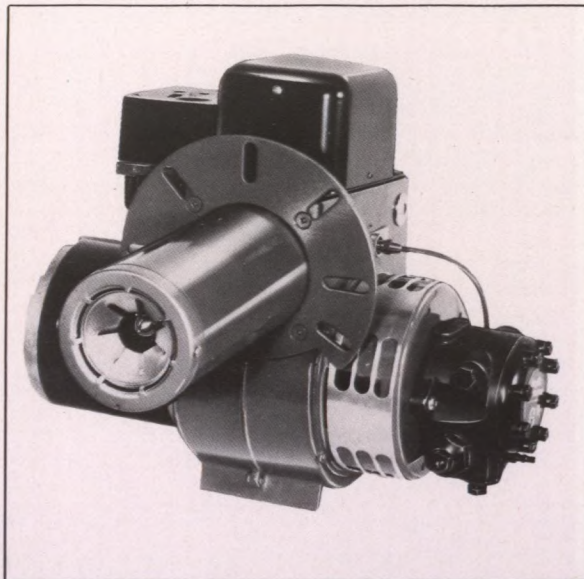
Acme's electric steam boilers are suited for applications requiring from 30 to more than 10,000 lb. of steam per hour and are available in sizes from 6 to 3,105 kW at all common voltages up to 600 V, 3 PH. Acme's electric hot water boilers are available in sizes from 9 to 2,600 kW at all common voltages up to 600 V, 3 PH.

**Aero Environmental Limited**  
 37 Hanna Avenue  
 Toronto, Ontario  
 Canada M6K 1X2  
 Tel: (416) 535-1600  
 Telex: 06-217595  
 Mr. Ian D.M. Brooker  
 Vice-President

■ Aero Environmental, established in 1940, is a privately owned Canadian company and one of Canada's largest manufacturers of oil burners, oil-fired water heaters, hot water storage tanks, oil-fired swimming pool heaters and conversion power gas burners.

Aero produces five efficient flame retention oil burners that are certified by the Canadian Standards Association in Canada and the Underwriter's Laboratories in the U.S.

Two designs of oil-fired water heaters are produced: the centre flue series and the peripheral or back flue series. Aero also manufactures four sizes of storage tanks: glass-lined, with a thick blanket of insulation; two models of swimming pool heaters (33,000 or 60,000 gallons); and two models of conversion power gas burners. All Aero products have 60 cycle, 110 V electrics; however, 50 cycle, 220 V electrics can be supplied.



Oil-fired swimming pool heaters from Aero Environmental Limited.

Flame retention oil burners in models F-AFC, HF-US and HF-AFC have firing rates of 0.5 to 2.75 gph, 0.65 to 1.75 gph, and 0.75 to 5.00 gph respectively.



**Brock Engineering Co.**  
4305 Iberville Street  
Montreal, Quebec  
Canada H2H 2L5  
Tel: (514) 527-8071  
Telex: 05-268895  
Mr. G. Ferland  
Marketing Manager

■ A Canadian-owned company established in 1946, Brock Engineering manufactures durable and efficient furnaces and water heaters. The firm has a wide range of products that are solidly built and contain a variety of features to ensure the maximum efficiency of each unit.

These are some of the unique features, common to all of Brock's products: optional 120 V or 240 V motors; accessible oilers to eliminate problems in oiling the motor; a convenience outlet to connect a portable lamp, service tools, or even an electronic filter; and an output selector switch that cuts off some elements to obtain longer and more efficient cycles in the spring and fall.

**CALORITECH Division,**  
**Casah Heating Systems Inc.**  
1360B Speers Road  
Oakville, Ontario  
Canada L6L 5V3  
Tel: (416) 825-2922  
Telex: 06-982479  
Mr. R.J. Kennery  
Manager, Sales and Marketing

■ CALORITECH is a fast-growing, all-Canadian company involved in the manufacture of electric heating equipment for industrial process and commercial applications. Its success is based upon its ability to bring together a team of professional engineers, technologists and support staff to ensure that proposed designs are the best from the standpoint of reliability, cost and availability.

The CALORITECH group consists of separate manufacturing plants, each one specializing in a particular segment of the product line, and staffed with owner-partners who take pride in the product.

CALORITECH manufactures tubular and finned tubular heaters; cartridge heaters; strip heaters and accessories; screwplug heaters; flange heaters; pipe-insert immersion heaters; packaged electric boilers; circulation heaters; steam and hot water boilers; and a variety of other electric process and electric comfort heating equipment.

**Chromalox Canada**  
210 Rexdale Boulevard  
Rexdale, Ontario  
Canada M9W 1R4  
Tel: (416) 743-8000  
Telex: 06-989333  
Mr. Jack McQueston  
Export Manager

■ In operation since 1927, Chromalox is a world leader in the manufacture of electric heating products and is dedicated to the research and development of innovative, new technologies, technical excellence, and high quality.

The Chromalox product line encompasses some 15,000 different types, sizes, and ratings of heaters and air conditioning equipment suitable for industrial, commercial and residential applications.

Products from the firm's industrial department include a variety of heaters, elements and controls. Among the products from the commercial department are duct heaters, unit ventilators, boilers, air conditioning equipment, and cables. Chromalox's space heating department manufactures baseboard heaters and accessories; swimming pool heaters; air duct heaters; and many more products to satisfy the customer's electric heating needs.



**CIS CAN Sales (Western) Ltd.**  
3880-74th Avenue  
Edmonton, Alberta  
Canada T6B 2P7  
Tel: (403) 466-3178  
Mr. A.C. Kirby  
President

■ CIS CAN Sales (Western) Ltd., established in 1963, is a manufacturer of Cata-Dyne infrared flameless gas heaters. Cata-Dyne heaters are utilized for space and equipment heating for all types of oil and gas field buildings. Cata-Dyne heaters have a Canadian Gas Association certification for hazardous area uses and are explosion-proof.

The explosion-proof catalyst bed used in Cata-Dyne heaters is patented in Canada and the U.S. with patents pending in several other countries.

**Copal (Canada) Ltd.**  
80 Pépin Street  
Saint-Eustache, Quebec  
Canada J7R 5B7  
Tel: (514) 473-2330  
Mr. Pierre Côté  
President

■ Copal (Canada) Ltd., established in 1986, has been awarded U.S. and Canadian patent rights for prefabricated electric heating modules. The Copal modules are the answer to the installation problems encountered in floor heating or snow removal applications. The modules are the result of years of experience, research and development in the different phases of surface heating under a variety of conditions. Special attention has been brought to the casting of each module into sophisticated moulds for any required shape. The resulting modules are ready to be installed on pre-determined circuits (120, 208, 240, 347, or 600 V).

Easily installed under any climatic conditions, Copal modules do not require any special protection pertaining to the topping of cement, asphalt, lock-stones, ceramic tiles or marble. Copal heating modules have their own built-in structure.

**Dettson Inc.**  
550 Industrial Boulevard  
Sherbrooke, Quebec  
Canada J1L 1V8  
Tel: (819) 567-8493  
Mr. Laurent Dame  
General Sales Manager

■ Dettson Inc., established in 1951, produces fuel oil and natural gas boilers, hot water heaters, and high-efficiency oil furnaces. All Dettson's models, which number more than 40, are backed by a 10 year warranty.

Dettson's warm air oil furnace features a stainless steel combustion chamber, a trapezoidal heat exchanger, baffles to improve circulation, high-pressure burners, optional factory-installed electronic air filters, and full insulation. Firing rates range from 78,000 to 133,000 BTU/HR at up to 88.8 per cent efficiency.

Dettson's line of gas boilers features copper heat exchangers, atmospherically fired burners, a ceramic-fibre combustion chamber, and direct access to the pilot. As well, its hot water heaters have an insulated boiler, vertical fire tube technology, flame retention burner, gas outlets, a water-cooled firebox, and require a minimum of maintenance.

All Dettson products are installed by specialists to ensure that they perform at the optimum rate.



**Duomatic Olsen Inc.**  
 1969 Leslie Street  
 Toronto, Ontario  
 Canada M3B 2M3  
 Tel: (416) 443-1483  
 Telex: 06-986834  
 Mr. Geoff Gudewill  
 Marketing Development Manager

■ Duomatic Olsen, established in 1960, is a major manufacturer of oil, gas and solid fuel furnaces sold in Canada and the U.S.

The company has the most complete line of heating equipment (20 model series) for residential and commercial use in North America and sells exclusively through wholesale distributors in Canada and the U.S.

Duomatic Olsen was the first company to develop and market high-efficiency condensing gas furnaces. The competitive advantages of the firm's products include reliability, efficiency, ease of installation, and premium quality. Duomatic Olsen places its emphasis on product quality and serviceability. Firing rates range from 40,000 to 350,000 BTU and some models deliver over 95 per cent efficiency.

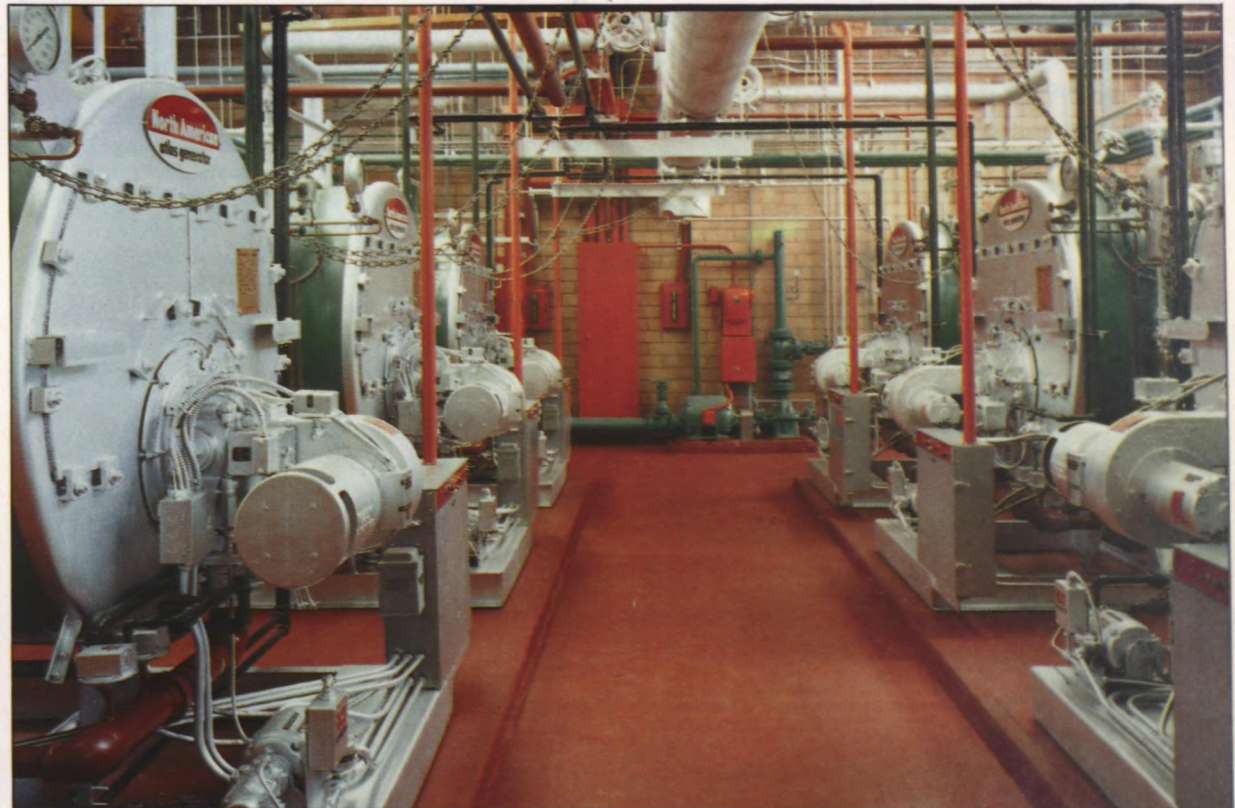
The Duomatic Olsen product line includes gas furnaces, gas-fired unit heaters, oil furnaces, electric furnaces, and combination and solid fuel furnaces.

**E.J. Walsh & Company Limited**  
 3091 Jarrow Avenue  
 Mississauga, Ontario  
 Canada L6L 5X4  
 Tel: (416) 625-4600  
 Telex: 06-960162  
 Mr. Bruce Chandler  
 General Manager

■ Established in 1957 primarily as a manufacturer of gas conversion burners for the retrofit market, E.J. Walsh currently manufactures and distributes a wide variety of products for the heating industry in Canada. As well, with the acquisition of the manufacturing rights for the North American Atlas steam and hot water generator from North

American Manufacturing in Cleveland, Ohio, E.J. Walsh has entered the U.S. and other international markets.

The Atlas steam and hot water boiler has a water-cooled rear chamber that eliminates costly refractory repairs. Also, because of its superior design, the Atlas has higher levels of thermal efficiency.



E.J. Walsh has manufacturing rights for North American Manufacturing's Atlas steam generator.



**Engineered Air Division of  
Airtex Manufacturing Partnership  
1401 Hastings Crescent S.E.  
Calgary, Alberta  
Canada T2G 4C8  
Tel: (403) 287-2590  
Telex: 038-21799  
Mr. Wendell W. Wolfe  
Export Manager**

■ Engineered Air Division of Airtex Manufacturing Partnership, a Canadian-owned company established in 1966, has built a reputation both for innovative designs and for uncompromised quality in the manufacturing of heating, ventilation and air conditioning (HVAC) equipment.

From the beginning, the company has worked to establish Engineered Air as holding a position in the industry uniquely different from that of its competitors. By concentrating on custom design and manufacture, rather than mass production and catalogue sales, the firm has enjoyed a steady growth over the years.

Engineered Air manufactures a variety of cooling and heating/cooling units; heat transfer coils; industrial heaters; direct fired make-up air units; and remote air cooled condensers.

**Expanflex Inc.  
419 Lebeau Boulevard  
Montreal, Quebec  
Canada H4N 1S2  
Tel: (514) 335-1150  
Telex: 05-825683  
Mr. Jacques Beauvais  
President**

■ Expanflex Inc. manufactures pressurized diaphragm expansion tanks with replaceable diaphragms. The firm produces 28 different models from 1 to 10,000 L in capacity. Expanflex tanks are used in the following applications: hot water heating; solar heating; drinking water; domestic hot water; cooling water; water hammer arrestor; glycol systems; pressure booster; and heat pumps.

Expanflex tanks are manufactured in accordance with ASME standards for a pressure of 125 psi and feature the following benefits: all tanks are epoxy-coated internally and externally; every tank is fitted with a combined pressure and temperature gauge; the gauge and air loading valves are both installed in exclusive stop and non-return valve bodies; all diaphragms can be replaced at the installation site in only a few minutes; and Expanflex interchangeable diaphragm tanks can be as much as 80 per cent smaller than conventional tanks.

**F.P. Industries Inc.  
20 Windsor Road  
Bromptonville, Quebec  
Canada J0B 1H0  
Tel: (819) 846-2771  
Telex: 05-836285  
Mr. Michel Garneau  
Sales Director**

■ F.P. Industries Inc., a Canadian-owned company established over 30 years ago, manufactures oil burners; forced draft burners; tankless coil water heaters; wood/coal boilers; gas burners; controlled combustion wood boilers; wood/electric boilers; gas boilers; gas-fired burners; oil boilers; and the Hydra series of electronic boilers.

The Hydra Es - 600 - M line electric boiler is available in capacities of 42 to 450 kW and comes equipped with an electronic card and programmable state-of-the-art microprocessors. This line was developed by F.P. Industries' own engineering department and features high versatility, meets all standards, and satisfies the requirements of heating experts.



**Federal Pioneer Limited**  
 19 Waterman Avenue  
 Toronto, Ontario  
 Canada M4B 1Y2  
 Tel: (416) 752-8020  
 Telex: 06-963724  
 Mr. Henry Kroeker  
 Manager, International Sales

■ Federal Pioneer Limited is a Canadian electrical manufacturing company with 11 manufacturing locations across Canada. The firm and its subsidiaries are engaged in the manufacture and sales of electric heating products for the commercial, industrial, agricultural, and residential markets.

The product line includes heavy-duty forced air heaters; electric furnaces; agricultural building heaters; portable construction heaters; electric baseboard heaters; light-duty fan-forced wallmount heaters; kickspace heaters; electric boilers; electronic controls for resistance electric heating systems; and electric heating parts and accessories.

All Federal products involve fully qualified engineers in the design, production and application stages. Quality control is achieved by the application of a stringent set of established quality control checks. Federal Pioneer is continually striving to bring superior products to the market in the most efficient and economical way possible.

**Giant Factories Inc.**  
 40 Lesage Avenue  
 Montreal, Quebec  
 Canada H1B 5H3  
 Tel: (514) 645-8893  
 Telex: 05-829709  
 Mr. Claude Lesage  
 President

■ Giant Factories, formerly Giant Electric, was incorporated in 1945 to manufacture irons and toasters. Hot plates, water heater electric elements and thermostats were added to the product line by 1953. In 1959, Giant Factories included residential storage water heaters in the product line and today manufactures almost half of the Canadian domestic water heaters produced. The company has also added two new products, gas water heaters and commercial tanks.

Giant Factories' residential water heaters range in size from 12 to 100 gallons and are quiet, efficient, long-lasting and easy to install. Giant Factories has everything needed for commercial or domestic water heating requirements, including its well-accepted immersion elements and thermostats.



The Giant E Plus II electric water heater operates quietly and efficiently.

**Hamilton Porcelains Limited**  
 25 Campbell Street, P.O. Box 594  
 Brantford, Ontario  
 Canada N3T 5N9  
 Tel: (519) 753-8454  
 Telex: 061-81194  
 Mr. A.V. Mason  
 President

■ Hamilton Porcelains Limited, a privately owned, all-Canadian company with a history dating back to 1852, manufactures technical ceramic component parts in its plant in Brantford, Ontario.

The Hamilton Porcelain product line includes perforated ceramic grids for infrared gas burners. All Hamilton products are of superior quality and are backed by expert service.

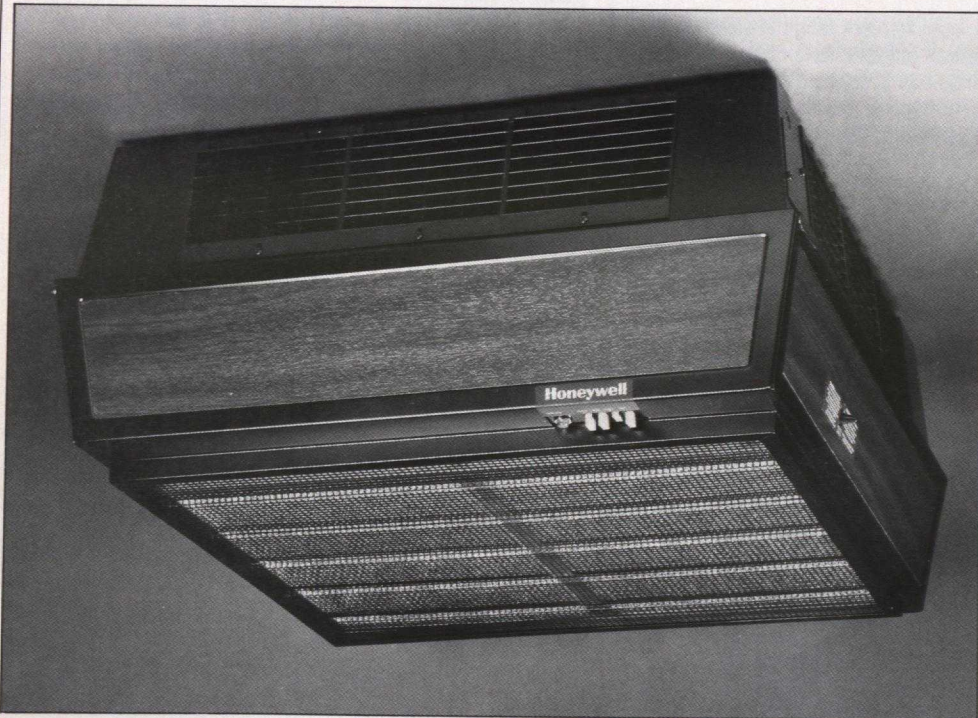


**Honeywell Limited**  
740 Ellesmere Road  
Scarborough, Ontario  
Canada M1P 2V9  
Tel: (416) 293-8111  
Telex: 065-25170  
Mr. Charles Baumert  
Associate Market Manager

■ Established in Canada in 1930, under a federal charter, Honeywell Limited engaged in initial manufacturing in Canada in 1932, starting with the assembly of temperature controls. Since then, Honeywell has emerged as one of the largest manufacturing entities in Canada.

Honeywell's products include controls for heating, ventilation, refrigeration and air conditioning (HVAC) applications;

electronic air cleaners for residential and commercial businesses; thermostats and controls for oil, gas, and electric furnaces and boilers; energy management control systems; valves; and a variety of other products designed to meet commercial or residential HVAC requirements.



The F70A self-contained electronic air cleaner is one of the many reliable products produced by Honeywell.

**Liberty Boilers (1982) Ltd.**  
3302-3rd Avenue South, P.O. Box 555  
Lethbridge, Alberta  
Canada T1J 3Z4  
Tel: (403) 327-3921  
Mr. J. Scott Henderson  
President

■ Liberty Boilers is a long-established (1948) boiler and pressure valve manufacturer. The Liberty product line includes immersion-fired steam and hot water package boilers (20 to 700 hp); immersion-fired glycol boilers (20 to 700 hp); hot water heaters; steam and hot water package dual-fuel boilers; firebox boilers (coal, solid fuel, and gas 10 to 130 hp); and ASME Code hot water storage tanks, blowdown tanks and custom pressure vessels.

Liberty has a complete mechanical contracting division to look after steam fitting, gas fitting, plumbing, controls, heating, electrical work and welding.



**Lion Engineered Products**  
P.O. Box 1086  
Winkler, Manitoba  
Canada R0G 2X0  
Tel: (204) 325-9532  
Mr. J.R. Lion  
General Manager

■ Lion Engineered Products has been manufacturing specialty electric heat products since 1981. The company specializes in electronically controlled electric domestic heating devices that can be used by electric utilities to control peak system demand. The utility has the ability to switch off the electric heat at times of peak demand and revert to a back-up fossil fuel system, hence the terminology dual fuel electric heat.

Lion also manufactures specialty electric heaters for the agricultural industry such as stock tank de-icers, brooder lamps, and heavy-duty portable heaters.

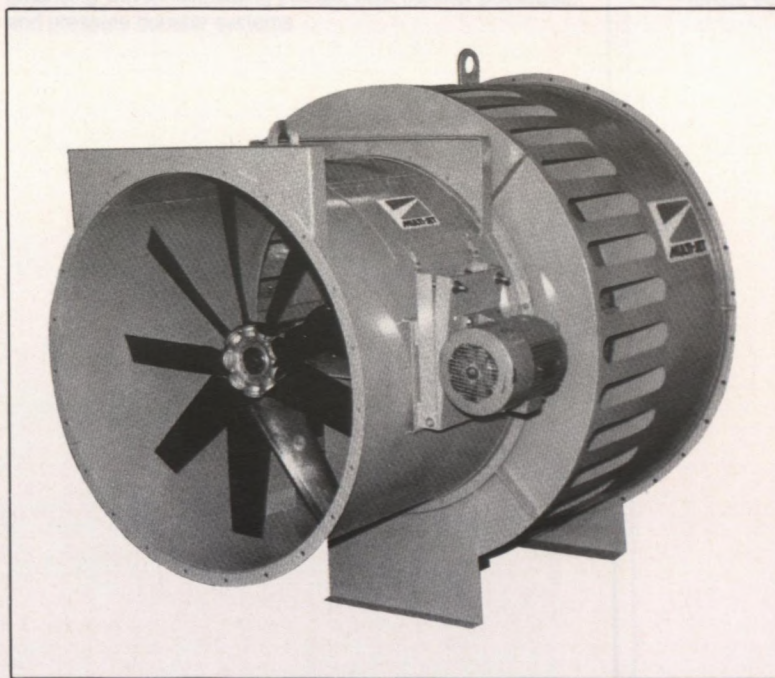
**Multi-Jet Energy Systems Ltd.**  
285 Fountain Street South  
Cambridge, Ontario  
Canada N3H 1J2  
Tel: (519) 653-8700  
Mr. George Irving  
President

■ Multi-Jet Energy Systems Ltd., incorporated in 1982, engineers, manufactures and installs energy conservation systems. Multi-Jet products include the Multi-Jet unit (used for both heat recovery and make-up air systems), exhaust fans, all necessary roof and wall intake hoods, piping and sheet metal fittings.

Multi-Jet products are inexpensive to operate compared with conventional equipment, deliver more air per horsepower, operate at higher levels of efficiency, require little maintenance, and operate in the low DBA sound ranges. Multi-Jet systems can be applied as major sources of make-

up air for industrial plants, or as a means of capturing direct or indirect high-temperature air for transporting to areas requiring heat.

Multi-Jet products are available in the U.S. through the firm's distributors in Michigan and Ohio.



The Multi-Jet unit is used for both heat recovery and make-up air systems.



**New Yorker Boiler Co. Ltd.**  
 P.O. Box 1850  
 Sussex, New Brunswick  
 Canada E0E 1P0  
 Tel: (506) 433-5185  
 Telex: 014-2823  
 Mr. Marc Blanchard  
 Comptroller

■ New Yorker Boiler Co. Ltd. is a Canadian-owned company established in 1969 that manufactures wood, oil and electric boilers ranging in size from 100,000 to 3,500,000 BTU.

New Yorker's electric boilers range from small residential units to large industrial and commercial ones and come in stand-alone, or bi-energy units for use in combination with others. As well, New Yorker manufactures oil-fired boilers that range in size from 100,000 to 1,000,000 BTU and include both vertical tube and horizontal tube models.

New Yorker also manufactures two models of wood boilers that are suitable for residential use and that can be stand-alone or bi-energy units.

**Pendell Boiler Limited**  
 50 Bartlett Avenue  
 Toronto, Ontario  
 Canada M6H 3E6  
 Tel: (416) 536-2191  
 Telex: 063666  
 Mr. D. Lomax  
 President

■ FUEL-GUARD boilers (capacity from 400,000 to 1.6 million BTU) are now the primary products of Pendell Boiler Limited. They reflect 20 years of imaginative development and careful manufacture to meet practical demands based on the experience of manufacturing boilers and matching firing equipment for more than 65 years.

A continuing dedication to quality includes incorporation of the practical advances in the combustion art by both FUEL-GUARD research and by the industry in general. Each burner is test-fired in the factory to minimize start-up problems for the installer. As well, common components are easily recognizable and available throughout North America.

**R A B Dedesco Ltd.**  
 106 Schneider Road  
 Kanata, Ontario  
 Canada K2K 1Y2  
 Tel: (613) 592-3026  
 Mr. R. Barkley  
 President and General Manager

■ R A B Dedesco Ltd. was incorporated in 1971 and has been manufacturing portable electronic combustion analyzers for flue gas measurements (to facilitate burner adjustments to minimize fuel consumption) since the fall of 1979. The company currently manufactures five models of analyzers called Furnace Efficiency Meters and has plans to add two additional models. Work is also under way on the development of a low-cost continuous flue gas analyzer for permanent installation in a boiler room.

R A B Dedesco products are quick and easy to use and have proved to be rugged, reliable and inexpensive to operate.



R A B Dedesco's portable electronic combustion analyzer is convenient and easy to use.



**Roberts-Gordon Canada Inc.**  
241 South Service Road West  
Grimsby, Ontario  
Canada L3M 1Y7  
Tel: (416) 945-5403  
Mr. R. Smith  
Vice-President

■ Roberts-Gordon Canada Inc. was incorporated in 1953 to produce gas conversion burners, gas-fired furnaces, as well as gas and electric water heaters. The company manufactures the Co-Ray-Vac system which is a compact network of overhead radiant tubes under a reflector that directs radiant energy downward. This method of heat transfer provides a highly efficient means of heating commercial/industrial spaces. Fuel savings up to 40 per cent and more have been reported by users of this system.

The unitary Gordon-Ray heaters employ the same infrared principles as the Co-Ray-Vac but do not condense the products of combustion to achieve the same combustion efficiency. Roberts-Gordon residential furnaces are manufactured with firing rates from 60,000 to 120,000 BTU/HR and efficiencies from 79 to 93 per cent. As well, Roberts-Gordon residential conversion burners, designed to convert existing solid fuel or oil-fired equipment to gas firing, are manufactured with inputs from 45,000 to 400,000 BTU/HR.

**S.A. Armstrong Limited**  
1400 O'Connor Drive  
Toronto, Ontario  
Canada M4B 2T9  
Tel: (416) 755-2291  
Telex: 06-963625  
Mr. J.C. Armstrong  
General Manager

■ S.A. Armstrong Limited, established in 1934, is a leading Canadian manufacturer of centrifugal pumps and heat exchangers. Today, S.A. Armstrong is a multinational company with subsidiaries in New York and England. Armstrong companies have gained a worldwide reputation through their commitment to quality-engineered precision-built products. Every pump manufactured by S.A. Armstrong is fully performance-tested before shipment.

S.A. Armstrong products include shell-and-tube heat exchangers; sewage and sump pumps; horizontal and vertical in-line process and commercial pumps; circuit balancing valves; circulating pumps; heat transfer packages; and pressure booster systems.

**Smart Turner Limited**  
5200 Dixie Road  
Mississauga, Ontario  
Canada L4W 1E4  
Tel: (416) 625-5695  
Telex: 06-961344  
Mr. T. Lindermere  
Marketing Manager

■ Smart Turner Limited, a Canadian-owned company founded in 1902, has long-established roots as a pump manufacturer in Canada and today remains committed to the manufacture and ongoing development of pumps for industrial and municipal services.

At Smart Turner, computer technology is backed by more than 100 years of manufacturing and engineering experience. Smart Turner's in-depth knowledge assures sound design, competent application, and quality workmanship. It is this combination that has earned Smart Turner pumps a reputation for consistent performance with minimum maintenance.



**Stelpro Limited**  
 28 Esna Park Road  
 Markham, Ontario  
 Canada L3R 1E1  
 Tel: (416) 475-9365  
 Telex: 06-986690  
 Mr. Fred Shonbeck  
 Product Manager

■ Stelpro Limited is a Canadian-owned company established in 1977. In 1982, Stelpro purchased the Westinghouse Canada Electric Heating Division. Since that time, Stelpro has embarked on a program of self-manufacturing all heaters formerly purchased by Westinghouse from others.

In 1984, a kickspace heater and a portable construction heater were introduced and in 1985, a line of commercial convection heaters was introduced — designed to suit today's modern office towers. As well, two lines of fan-driven heaters (one residential and one commercial) were added.

Stelpro's electric convection heaters range in size from 2 to 10 ft. in length and fit well into the decor of any building or office. All of Stelpro's products are manufactured with quality and the end user in mind, thus ensuring a durable and reliable product that will last a lifetime.

**Tekmar Control Systems Ltd.**  
 Site 15, Comp. 27, R.R. #6  
 Vernon, British Columbia  
 Canada V1T 6Y5  
 Tel: (604) 545-7749  
 Telex: 048-85384  
 Mr. Don Gibbs  
 Manager, Research and Development

■ Tekmar Control Systems Ltd. develops and manufactures electronic controls for hydronic (warm water) heating systems and for snow/ice-melting applications. Controls by Tekmar regulate heating systems by varying the water temperature in the heating system. (Indoor/outdoor reset is a minimum feature of all Tekmar controls.) This system is better than conventional thermostatic systems that turn the water flow on and off.

Tekmar's products are distributed extensively throughout the U.S. from Alaska to New Mexico.

**Tekmar Control Systems Ltd.**  
 The complete control unit, for residential and small commercial applications, includes a circulation pump, four-way mixing valve, actuating motor, electronic control, and temperature sensors.





**Teledyne Laars Canada**  
480 South Service Road West  
Oakville, Ontario  
Canada L6K 2H4  
Tel: (416) 844-8233  
Telex: 06-982213  
Mr. T.H. Sloan  
Vice-President and General Manager

■ Teledyne Laars Canada specializes in the manufacture of hydronic boilers and hot water heaters. Teledyne's hydronic boilers are of three types. The Type K construction boilers come in 250,000; 325,000 or 400,000 BTU/HR sizes and the Type L construction boilers come in seven sizes, ranging from 1,850,000 to 4,000,000 BTU/HR. As well, the Type Q construction boilers range from 500,000 to 1,666,000 BTU/HR.

All of Teledyne's products are carefully crafted and engineered to suit modern heating requirements.

**Thermofilm Corporation**  
8241 Keele Street, Unit 7  
Concord, Ontario  
Canada L4K 1Z5  
Tel: (416) 669-4166  
Telex: 06-964675  
Mr. W. Colin Bradbury  
President

■ Thermofilm Corporation, a Canadian-owned company established in 1982, manufactures non-metallic surface-heating elements.

Over the past decade, innovative technology in the field of polymer chemistry has been combined with basic electrical laws to produce a new generation of electric surface-heating elements. Completely non-metallic in construction, these elements represent a major departure from conventional hot-wire series resistors. Because they possess a unique set of properties and operating characteristics, including the fundamental objective of controlled heat output over a surface area, the new elements are ideally suited to a great variety of heating applications.

Thermofilm's electric panel heating elements have varied uses including space heating — for walls and ceilings; air heaters — in fan units for portable heaters; heat tracing — jacketing for industrial process pipes; and several specialty applications.

**Unilux Manufacturing Co. Inc.**  
140 Hanlan Road  
Woodbridge, Ontario  
Canada L4L 3P6  
Tel: (416) 851-3981  
Telex: 065-27438  
Mr. J.W. English  
Manager, Sales and Marketing

■ Unilux Manufacturing Co. Inc. was created in 1973 to produce a cost- and fuel-efficient alternative to existing environmental systems available to high-rise apartments, hotels and condominiums. The Unilux bent watertube boiler, for commercial heating and industrial process applications, is suitable for either gas or oil firing, commercial heating or industrial processes. The boiler can be used to generate hot water, high-temperature hot water, low-pressure and high-pressure steam.

The modern design Unilux boiler is intended to achieve maximum possible thermal efficiencies, using standard and serviceable burner technology. The furnace is actually a large-volume furnace of 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 can be assembled easily and efficiently at the job site and are available from 450 MBH up to 3,000 MBH, and for special design up to 3,500 MBH.



**Heating**

**Universal Heat Exchangers Inc.**  
1045 Hickson Street  
Verdun, Quebec  
Canada H4G 2L3  
Tel: (514) 766-3584  
Telex: 055-61668  
Mr. Bruno Fortin  
Sales Director

■ Universal Heat Exchangers Inc. produces a wide range of heat exchangers for the heating market. Universal manufactures generator air to liquid heat exchangers for hydro-electric power plants featuring electronically expanded liner tubes and tank spacers and covers, which are easily removed for cleaning; oil to oil heat exchangers for transformer cooling that feature a ferrule inserted in each tube to ensure a long and lasting life for the cooler; water to oil heat exchangers for turbine and generator bearing cooling that are custom designed; and universal super fin tubes that maintain heat transfer efficiency because of integral fins permanently positioned against the liner tube.

**Volcano Inc.**  
2020 Sainte-Anne Avenue  
Saint-Hyacinthe, Quebec  
Canada J2S 5H2  
Tel: (514) 774-5326  
Telex: 05-830545  
Mr. J.R. Breton  
Sales Director

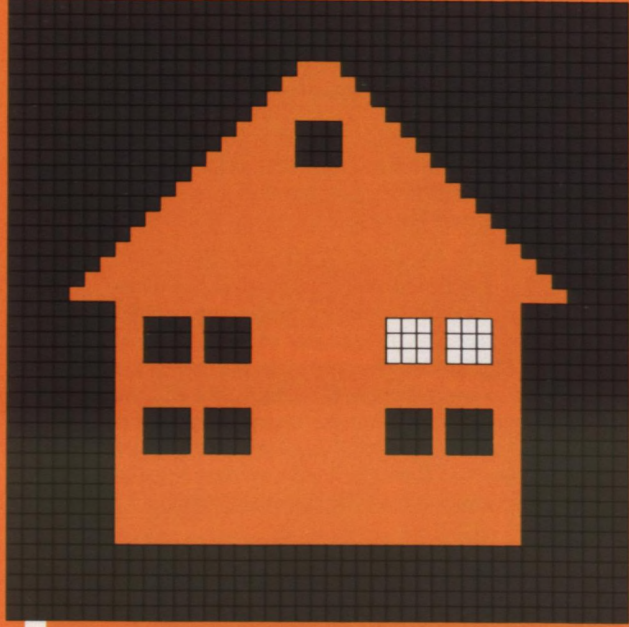
■ Since the 1920s, Volcano Inc. has specialized in the fabrication and service of boilers and boiler room equipment that use a diversity of fuels such as oil, natural gas, waste gas, wood residues and electricity. Today, Volcano produces a complete range of automatic packaged boilers and is currently increasing its development of field erected boilers. Also, as the Canadian pioneer of the Firetube boiler, the company is revolutionizing the way in which businesses dispose of wood-waste products.

Volcano's products include commercial boilers; industrial boilers; field erected boilers; thermal fluid heaters; de-aerators; boiler room accessories; and custom designed and built boilers.

**Westcan Electrical Manufacturing Inc.**  
192 Mary Street  
Brantford, Ontario  
Canada N3S 3C2  
Tel: (519) 759-2040  
Telex: 061-81123  
Mr. L.R. Ofield  
Vice-President and General Manager

■ A Canadian-owned company established in 1981, Westcan manufactures a wide variety of electrical products including electrical heaters. The firm manufactures baseboard heaters (up to 3,000 W); wall insert heaters with a tamper-proof thermostat insert button supplied as a standard option; forced-air unit heaters with operating ranges from 43°F to 85°F; and a wide variety of other heating products designed to satisfy all commercial, industrial and residential heating requirements.





# Solid Fuel



**A.P.R. Industries Ltd.**  
 1354 Waverley Street  
 Winnipeg, Manitoba  
 Canada R3T 0P5  
 Tel: (204) 452-9907  
 Mr. R. Pandey  
 Director

■ A.P.R. Industries Ltd., incorporated in 1978, is one of the leading manufacturers of wood burning stoves and heaters in Canada. The company manufactures nine models of wood stoves and heaters to meet the requirements of a variety of customers. All A.P.R. products are beautifully crafted, engineered, and finished for maximum efficiency.

As well, A.P.R. products are thermostatically controlled and have additional air blower devices to accelerate high heating efficiency. A.P.R. products are designed to heat from 1,000 to 1,500 sq. ft.

**A.P.R. Industries Ltd.**  
 The elegantly crafted K021 Model 200 tile stove offers economy, high efficiency, full-view glass, heavy-duty body, fresh air intake and many more highly desirable features.



**Canadian Ducting Limited**  
 1593 Sedlescomb Drive  
 Mississauga, Ontario  
 Canada L4X 1M4  
 Tel: (416) 625-4712  
 Telex: 06-961348  
 Mr. B.F. Stubbart  
 Manager

■ When fatalities from carbon monoxide poisoning began to occur in Ontario in 1979 as a result of blocked chimneys in homes converted to natural gas, the solution was to line the chimneys to prevent deterioration caused by condensate mixing with the residue left in the chimney by the fuel previously used. Unfortunately, because of the inherent irregularities in the chimney passageways, it was not always easy and sometimes impossible to insert a rigid liner into an old chimney.

Canadian Ducting Limited was incorporated in 1983 to manufacture a compact flexible chimney lining kit that would solve this problem. The 6 Flexi-Liner kit measures only 37 in. x 24 in. x 8 in. and weighs only 15 lb. but contains all that is necessary to line a chimney 30 ft. high. The kit contains 6 ft. of flexible double-layered aluminum ducting that can be stretched anywhere up to 30 ft. according to the height of the chimney. Thus, the Flexi-Liner is not only easy to install but also easy and inexpensive to transport and store.





Canadian Ducting Limited  
The Flexi-Liner comes in a compact kit that is lightweight, as well as easy to handle, transport and store.

**Cenergy Canada Ltd.**  
15304 Yellowhead Trail  
Edmonton, Alberta  
Canada T5V 1A1  
Tel: (403) 447-1135  
**Mr. G. Bourdeau**  
Vice-President

■ Unlike most other wood/coal burning stove and fireplace inserts in the world, the Cenergy combines the advantages of exceptionally efficient combustion with individually handcrafted beauty. Cenergy's free-standing refractory ceramic stoves and fireplace inserts feature a unique curved design which becomes your own personal statement of maximum efficiency and individual taste.

Every part of the Cenergy stove was designed with both beauty and function in mind. The large self-cleaning glass door allows the user to enjoy the beauty and warmth of the fire. Even the ceramic walls of the Cenergy serve to retain the heat inside, for low touchable exterior surface temperatures and safety. So safe in fact is it, that the Cenergy can actually be installed with only 2½ in. clearance. As well, Cenergy stoves come in a wide variety of colours and tile patterns.

Cenergy Canada Ltd.  
This handsome, free-standing refractory ceramic stove enhances any decor.





**Elmira Stove Works**  
 22 Church Street West  
 Elmira, Ontario  
 Canada N3B 1M3  
 Tel: (519) 669-5103  
 Mr. Brad Michael  
 Sales Manager

■ Established in 1976, Elmira Stove Works manufactures the Oval wood/coal stove, Canada's best-selling cookstove since its introduction in 1906. Although today's Ovals are manufactured airtight for continuous overnight heat, they still retain the classic beauty of the original stoves. In 1982, a new smaller-sized cookstove, the Sweetheart, was introduced to fill a growing demand from cottage/cabin owners and householders with compact-sized kitchens; and, in 1986, an all-electric stove was added to the company's line.

The company also manufactures fireplace inserts and free-standing stoves for both the Canadian and U.S. markets.

The Elmira stoves are warranted against defects in materials for a period of five years.

**Empress Fireplace Heaters Mfg. Inc.**  
 4390 Paletta Court  
 Burlington, Ontario  
 Canada L7L 5R2  
 Tel: (416) 639-4950  
 Telex: 061-8990  
 Mr. Peter Vanderplaat

■ Empress Fireplace Heaters Mfg. Inc., established in 1982, manufactures a line of high-quality prefabricated fireplaces incorporating many innovative design features never seen before in the industry. Empress offers a complete line of prefabricated fireplaces ranging from the economical to the ultra-sophisticated two-side model. Empress also produces airtight fireplace inserts, fireplace heat exchangers and airtight woodstoves. All the Empress products feature trend-setting styles geared toward the upscale consumer.

The Empress Model 722 features a convenient, built-in ash drawer; a controlled fan system; and damper and combustion controls hidden behind a filigreed brass control panel. The Empress SuperGrate features a specially engineered log holder to maximize combustion; a durable steel heat exchanger/high-volume fan system; and either a shimmering polished brass or a rich antique brass finish to maintain the SuperGrate's outstanding good looks for years.



The Empress SuperGrate has the elegant good looks and efficiency features to suit any discriminating homeowner.



**Enterprise Fawcett Inc.**  
 Lorne Street  
 Sackville, New Brunswick  
 Canada E0A 3C0  
 Tel: (506) 536-1160  
 Telex: 014-2288  
 Mr. William J. Mills  
 General Sales Manager

■ Established in 1984, Enterprise Fawcett Inc. manufactures a variety of products for the residential and commercial heating markets.

Enterprise Fawcett produces five models of wood and coal burning furnaces, ranging in output from 85,000 to 175,000 BTU/HR (four of these burn wood only; the other is primarily a coal burning model); two models of airtight cabinet heaters, available with manual or bi-metal thermostatic controls and with a circulating fan optional; oil burning heaters and furnaces; steel plate heaters; and several models of wood burning hot water boilers.

The firm's products are sold in the U.S. through distributors located in Ohio and Pennsylvania.



Enterprise Fawcett Inc.  
 With an attractive "old-fashioned" appearance, the Enterprise Monarch provides up-to-date efficiency.

**Fingard Fire Protection Ltd.**  
 3607-20th Crescent  
 Vernon, British Columbia  
 Canada V1T 1G2  
 Tel: (604) 549-3277  
 Mr. S. Doug Gardner  
 President

■ Fingard Fire Protection Ltd., a Canadian-owned company established in 1984, manufactures an automatic chimney fire extinguishing unit. The Fingard chimney fire extinguishing unit is designed to extinguish a chimney fire before damage is caused by the intense heat generated from a fully involved chimney fire. Temperatures have been recorded during such a fire that range from 2,000 to 3,000°F. This intense heat can crack flue liners and even turn mortar to dust.

Fingard's unit is installed by properly trained service people with updated knowledge on chimney construction and building code standards. As well, the Fingard unit only operates in actual chimney fire conditions, is automatically activated, and will not damage the chimney or the interior of the home.



A Fingard automatic chimney fire extinguishing unit works to protect the home from chimney fires without causing additional damage.



**Haugh's Products Ltd.**  
 25 Rutherford Road South  
 Brampton, Ontario  
 Canada L6W 3J3  
 Tel: (416) 456-3964  
 Telex: 06-97562  
 Mr. Tony Mertens  
 Vice-President, Marketing

■ A Canadian-owned company founded in 1938, Haugh's Products has a diversified product line that includes stoves and spas, and in particular, the Champlain, Clarke and Douglas lines of free-standing stoves and the Fraser fireplace insert.

All Haugh's products feature steel construction, a baffle for maximum combustion, a heating capacity of 1,200 to 1,800 sq. ft., and a five-year warranty.



Haugh's Model 42160 provides beauty along with comfort and efficiency.

The firm's fireplace inserts feature double wall construction, spin drafts, variable speed controls and fans to provide faster heating, and a five-year warranty.

**Heritage Energy Systems**  
 23 Balsam Street  
 Collingwood, Ontario  
 Canada L9Y 4H7  
 Tel: (705) 445-5650  
 Mr. G.W. Carson  
 President

■ Heritage Energy Systems, in the solid fuel appliance business since 1978, manufactures three models of wood burning stoves and two models of fireplace inserts. All Heritage products have non-tarnish gold-plated doors, and through the technology of the two-tier combustion system, self-cleaning glass. The stove models provide heating capacities from 600 to 2,000 sq. ft. and fireplace inserts from 800 to 2,000 sq. ft.

Heritage stoves and inserts have other outstanding features: double-walled convected air system; capability for outside combustion air hook-up; low stove installation clearances (triple-backed construction); standard insert direct flue connector kit; replaceable internal parts; and a series of options designed to beautify and add value to the client's home.

Heritage Energy Systems' products are distributed by Hot Stuff Wood & Coal Inc. of Clifton Park, New York.



The attractive Cartier II heats 1,500 to 2,000 sq. ft. with efficiency and ease.

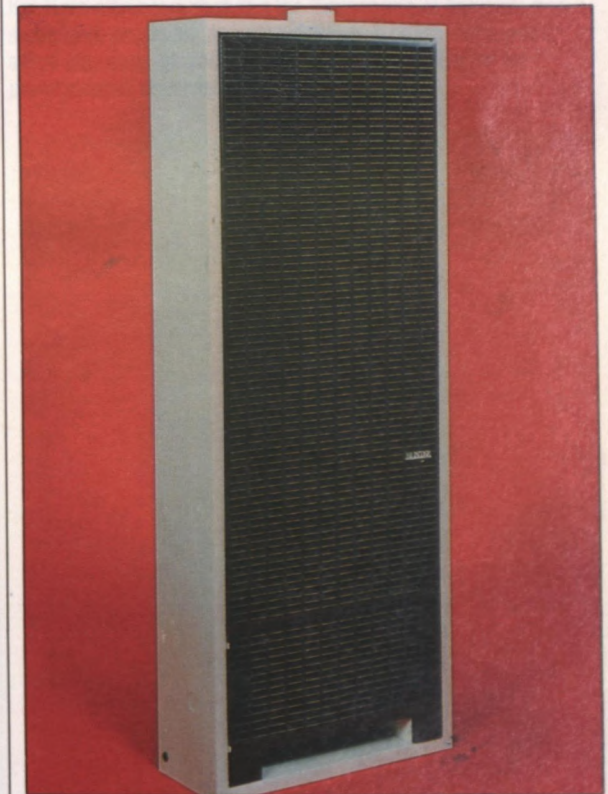




Heritage Energy Systems

Hunter Enterprises Orillia Limited  
 P.O. Box 400, 1 Colbourne Street West  
 Orillia, Ontario  
 Canada L3V 6K1  
 Tel: (705) 325-6111  
 Telex: 06-875698  
 Mr. V. Koby  
 President

■ Hunter Enterprises Orillia Limited, a Canadian-owned company established in 1964, manufactures domestic heating equipment. The firm's products include gas wall furnaces (50,000 or 85,000 BTU/HR capacity); sealed combustion heaters (20,000 or 30,000 BTU/HR); wall fireplaces with glass fronts (25,000 BTU/HR); wall heaters (50,000 BTU/HR); and a variety of wood furnaces and wood/electric furnaces to suit any domestic heating requirements.



One of Hunter Enterprises' fine products is the GW50 warm air gas heater.



**J.A. Roby Inc.**  
20 Georges-Muir Street  
Charlesbourg, Quebec  
Canada G2N 1K7  
Tel: (418) 849-8095  
Mr. Alain Robitaille  
President

■ J.A. Roby Inc., established in 1961, manufactures beautifully crafted wood burning stoves. With unique designs and depictions on the doors, and quality engineering, J.A. Roby stoves provide superb comfort and satisfaction along with aesthetically pleasing equipment. J.A. Roby also manufactures fireplace inserts and regular wood stoves designed to heat from 900 to 1,800 sq.ft.

**James A. Ryder Manufacturing Ltd.**  
241 Arvin Avenue  
Stoney Creek, Ontario  
Canada L8E 2L9  
Tel: (416) 662-1701  
Mr. Tony Baptist  
Manager

■ A Canadian-owned company established in 1968, James A. Ryder began operations by manufacturing type B vents in sizes 3 to 30. With the building boom of the 1970s, the demand for different kinds of venting products for different fuels increased rapidly. James A. Ryder responded to these demands by adding one new type of venting product per year and was forced to move its manufacturing facilities three times in 15 years. Today, Ryder has over 16 different styles of venting products, 4 of which were invented and perfected by James A. Ryder staff.

**Justesen Products Corporation**  
20785 #10 Highway  
Langley, British Columbia  
Canada V3A 5E8  
Tel: (604) 530-5311  
Mr. R. Dempsey

■ Justesen Products Corporation was incorporated in 1980 to manufacture a wide variety of glass fireplace doors. The company's major products include three lines of stock bifold doors as well as custom bifold doors, custom wrought iron doors and custom wrought brass doors.

The Justesen product line includes the Ambassador and Diplomat models which are made of solid brass. The Heritage and Hearth-Glo models complete an impressive line of beautifully crafted fireplace doors. As well, Justesen will custom design and manufacture fireplace doors to customer requirements.



**KA-Heat Kachelofen Ltd.**  
 P.O. Box 669  
 Cobourg, Ontario  
 Canada K9A 4R5  
 Tel: (416) 352-2670  
 Mr. Erich Falkenberg  
 President

■ Established in 1976, KA-Heat Kachelofen manufactures ceramic tiled stoves and heating equipment for large masonry tile stoves with a weight of +/- 3,000 lb. and a heating capacity of 3,000 to 6,000 sq.ft. in 10 different models. KA-Heat also manufactures 10 models of portable stoves with heating capacities from 1,000 to 2,000 sq.ft.

KA-Heat has taken great care to develop stoves for the harsh North American climate and for use primarily with wood fuel. The stoves are built to heat the whole house (a large firebox) and can burn up to five hours with one hardwood fill-up — giving an after-fire heat output from three to eight hours.



KA-Heat Kachelofen Ltd.  
 The elegant Faber-King ceramic tiled stove, Model FK10 Fire View 86, reflects classical charm while providing efficient heating.

**Kel Kem Ltd.**  
 18 Vale Crescent  
 Ajax, Ontario  
 Canada L1S 4R8  
 Tel: (416) 673-1511  
 Mr. Abe Kelly  
 President

■ A Canadian-owned company established in 1977, Kel Kem manufactures chemical specialties for wood heat, refrigeration, and oil and gas heat. The firm produces Kel Seal 3000 furnace and boiler cement which withstands temperatures up to 3,000 degrees, is asbestos-free and withstands freezing. Kel Seal 3000 even sticks to wet or moist surfaces and resists peeling or cracking after drying and curing.

Kel Kem also manufactures the Timber line of fireplace and stove care products, as well as chimney paint, stove paint, stove cleaners, glazed creosote remover and paints for prefabricated chimneys.



**Kerr Controls Ltd.**  
 P.O. Box 744  
 Truro, Nova Scotia  
 Canada B2N 5G1  
 Tel: (902) 895-9281  
 Telex: 01-934574  
 Mr. Andrew H. Keirstad  
 Vice-President

■ Kerr Controls Ltd. manufactures the Jetstream heating system. The Jetstream is not just an airtight wood burning stove or furnace. Rather, it is a total system based on a unique concept: generate maximum heat from wood and then store that heat for later use.

The Jetstream starts with an innovative combustion process that releases the total energy available in wood. Even tars (creosote) and gases are consumed in a way that is clean and virtually 100 per cent complete. Then the Jetstream delivers that heat to a storage system for use exactly when and where needed. As well, depending on needs and the season, the system can provide heat for hours or days. With the Jetstream, the customer maximizes heat production while minimizing fuel consumption for a truly economical home heating system.

**Kinematics Energy Systems Inc.**  
 R.R. #5  
 Belleville, Ontario  
 Canada K8N 4Z5  
 Tel: (613) 966-7741  
 Mr. Jack Kinsman  
 President

■ Kinematics Energy Systems Inc. manufactures high-efficiency Forge fireplaces which are distributed by masonry supply centres and fireplace specialty shops. The Forge fireplace is incorporated into a masonry fireplace during construction to greatly increase the heating ability of the fireplace and to reduce wood consumption. The factory-fitted, large ceramic glass doors permit the unobstructed, safe viewing of the fire. The door frames may be ordered with 24K gold plating.

Kinematics utilizes a two-cycle, reverse burning process activated by an easy-to-operate damper control to allow for an over-eight-hour fire-holding capacity. The downdraft air wash system uses preheated outside combustion air to keep the glass clean while eliminating drafts associated with less-advanced wood burning techniques.

The Forge fireplace, easily installed using standard clay tile flues and readily available masonry products, comes in standard, corner and "C" through models.



Kinematics Energy Systems Inc. Incorporated into a masonry fireplace during construction, the Forge fireplace, besides offering an unobstructed view of the fire, increases efficiency.



**L'Artisan du Garde-Feu Québécois Inc.**

400 Amiante Street  
Asbestos, Quebec  
Canada J1T 4N4  
Tel: (819) 879-2277  
Ms. Cécile Bossé  
Secretary Treasurer

■ In 1977, L'Artisan du Garde-Feu Québécois Inc. was founded in Asbestos, Quebec, to manufacture fireplace doors and accessories with true craftsmanship.

An exciting application of time-honoured artistry, for the ultimate in firescreen door excellence, provides the company's firescreens with many advantages, including proven energy conservation; insulated doors; wide range of models and colours; choice of modern or traditional fittings; and tempered glass panels (1/4" thick). The doors can be custom built to any size or shape on request.

**Les Poinçons de Waterloo Inc.**

P.O. Box 239  
Waterloo, Quebec  
Canada J0E 2N0  
Tel: (514) 539-3916  
Mr. Lucien Lamoureux  
President

■ A Canadian-owned company established in 1971, Les Poinçons de Waterloo manufactures the Le Campagnar line of beautifully crafted wood stoves.

All Le Campagnar stoves are equipped with a blower to push the air through the tunnel into a combustion chamber where heat is at its peak. The hot air is also circulated through openings located on each side of the stove for maximum efficiency. Le Campagnar stoves come in four different heating capacities: 1,000 to 1,200 sq.ft.; 1,200 to 1,500 sq.ft.; 1,500 to 2,000 sq.ft.; and 2,000 to 2,500 sq.ft.

**MHC Manufacturing Ltd.**

P.O. Box 475, 7 James Street  
Tweed, Ontario  
Canada K0K 3J0  
Tel: (613) 478-3030  
Mr. Iain Morton  
Manager

■ MHC Manufacturing Ltd., a Canadian-owned company which was established in 1977, manufactures Invis-A-Glass firescreen doors. The Invis-A-Glass glass doors feature a recessed-in-the-masonry design; draft controls to increase fireplace efficiency; easy installation; rugged-welded angle construction; and tempered glass behind the screen to combine functionality with safety.



**National Sewer Pipe Ltd.**  
 P.O. Box 1800  
 Oakville, Ontario  
 Canada L6J 5C7  
 Tel: (416) 822-7900  
 Mr. Fred Clarke  
 Sales Manager

■ In business since 1860, National Sewer Pipe Ltd. manufactures vitrified clay sewer pipes; clay chimney flue liners; steel fireplaces and inserts; plastic drainage tubing; and P.E. pipe couplings.

National Sewer Pipe's fireplaces and inserts, sold under the Jetmaster name, are known for their efficiency, ease of installation, and money-saving value. Jetmaster inserts are produced in nine standard sizes and are designed to fit most fireplaces. The inserts also come with an extensive warranty.

**Newmac Mfg. Inc.**  
 980 Juliana Drive, P.O. Box 545  
 Woodstock, Ontario  
 Canada N4S 7Y5  
 Tel: (519) 539-6147  
 Telex: 064-74119  
 Ms. Carole Logan  
 National Sales Manager

■ A privately owned Canadian company established in 1975, Newmac manufactures a complete line of solid fuel and multi-fuelled furnaces as well as oil furnaces and electric furnaces. All Newmac's products are designed for central domestic heating systems.

These are some of the features that make Newmac's products competitive: heat exchanger is 14-gauge steel for durability; casing is 20-gauge steel for stability; blowers come in 9 in. or 10 in. twin blower or 12 in. single blower for quiet operation; firedoors are heavy duty, extra large and low for easy clean-out; insulation of double-walled steel is used for permanent insulation on casing to cut down on casing heat loss and thereby increase efficiency; airtight wood side enables 83 to 85 per cent efficiency on flame retention head burner and a relay-transformer cuts off all electrical drafts on wood side immediately when burner starts. Each Newmac unit is designed and engineered for easy access to all parts for servicing.

**O'Dette Energies of Canada Ltd.**  
 595 O'Connor Drive  
 Kingston, Ontario  
 Canada K7P 1J9  
 Tel: (613) 384-1459  
 Mr. Craig H. O'Dette  
 President

■ O'Dette Energies of Canada Ltd. is a Canadian-owned company established in 1980. O'Dette manufactures three models of wood burning stoves and one model of fireplace insert with a variety of options available on all models (including 24K gold-plated doors).

O'Dette fireplace inserts and wood burning stoves, like the O-25 Model, have the practical features of efficiency and solid airtight construction combined with a pleasing appearance. Large high-temperature, thick glass panels in the doors provide safe fire viewing while retaining the open fireplace effect.

Even with today's frequent power interruptions, the owner of an O'Dette wood stove or fireplace insert can have the secure feeling of a warm home and a hot meal.



Available as options for O'Dette's efficient O-25 Model are the handsome 24K gold-plated doors.



**Old Time Stove Company Inc.**  
 57 Edwin Street  
 Kitchener, Ontario  
 Canada N2H 4N7  
 Tel: (519) 742-0611  
 Mr. Merv Redman  
 Vice-President

■ Established in 1979, Old Time Stove manufactures wood burning stoves and fireplace inserts, as well as the new Wrangler utility heater, a unique portable stove that is ideal for camping, hunting and other small heating applications.

Old Time Stove also manufactures the beautiful Beaumont series of wood burning stoves. The Beaumont-Viewmont provides total flexibility in design. The Viewmont offers a full view of the fire through a large, high-temperature ceramic window; a side-loading door that accepts 20 in. logs; a spin draft control on the door to facilitate easy start-up; and an air wash control that keeps the glass clean while feeding warm, oxygen-rich air to the secondary combustion chamber. As well, there is a second set of legs available that will convert the Viewmont to a free-standing stove.

All Beaumont wood burning stoves and fireplaces are protected by a five-year limited warranty.



Old Time Stove Company Inc.  
 The Beaumont Heatsaver, as well as adding beauty to the home, is a source of dependable, efficient heat.

**Oliver-MacLeod Ltd.**  
 155 Edward Street  
 Gravenhurst, Ontario  
 Canada P0C 1G0  
 Tel: (705) 687-3447  
 Telex: 0687-5519  
 Mr. Bernie Renwick  
 Marketing Manager

■ Oliver-MacLeod Ltd. manufactures a variety of quality wood stoves and fireplace inserts. The Canopus Difference stove features a panoramic door that is guaranteed against breakage due to heat, and is encased in a 24K gold-plated cast frame that affords as much viewing area as possible. At optimum performance, this self-cleaning door will maintain its clear view indefinitely.

Simple operation, ease of use and practicality are key factors with the Canopus. The Canopus uses an inexpensive 6 in. diameter chimney, has a double-catch safety latch to eliminate accidental openings, and with one flue damper, combustion is easily controlled.

Available in a choice of metallic brown or black, the Canopus offers the ultimate in safety, design and performance — blending unobtrusively into any decor.



Oliver-MacLeod Ltd.  
 A clear view is provided without loss in performance in the Canopus Difference wood burning stove.

**Onward Hardware Ltd.**  
 932 Victoria Street North  
 Kitchener, Ontario  
 Canada N2B 1W4  
 Tel: (519) 578-3770  
 Telex: 069-55378  
 Mr. Ted Witzel Jr.

■ First established in 1904, Onward Hardware has engaged over the years in a variety of manufacturing enterprises and today, among other products, manufactures the Pressurizer fireplace heating system.

The Pressurizer fireplace heating system actually reverses the flow of cold air drafts caused by doors, windows and exhaust fans. Fresh air is drawn from outside and circulated through the Pressurizer's patented heating system. As the heated fresh air enters the home, it creates a positive pressure resulting in excellent air distribution and even, comfortable heat throughout.

The Pressurizer system incorporates an inverted steel baffle that directs unburned products back through the fire bed, increasing efficiency and maximizing the heat output of every log. The same technology reduces the amount of pollutants caused by burning wood. This remarkable performance is achieved without sacrificing the elegant charm of a fireplace.



**Osburn Industries**  
 6691 Mirah Road, R.R. #3  
 Victoria, British Columbia  
 Canada V8X 3X1  
 Tel: (604) 652-3963  
 Telex: 0497271  
 Mr. Robert T. Mills  
 President

■ In the 1970s, as homeowners' needs for less-expensive methods of heating intensified, Osburn decided that the time was right for a new kind of wood stove: one that combined quality materials with an improved wood-burning efficiency. As well, because homeowners have to live with their wood stoves, Osburn designed ones that were attractive. The company's eye-appealing stoves combine quality, craftsmanship and efficiency in one product line.

Osburn's commitment to quality and state-of-the-art performance is backed by a design and production team of leading professionals to assure its distributors, dealers and customers of the finest wood burning heating appliances on the market today.

The Victorianaire Mk II and the Regent 1000 and 1500 feature heavy steel construction; 1/4 in. internal baffles; fire brick lining; and airtight doors.



**Osburn Industries**  
 Offering high efficiency in an attractive wood stove, the Regent 1500 combines beauty with superior craftsmanship.

**P.S.G. Distribution Inc.**  
 798-8th Street  
 La Guadeloupe, Quebec  
 Canada G0M 1G0  
 Tel: (418) 459-6458  
 Mr. François Duquet  
 Sales Representative

■ P.S.G. Distribution Inc. manufactures wood stoves and wood/electric furnaces, in particular the PSG 2000, 3000 and 5000. The PSG 2000 and 3000 feature a combustion chamber made of metal grade A.591, 3/16 in., 187 ml. thick; a heat exchanger made of metal grade A.591, 1/8 in., 125 ml. thick; easy loading and cleaning — the door (13 in. x 14 in.) is located 28 in. from the floor while the ash-pan (13 in. x 3 in.) is located at 18 in. from the floor (capacity for 40 lb. of wood). The electric element is located under the combustion chamber, well protected from the intense heat produced while in operation.

The PSG 5000 has many of the outstanding features common to the PSG 2000 and 3000 models as well as a loading capacity of 150 lb.

**Permaco Specialties Ltd.**  
 7870 Provencher Boulevard  
 Montreal, Quebec  
 Canada H1R 2Y5  
 Tel: (514) 376-7787  
 Telex: 05562171  
 Mr. David Cohen  
 Vice-President

■ Permaco Specialties Ltd. is a Canadian-owned company established in 1977. Permaco's combustion chambers are produced by dewatering a slurry of bulk ceramic fibres and special high-temperature binders to a specific chamber shape. The process enables a chamber to be formed to a uniform thickness, density and hardness to give exceptional handling strength. The advantages of Permaco chambers are light weight; high temperature stability; low thermal conductivity; low heat storage; high heat reflectance; one-piece construction; and a thickness of 1/2 in.

Permaco also manufactures combustion chamber liners for lining burned-out combustion chambers of domestic furnaces and turbine ventilators equipped with ball bearings sealed in grease.



**Powrmatic of Canada Ltd.**  
709 Léveillé Street  
Terrebonne, Quebec  
Canada J6W 1Z9  
Tel: (514) 471-6691  
Telex: 05-25873  
Mr. Norman Fleisler  
President

■ Powrmatic of Canada Ltd. manufactures oil/electric warm air furnaces, wood burning fireplaces, forced draft gas burners, oil or gas-fired boilers, wood furnaces and electric/wood furnaces.

Powrmatic's fireplaces and stoves feature attractive designs and unique features such as engraved exteriors and cooking grills. As well, the company's furnaces range in output from 80,000 to over 300,000 BTU and feature high fuel efficiency and many other features designed to cut fuel costs.

**Progressive Manufacturing Limited**  
100 Braid Street  
New Westminster, British Columbia  
Canada V3L 3P4  
Tel: (604) 525-8484  
Telex: 04-351462  
Mr. Ray Willey  
Marketing Manager

■ Established in 1924, Progressive Manufacturing produces a variety of fireplace glass doors, fireplace tools, and firescreens in its 43,000 sq.ft. facilities.

Progressive Manufacturing has its own plating and woodworking design department for special and customized orders. All the firm's products are made with the greatest of care to ensure high-quality craftsmanship, durability and beauty.

**R.S.F. Energy Ltd.**  
P.O. Box 2482  
Smithers, British Columbia  
Canada V0J 2N0  
Tel: (604) 847-4301  
Telex: 047-85627  
Ms. Lynn A. Christie  
Marketing Assistant

■ R.S.F. Energy Ltd., established in 1979, manufactures wood burning heating units. The current product line consists of nine models, ranging from free-standing heaters to fireplace inserts; from mid-sized furnaces to the massive F-200 that holds up to 1/4 cord of wood at a time.

The R.S.F. Energy units feature firebox capacities from 3 to 25 cu.ft.; a firebox that has a continuous weld, airtight design; an airtight door that is fitted with asbestos; efficiency; and creosote reduction. R.S.F. Energy's electric wall thermostat can control room temperature to within 1°C. All units are equipped to take in outside air and catalytic combustors can be added at any time. The furnaces are modular, so that one unit will function as an add-on to oil or electric, or function on its own. In addition, hot water coils can be added to heat the home's water.



**Security Chimneys Ltd.**  
2125 Monterey Street  
Laval, Quebec  
Canada H7L 3T6  
Tel: (514) 337-3387  
Telex: 05-27311  
Mr. Michel Verrier  
Sales Manager

■ Established in 1960, Security Chimneys manufactures the S-2100 chimney which can withstand chimney fires exceeding 2,100 degrees, is made of corrosion-resistant stabilized stainless steel, features 2 in. of Securitemps insulation imbedded by compression, and has a 10-year guarantee.

The BIS controlled-combustion stove manufactured by Security Chimneys ends the consumer's dilemma by providing the aesthetic appeal of a fireplace and the efficiency of a controlled-combustion stove. Security Chimneys simply designed its product to combine the best qualities of both. As well, Security Chimneys' Double-Wall Black Pipe (DWBP) features two walls for greater safety and slotted ends to radiate heat effectively. Unlike a single-walled unit, the DWBP can be installed 6 in. from combustible materials.



The BIS controlled-combustion stove from Security Chimneys Ltd. combines beauty with efficiency.



**Trent Metals Limited**  
P.O. Box 1088  
Peterborough, Ontario  
Canada K9J 7H4  
Tel: (705) 743-4746  
Telex: 0696-2947  
Mr. R.B. Murduff  
Vice-President

■ Trent Metals' manufacturing capabilities, located in a 56,000 sq.ft. facility, are consistent with the metal fabrication industry and include stamping, braking, shearing, welding, and spray painting. First incorporated in 1953, the company manufactures a standard range of residential grilles and diffusers and a complete line of oil, solid fuel, electric and combination fuelled warm air furnaces.

Trent Metals' line of warm air furnaces includes the following: the Low Boy oil-fired units, back breach with multifired capacities to 140,000 BTU output and a front breach unit with multifired capacities to 112,000 BTU output; solid fuel burning furnaces using wood or coal; combination wood/electric furnaces with electric back-up capacities of 15, 20, and 25kW; combination wood/oil furnaces with oil-fired capacity multifired to 137,000 BTU output; combination wood/coal/oil furnaces with oil-fired capacity multifired to 169,000 BTU output; and straight electric furnaces.

**Tweed Steel Works Eastern Ltd.**  
P.O. Box 340, 99 James Street  
Tweed, Ontario  
Canada K0K 3J0  
Tel: (613) 478-2126  
Mr. Laird Morton  
Sales Research and Development Manager

■ Tweed Steel Works Eastern Ltd. has been manufacturing warm air circulating, smoke-free, steel fireplace forms for almost half a century. The efficiency of a Tweed Steel fireplace, encased in a choice of stone, brick or other masonry finish, can provide spring and fall primary heat, and winter supplemental or emergency heat for home and cottage. This neat, prefabricated package contains the steel form and all the necessary fireplace components for simple installation. The customer is also ensured of proper proportion for efficient operation.

In an era of expensive, dwindling petroleum reserves, more emphasis is being placed on a renewable natural resource — wood. When wood is burned efficiently, a significant part of the heating requirements for the home or cottage can be met.

**W.R. Benjamin Products Limited**  
116 Junction Road, P.O. Box 2079  
Springhill, Nova Scotia  
Canada B0M 1X0  
Tel: (902) 597-8196  
Mr. Wm. Benjamin  
President

■ W.R. Benjamin Products Limited is a Canadian-owned company established in 1972 whose products include furnaces, boilers, stoves, and custom fabricated products. W.R. Benjamin's Wood King airtight furnace features up to 140,000 BTU output; a 30 in. long firebox; and a large tubular heat exchanger.

The Fire King airtight wood heater has a heating capacity of 1,500 sq.ft. and can handle logs up to 18 in. long. As well, W.R. Benjamin makes electric/wood hot air furnaces and multi-fuelled hot water boilers.



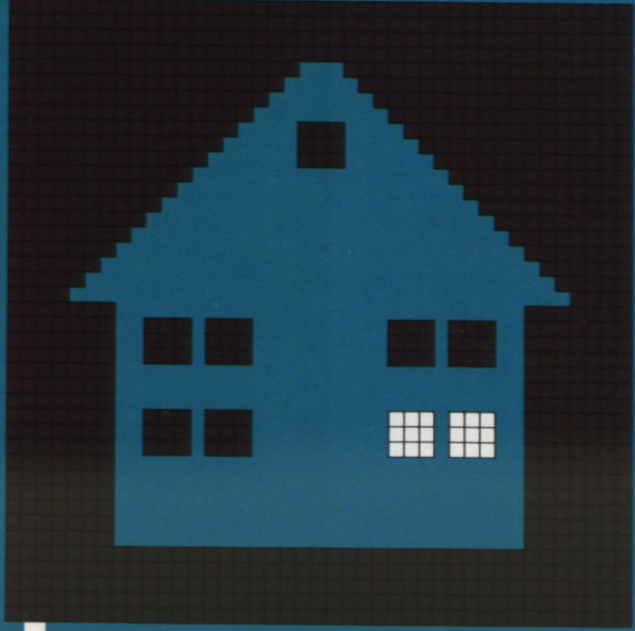
**Wolf Steel Ltd.**  
**R.R. #1**  
**Barrie, Ontario**  
**Canada L4M 4Y8**  
**Tel: (705) 737-2121**  
**Ms. Ingrid Schroeter**  
**Secretary**

■ Wolf Steel Ltd. manufactures airtight wood stoves, fireplace inserts and fireplace glass doors, including the Napoleon models of fireplaces and inserts and the Sunset Collection of fireplace glass doors. Napoleon fireplace insert models NFI-C and NC-12F come standard-equipped with every important feature a functional heater should have.

Their elegant appearance will enhance any existing fireplace while adding the efficiency only an airtight design can offer. A variety of decorative door plates (the Sunset Collection), an optional hood, and colour choices allow the Napoleon insert to be perfectly custom matched to the decor of any home.







# Refrigeration



**C.P. Fabien Ltd.**  
 405 Montpellier Boulevard  
 Saint-Laurent, Quebec  
 Canada H4N 2G6  
 Tel: (514) 747-9915  
 Mr. Léon DeLorme  
 Director General

■ Since 1883, C.P. Fabien has actively served all sectors of the cold storage industry, with products ranging from the traditional oak wood ice box to the modern sectional stainless steel walk-in cooler. C.P. Fabien currently manufactures a complete range of walk-in coolers/freezers, environmental rooms, blast freezers, freezing tunnels, and entire refrigerated buildings. The product line covers both standard modules and custom-designed enclosures.

The company's staff includes experienced and capable sales representatives and technical specialists to assist customers with their selections. As well, trained installation mechanics assure clients of professional site erection, when this service is required.

C.P. Fabien walk-ins are sectionally constructed and can be assembled to suit any shape or design required. Male and female joints ensure proper fit and rigidity and the sectional panel systems can be enlarged or reduced, as required, through the quick release locks.

**CIMCO, Division of Toromont Industries**  
 65 Villiers Street  
 Toronto, Ontario  
 Canada M5A 3S1  
 Tel: (416) 465-7581  
 Mr. S. McLeod  
 President

■ CIMCO is a leader in industrial refrigeration in Canada. With the need for refrigeration in all areas of the food industry, the vast chemical and petrochemical industries, the ever-increasing recreational and construction markets — CIMCO leads the way in technology, research and development.

In recent years, CIMCO has become affiliated with the Lewis Refrigeration Company in the U.S. This company operates a refrigeration, engineering, manufacturing, and contracting firm which was founded in 1953. Lewis is a pioneer in I.Q.F. freezing and holds several patents covering its fluidized food freezing systems. Other areas of Lewis experience include concrete cooling systems, CO<sub>2</sub> recovery systems, and freeze drying. Lewis Unipaks (packaged refrigeration systems) are used extensively in the process industries for temperatures as low as -250°F.

**Climate-Master Division of  
 Bow Valley Resource Services**  
 6130-97th Street  
 Edmonton, Alberta  
 Canada T6E 3J4  
 Tel: (403) 436-5924  
 Mr. D.J. Martin  
 Marketing Manager

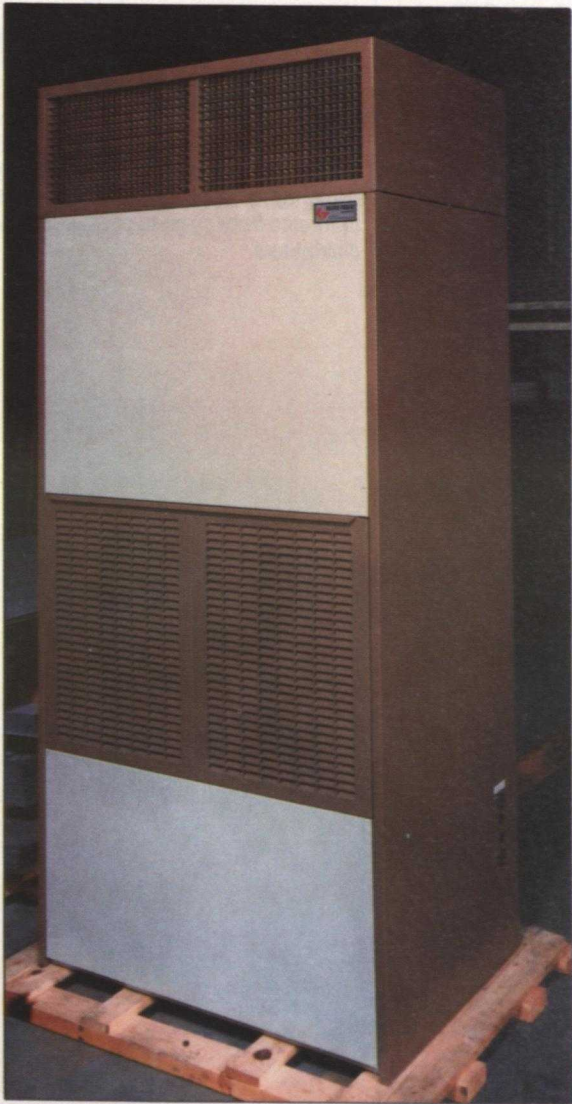
■ Climate-Master, established in 1951, is a wholly Canadian-owned manufacturer of air conditioning equipment. The company's product line has grown quickly to include approximately 50 different product categories. These products are sold under the following trade names: Flame-Master — residential and commercial heating equipment and parts; Buffalo Package Equipment — residential and commercial air conditioning products and parts; and Climate-Master — industrial, institutional, and custom-designed heating/air conditioning/ventilating systems.

Climate-Master has established a reputation as a supplier offering a complete line of quality-engineered air conditioning and heating products.



The ULA Series split system air conditioning unit from Climate-Master comes in sizes to suit residential or commercial applications and has a large coil surface area for quiet operation.







**Coldmatic Refrigeration of Canada**  
4500 Chesswood Drive  
Downsview, Ontario  
Canada M3J 2B9  
Tel: (416) 665-8640  
Telex: 06-217608  
Mr. Ian Cookson  
General Manager

■ Coldmatic Refrigeration of Canada is a major manufacturer of commercial and industrial refrigeration products. Originally established in 1946 and reorganized under a new name in 1962, Coldmatic has shown steady growth since the mid-1970s.

Coldmatic boasts one of the largest insulated panel production presses in North America with a capacity for producing single length wall panels up to 42 ft. long.

Coldmatic has proved to be innovative in the design of cold storage buildings, self-contained refrigerated cabinets, and display cases. Coldmatic's mandate is to produce a quality product at the lowest price with the shortest delivery period in comparison with its competitors.

**Coldstream Products of Canada Ltd.**  
1001 Regent Avenue West  
Winnipeg, Manitoba  
Canada R2C 4M2  
Tel: (204) 669-1201  
Telex: 075-7152  
Mr. J.A. Bracken  
Vice-President, Sales/Marketing

■ Coldstream Products of Canada Ltd., incorporated in 1949, manufactures a variety of retail refrigeration display cases; insulated panels used in the construction of walk-in coolers and refrigerated warehouses; and reach-in refrigerators.

Coldstream products come in a variety of sizes and models designed to satisfy any refrigeration requirements and are marketed from coast to coast in Canada through six distributors.

**Constant Temperature Control Limited**  
11 Millwick Drive  
Rexdale, Ontario  
Canada M9L 1Y4  
Tel: (416) 741-6520  
Mr. R.J. Elliott  
Vice-President

■ Established in 1957, Constant Temperature Control is a leading designer and manufacturer of environmental simulation equipment and systems; standard and custom environmental chambers; and combined environmental test equipment and instrumentation including microcomputer programmer-controllers. The company engineers and manufactures its equipment to integrate with the customer's facilities with total follow-up maintenance services.

Constant Temperature Control products are capable of simulating any environment man or nature creates, and have become the standard for testing and research facilities throughout Canada.



**Cornelius Manufacturing Company Limited**  
385 Carlingview Drive  
Rexdale, Ontario  
Canada M9W 5G8  
Tel: (416) 675-3570  
Telex: 06-989164  
Mr. D.W. Knudson  
President

■ The Cornelius Company is best known and most respected for the design and manufacture of beverage dispensers. Its product group includes pre- and post-mix equipment, beer dispensing systems, cup vendors and customized ice-cooled dispensers.

Cornelius pioneered much of today's bulk dispensing equipment for pre-mix products, as well as many of the modified units for post-mix dispensing.

Because installation, maintenance and service of pre- and post-mix systems are critical to operators, Cornelius maintains a complete service and service training department.

As well, the company works with soft drink firms in developing unique dispensers to satisfy special marketing needs. The Cornelius RefreShop is one such unit. It was designed as a self-contained, post-mix drink vendor for offices with limited space. It requires a minimum of housekeeping and service, and helps reduce the litter of empty cans and bottles.

**Dole Refrigerating Products Limited**  
450 Wyecroft Road  
Oakville, Ontario  
Canada L6K 2G7  
Tel: (416) 844-3624  
Mr. C. Freidrich  
General Manager

■ Dole Refrigerating Products Limited, established in 1956, manufactures vacuum evaporated plates with or without eutectic solution. These plates are widely used in truck transportation refrigeration and as plate banks or plate stands for marine or shore-side refrigerated rooms. The firm's Dole Cold-Wel truck refrigeration system circulates air around a plate holdover bank; and the Dole Freze-Cel double contact plate freezer offers extensive use for fast freezing a variety of products on board vessels or in plants.

**ESD Industries Inc.**  
1146 Westport Crescent, Unit 6  
Mississauga, Ontario  
Canada L5T 1G1  
Tel: (416) 671-3787  
Mr. R.A. LaRivière  
President

■ ESD Industries was established in 1980 as a manufacturing company in the refrigeration and air conditioning industries. The firm manufactures a waste heat recovery system (known as the Egosaver) that uses refrigerant gas to heat potable water for a variety of industries. The Egosaver utilizes a positive vented tube to prevent contamination and provides for the safe transfer of heat from ammonia and freon gas to potable water systems, or space heating units. Simple payback figures indicate less than two years for the recovery of the initial investment.

ESD Industries' products are available in the U.S. through Thermal Service Corp. in Barrington, Illinois.



**Franklin Electric of Canada Ltd.**  
 P.O. Box 5008  
 Strathroy, Ontario  
 Canada N7G 3J3  
 Tel: (519) 245-3220  
 Telex: 064-7148  
 Mr. Glenn D. Sharpe  
 General Sales Manager

■ Franklin Electric of Canada Ltd. manufactures air moving, jet pump, standard fractional and farm duty motors. Among the company's products are shaded pole blowers (double or single blower wheel, open vented motor, 115 V); shaded pole motors (3.3 in., 4.125 in. and 5.5 in. in diameter); condenser motors (5.5 in. diameter); belted blower motors; propeller fan motors; jet pump motors (1/3 to 3 hp); square flange pump motors for water systems; T.E.F.C. jet pump motors; pool and spa pump motors; and a variety of general-purpose motors.

**Habco Beverage Systems Inc.**  
 335 Steelcase Road East  
 Markham, Ontario  
 Canada L3R 1G3  
 Tel: (416) 475-6422  
 Telex: 06-986713  
 Mr. George Brown  
 President

■ Habco Beverage Systems Inc. has 35 years of experience in the design and manufacture of beverage cooling and dispensing equipment. Whether dispensing post-mix, pre-mix, or cooling traditionally packaged goods, Habco has a model to suit any need.

The recently introduced SPRINT over-counter dispenser delivers the best in cold drinks from a super-compact, low-profile over-counter soft drink dispenser. SPRINT brings the performance to serve up big profits with an advanced product

coil design that permits volume dispensing from five or six drink models. Quality and performance are built into every SPRINT from its tested components to its quality craftsmanship.

The heart of the SPRINT is a rugged, high-capacity, 1/3 hp lift-out refrigeration module that delivers an impressive 22 lb. ice bank with a recovery that is unmatched in the industry.



The SPRINT post-mix dispenser from Habco Beverage Systems provides convenient, compact over-counter service.



**Husmann Store Equipment Ltd.**  
58 Frank Street  
Brantford, Ontario  
Canada N3T 5E2  
Tel: (519) 756-6351  
Telex: 061-81120  
Mr. Don Dowden  
Vice-President, Sales Administration  
and Product Development

■ Husmann Store Equipment Ltd., established in 1948, manufactures refrigerated display cases for every application in food stores of all types, ranging from the largest supermarket to the smallest convenience or specialty store.

The Husmann GCRC model caters to special merchandising needs. Ice cream can be displayed in the high-visibility upper reach-in compartment and frozen foods in the bottom or vice versa. This versatility allows the arrangement of appealing combinations of high-impulse, high-profit items and bulk frozen foods in one display area.

Husmann's products feature adjustable display shelves; full-length lighting; high-efficiency insulation; and easy installation. As well, the firm's products are backed by affiliated distributors virtually worldwide.

The Husmann GC-RC "combination" low-temperature merchandiser is designed for convenient product display without loss of quality.





**ISKO Heat Exchangers Ltd.**  
 2700 De Miniac Street  
 Saint-Laurent, Quebec  
 Canada H4S 1K9  
 Tel: (514) 337-5192  
 Mr. Ishy Khan  
 President

■ ISKO Heat Exchangers Ltd., established in 1977, is a custom designer and manufacturer of shell and tube heat exchangers for the following industries: air conditioning and refrigeration; breweries, wineries and food processing; petrochemical and chemical; air and gas cooling; pulp and paper; marine; steam service; heat recovery, heat pumps, and solar heating; and the repair and replacement of tube bundles. The company also manufactures pressure vessels up to 4 ft. in diameter.

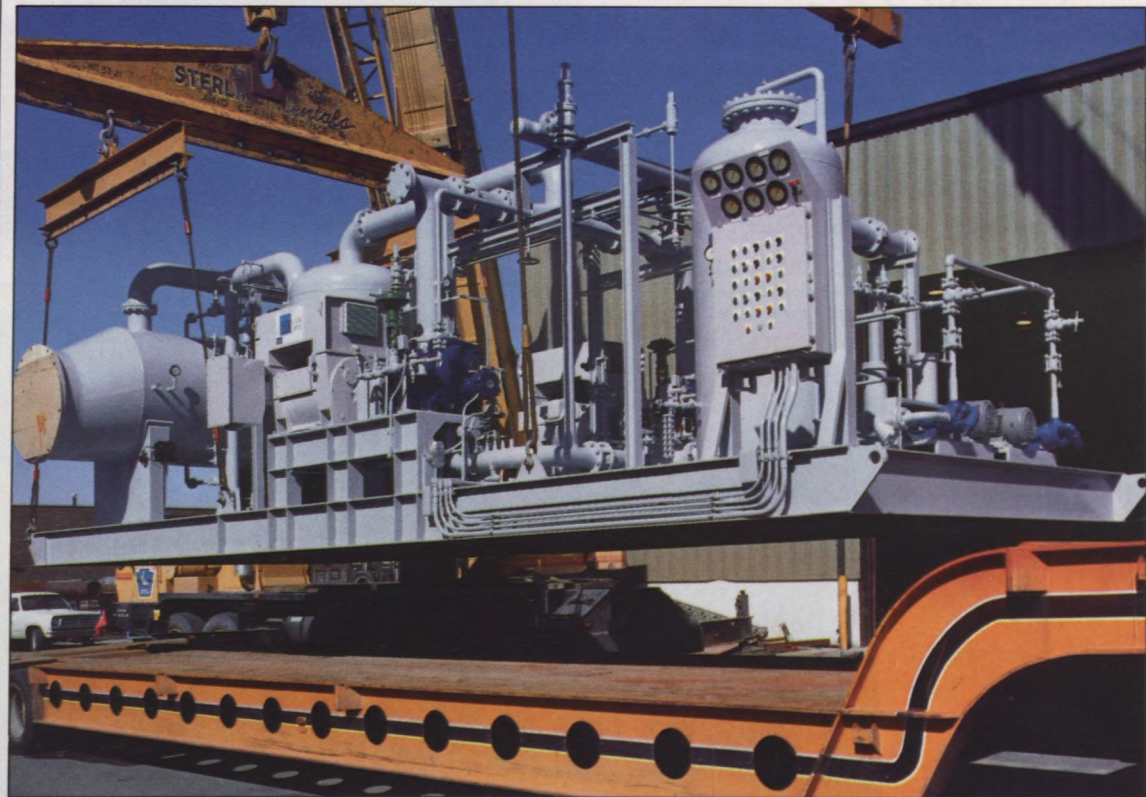
All equipment is manufactured to meet ASME, CSA, TEMA, and other codes.

**J.H. Lock & Sons, Limited**  
 150 Perth Avenue  
 Toronto, Ontario  
 Canada M6P 3X4  
 Tel: (416) 531-1186  
 Telex: 06-219525  
 Mr. James Holland  
 Vice-President

■ J.H. Lock & Sons, Limited is a Canadian-owned corporation specializing in the engineering, design and manufacturing of industrial refrigeration systems, process systems, and related fabricated steel products. The company's product mix includes industrial refrigeration systems for cold storage rooms and warehouses. These systems are used for breweries and soft drink bottling plants,

dairies and fish plants, to name a few of the more familiar food and beverage applications.

In addition, J.H. Lock & Sons has considerable experience in heat recovery systems, environmental test chambers and low temperature plastics processing.



J.H. Lock's air separation system for front end chilling has two 400 hp oil-injected rotary screw compressors and an A.P.I. class air-cooled condenser.



**Kool-Fire Limited**  
4425 Kent Street  
Niagara Falls, Ontario  
Canada L2H 1J2  
Tel: (416) 357-0667  
Mr. Gerry VanderVaart  
President

■ Kool-Fire, a Canadian company incorporated in Ontario in 1979, has, under various Canadian and U.S. patents, developed gas-fired heat pumps. These heat pumps are capable of heating and cooling, without backup systems, from temperatures of 120°F to -40°F. Unit sizes range from 2 to 10 hp split or complete package systems.

Kool-Fire's products are used for a variety of domestic and commercial applications and have proved to be reliable heating and cooling systems where humidity control is required. The units sit outside, require no gas or chimney in the structure, and connections for heating and cooling are made through a 4 in. hole in the wall. With over 200 different varieties of units, Kool-Fire offers a wide range of equipment from self-seeking to simple operation equipment.



More than 200 varieties of units give the Kool-Fire heating/cooling system a range from self-seeking to simple operation equipment.



**NORTEC Air Conditioning Industries Ltd.**  
2760 Fenton Road  
Ottawa, Ontario  
Canada K1G 3N3  
Tel: (613) 822-0335  
Telex: 053-3552  
Mr. J. Houlahan  
Vice-President and General Manager

■ NORTEC, established in 1974, is a manufacturer of electrode steam humidifiers. The firm's corporate head office and manufacturing facility is located in Ottawa, Ontario, with its U.S. sales office in Manheim, Pennsylvania. All products are distributed by the manufacturer's representatives in Canada and the U.S.

NORTEC's electrode steam humidifiers incorporate the patented Condair auto-adaptive system which monitors and controls the conductivity of the water in the humidifier. Electrode steam humidifiers boil water by the use of electrodes submerged in water, contained in a plastic cylinder. The unit is controlled by a microprocessor and is available with one of two distribution systems: a direct feed into the air handling systems or a blower system supplied by NORTEC for direct room distribution. Defensor atomizing humidifiers break water particles down by centrifugal force and disperse a cool mist into the air.

**Philip Doyle Manufacturing Inc.**  
75 Covington Street  
Hamilton, Ontario  
Canada L8E 2Y4  
Tel: (416) 561-0545  
Mr. Michael P. Doyle  
Vice-President

■ Founded in 1966, Philip Doyle Manufacturing specializes in the design, development and manufacture of efficient and serviceable, industrial duty air conditioning equipment for primary industries.

Philip Doyle's products, both air and water cooled, are available for a wide range of light, medium and heavy industrial heating, ventilation and air conditioning applications in a comprehensive choice of size and material specifications to meet specific end-use requirements.

All Philip Doyle products have been designed and built to operate effectively and deliver long life and optimum performance in high temperatures or adverse working conditions such as corrosive or heavy dust-laden atmospheres. The current product line includes overhead crane cabin air conditioners; O.S.H.A. standard coke oven and blast furnace air conditioners; electrical room air conditioners; mobile cooling units; and casting floor personnel cooling systems.



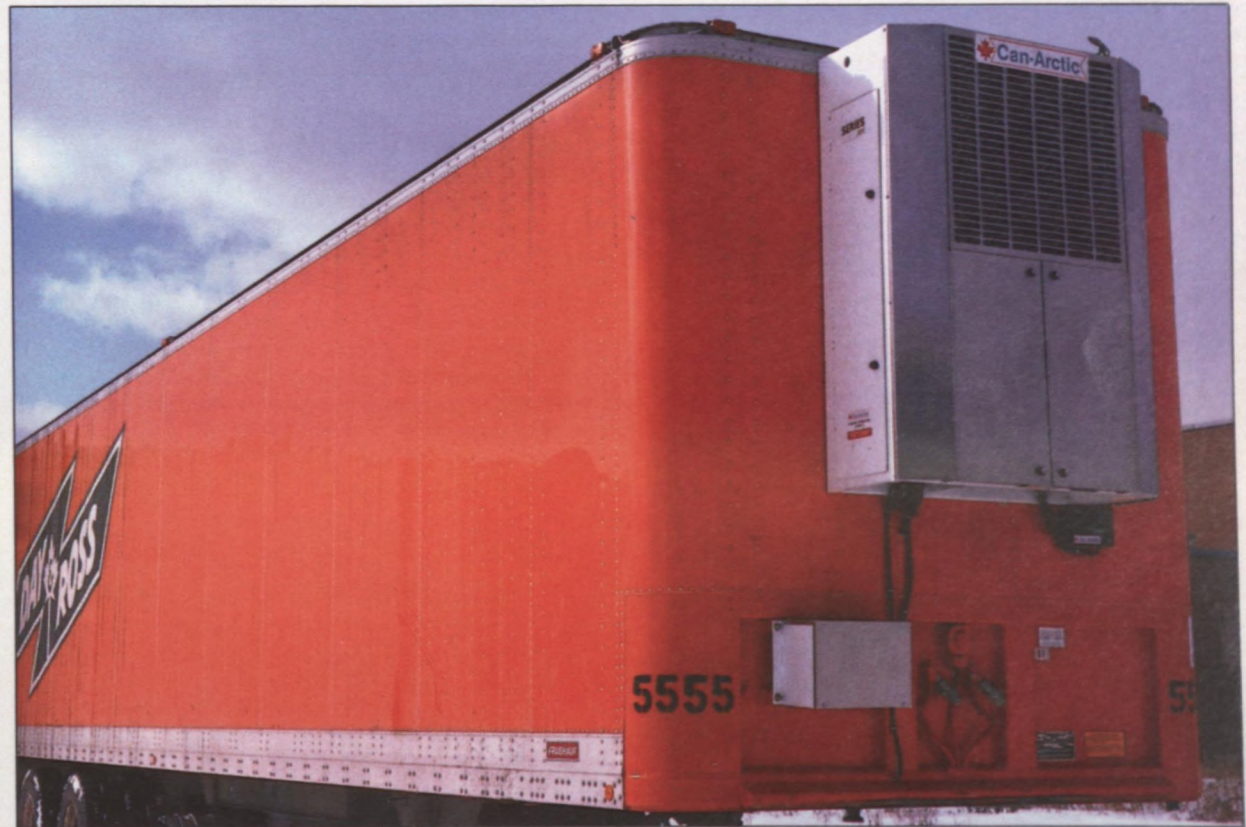
An overhead crane cabin air conditioner, Model 550H, is one of the efficient, serviceable products offered by Philip Doyle Manufacturing.



**Salim's Refrigeration Canada Ltd.**  
78 Signet Drive  
Weston, Ontario  
Canada M9L 1T2  
Tel: (416) 745-9007  
Telex: 065-27452  
Mr. S. Kala  
President

■ Salim's Refrigeration Canada Ltd., through its efforts to gain a market share in the transportation refrigeration industry, has developed a product that uses similar technology to that of heat pumps. The company was able to increase the efficiency of its units, compared to other units of the same size, by employing heat pump technology — creating extra heating capacity and, therefore, a shorter defrost cycle. This enables all models from the smallest Series 100 unit to the largest Series 600 model to cool more quickly than those of most other companies.

Salim's Refrigeration manufactures refrigeration units that range in capacity from 8,000 to 44,000 BTU at 35°F, and feature automatic cool/heat/defrost.



Salim's Can-Arctic Series 500/500E units are designed to give reliable service and to withstand road shocks and the elements.



**Stamford Metal Products Ltd.**  
21 Christie Drive, P.O. Box 600  
Beamsville, Ontario  
Canada L0R 1B0  
Tel: (416) 563-8611  
Telex: 06-967826  
Mr. Al Pinto  
President

■ A Canadian company established in 1971, Stamford Metal Products manufactures copper service dryers and access valves for the refrigeration industry.

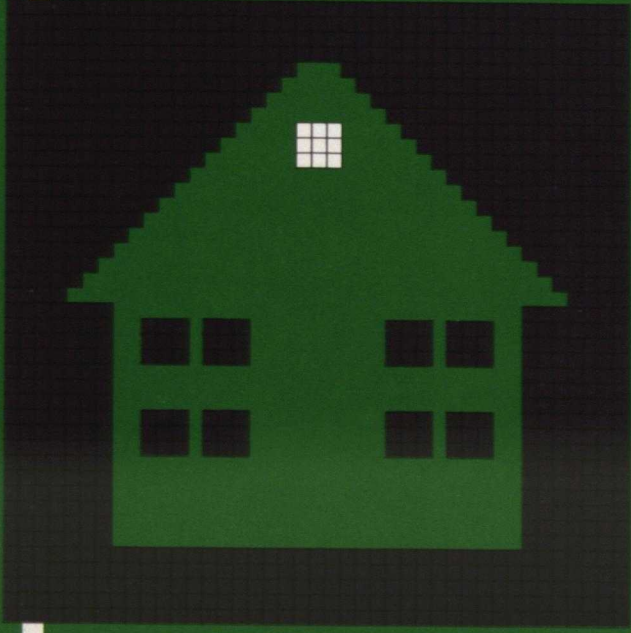
Stamford's products feature all copper shells and end tubes; 100 per cent molecular sieve; original equipment replacement service dryers; brass internal components; grooved-ends for easy break-off; hermetically sealed ends for factory freshness; and a bright finish. The products are ideal for refrigerators, freezers, air conditioners, and small commercial units. The dryers can be crimped, swaged, or flared to meet most applications.

**W.C. Wood Company Ltd.**  
5 Arthur Street, P.O. Box 750  
Guelph, Ontario  
Canada N1H 6L9  
Tel: (519) 821-0900  
Telex: 069-56576  
Mr. Colin Johnston  
Export Brand Manager

■ W.C. Wood Company Ltd. is a privately owned Canadian company established in 1930. The company's prime products are home freezers, humidifiers, dehumidifiers, range vent hoods, bathroom cabinets, fans, and tub enclosures. The W.C. Wood Company has built a reputation for providing top-quality products at competitive prices. Its manufacturing facilities are among the most highly automated and vertically integrated in the appliance industry. The injection moulding, plastic sheet extrusion, tube rolling, paint finishing, product testing, and automated metal fabrication of the company are modern and efficient.

All of this means that W.C. Wood Company products are reliable, price-competitive and efficient. Further, the company's products, available in 110 or 220 V configurations, are marketed in the U.S. through its Buffalo, New York, sales office.





# Ventilation



**Alpha Free-Flow Industries**  
6469 Netherhart Road  
Mississauga, Ontario  
Canada L5T 1C3  
Tel: (416) 678-1164  
Telex: 06-968802  
Mr. Terry Pierce  
Sales Manager

■ As one of the first Canadian manufacturers to produce spiral duct, Alpha Free-Flow Industries has earned a reputation as an industry leader. Alpha produces 50,000 lb. of spiral duct in the average week. The company's large inventory of raw materials makes it possible for it to provide customers with spiral duct and fittings in more gauges and material finishes than any other spiral duct manufacturer in Canada.

Alpha's Cana-Flex flexible air ducts for high, medium or low pressure systems offer many benefits for HVAC product consumers. The Cana-Flex series includes the Type C1 — non-insulated, the Type C1-1V — insulated polyolefin jacket and the Type C1-1A — insulated aluminumized jacket. The Cana-Flex series comes in sizes ranging from 4 in. to 24 in. in diameter and is designed for a wide range of residential, industrial or commercial HVAC applications up to 10 WG positive pressure and 2 WG negative pressure.

**Aston Industries Inc.**  
50 Courchesne Street  
Saint-Léonard d'Aston, Quebec  
Canada J0C 1M0  
Tel: (819) 399-2175  
Telex: 05-838530  
Mr. Claude S. Caron  
Vice-President

■ Aston Industries Inc., in business since 1952, manufactures heating, cooling and ventilation products for industrial, institutional and domestic use. Aston's product range includes domestic ventilation and humidity control systems that are adaptable to any house; the Thermotube 2300 motorized heat exchanger that transfers 70 per cent of the heat contained in expelled air to the incoming fresh air, and can be attached to and activated by a clothes dryer; the Aeromatic 8305 air intake/exhauster that is compact, wall-mounted, and ventilates to 1,000 sq.ft.; as well as numerous free-standing heaters and ventilators of various sizes and capacities.

**Blackhawk Industries Inc.**  
607 Park Street  
Regina, Saskatchewan  
Canada S4N 5N1  
Tel: (306) 924-1551  
Mr. Michael Horlick  
President and General Manager

■ Incorporated in 1982, Blackhawk Industries, with its head office, production and marketing facilities in 3,000 sq.ft. of manufacturing and office space, is a manufacturer of heat recovery ventilators for the residential, agricultural and light commercial sectors.

Blackhawk ventilators are constructed of flame retardant plastic, are corrosion-free and can be installed easily in virtually any environment. The motors are sealed, and the control and microelectronic low-voltage components are in moisture-free compartments within the fan module. Features include easy installation; selective ventilation rates; modular, non-corrosive plastic construction; quick disconnection for cleaning, service, and inspection; quiet, efficient axial flow fans; automatic balancing of air flow and mass flow rates; washable filters; variable speed motors; and microelectronic controls and monitors. All Blackhawk products surpass regulatory standards.



**Camco Inc.**  
55-4th Avenue  
Orangeville, Ontario  
Canada L9W 1G7  
Tel: (519) 941-5507  
Telex: 06-97571  
Mr. W.M. Stewart  
Manager, Sales and Marketing

■ Camco is one of the largest manufacturers of major appliances in Canada. Camco, established in 1977, manufactures a wide variety of products at its four major plants across Canada, including room air conditioners, humidifiers, and dehumidifiers.

Camco makes the Hotpoint line of air conditioners (5,000 to 12,000 BTU) which feature hand-finished woodgrain panels and lightweight portability. As well, the company manufactures the Hotpoint line of humidifiers that feature filters that are easy to clean and replace; a removable reservoir; and air direction control grilles. Camco's dehumidifiers are distributed in the U.S. under the name General Electric and feature woodgrain finishes and capacities ranging from 20 to 40 pints per day.

All of Camco's products are complemented by an extensive service department to ensure genuine replacement parts during and after the warranty period.

**Canadian Blower/Canada Pumps Limited**  
P.O. Box 9007, Station C  
90 Woodside Avenue  
Kitchener, Ontario  
Canada N2G 4K1  
Tel: (519) 744-8111  
Telex: 069-55485  
Mr. R.E. Schock  
Vice-President, Sales

■ Canadian Blower/Canada Pumps Limited (CB/CP) was originally founded in Montreal in 1905. In 1914, CB/CP's factory was moved to Kitchener, Ontario. Over the years, the manufacturing facilities have been expanded to the present capacity of over 200,000 sq.ft. CB/CP's facilities include a foundry capable of producing grey iron, aluminum, bronze, ni-resist and hard iron castings.

Virtually 100 per cent of all CB/CP manufactured equipment is acquired for heavy-duty industrial or commercial duty. Realizing this, CB/CP continues to design and fabricate all its units to withstand the demands of this kind of service, and a heavier gauge metal is used in critical areas. As well, modern welding, forming, machining, testing and balancing techniques are scrutinized by comprehensive quality-control personnel.

**Cascade Technologies Inc.**  
6330 Des Grandes Prairies Boulevard  
Saint-Léonard, Quebec  
Canada H1P 1A2  
Tel: (514) 326-9590  
Mr. Sirois  
General Manager

■ Established in 1973, Cascade Technologies Inc. manufactures the THERMOGAIN heat pipe, a self-contained, self-maintaining, passive energy recovery device. It has a very high thermal energy transfer coefficient utilizing vapour liquid flows. It can transfer up to 1,000 times more heat energy than copper, one of the best-known conductors, and do it with a temperature of less than 3°F per foot. The heat pipes have no moving parts, require no external energy (other than the heat they transfer), are reversible in operation, and are completely silent. And like any other piece of tubing or pipe, they are rugged and can withstand a lot of abuse.

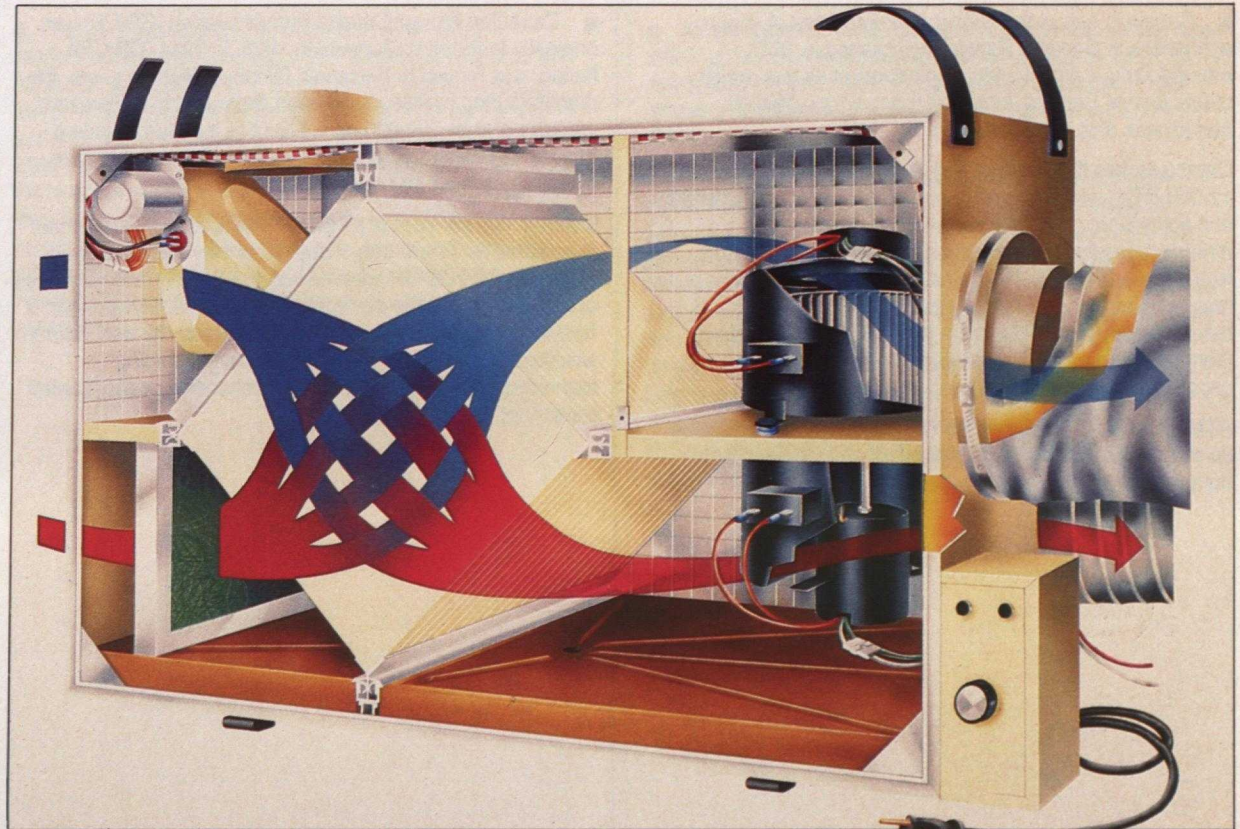
The THERMOGAIN heat pipe is constructed of individual heat pipes, each tested and inspected to ensure peak performance. These exchangers provide a simple, efficient and compact method of air-to-air heat recovery.



**CES — Conservation Energy Systems Inc.**  
3310 Millar Avenue  
Saskatoon, Saskatchewan  
Canada S7K 7G9  
Tel: (306) 242-3663  
Mr. S.L. Martini  
Marketing Director

■ Conservation Energy Systems Inc. (CES), specializing in ventilation technologies, manufactures ventilation systems that ensure the reduction of air pollutants caused by building materials, occupant activities, lingering odours, and high humidity which causes condensation on windows. CES is the oldest independent heat recovery company in North America, and is recognized as a leader in this sector. By having its own research, development, and manufacturing capabilities, CES continues to improve its products and stay ahead of the competition. The computerized research and development division of the company provides rigorous testing to ensure durable, reliable components for long-term, trouble-free operation.

Under the vanEE trade mark, CES provides a range of quality ventilators and accessories for residential, light industrial and commercial applications. CES has distributors and sales representatives throughout Canada and the U.S. and will continue to expand its product line.



The vanEE 2000 Series heat recovery ventilator from Conservation Energy Systems draws fresh outside air into the system and directs it to living/working areas, while simultaneously exhausting stale air.



**Del-Air Systems Ltd.**  
1704 - 4th Avenue, P.O. Box 2500  
Humboldt, Saskatchewan  
Canada S0K 2A0  
Tel: (306) 682-5011  
Telex: 074-21650  
Mr. Robert Hawkins  
General Manager

■ Del-Air Systems Ltd. manufactures and distributes specialty heat recovery equipment, ventilation system equipment, and offers specialty design services. Del-Air's products are designed to recover waste heat from ventilation exhaust air at a high efficiency without encountering difficulty with plate freezing or plate fouling. The general environmental effect of using such equipment is to lower humidity; reduce gases, dirt and dust; and pre-warm fresh ventilation supply air. Products range from 200 CFM to 10,000 CFM in packaged units, and up to 300,000 CFM in specialty installations. Winter use, with wide differentials between the temperature of the ventilated space and the outside temperature, provides the greatest gain.

In addition to heat recovery products, Del-Air manufactures axial ventilation fans and static-pressure inlets. All Del-Air products rely heavily on both plastic and stainless steel components and material to ensure a high level of corrosion resistance.

**Delhi Industries Ltd.**  
523 James Street  
Delhi, Ontario  
Canada N4B 2Z3  
Tel: (519) 582-2440  
Telex: 061-81224  
Mr. Dennis J. Banning  
Manager, Sales and Marketing

■ When Delhi Industries was established in 1939, the most common method of heating a home with warm air was by means of a gravity furnace. Moving air through the furnace by mechanical means was relatively new. Delhi began to manufacture blowers and established itself as a major supplier of blowers to Canadian furnace manufacturers.

Delhi manufactures a complete line of double inlet blowers; duct blowers and filters; roof exhausters; utility blowers with motors; fresh air units; ceiling, wall inline exhausters; utility blowers (non-overloading); and double inlet blowers (non-overloading).

**Dundas Foundry Company Limited**  
P.O. Box 249, 1st Avenue  
Simcoe, Ontario  
Canada N3Y 4L1  
Tel: (519) 426-5090  
Mr. R.J. Boswell  
President

■ A Canadian-owned company established in 1962, Dundas Foundry manufactures air moving products for industry, commercial, and agricultural users. The Dundas product line includes a variety of quality ventilation goods, including standard exhaust fans (equipped with single-speed ball bearing motors and automatic overload protection); two-speed fans (with automatic shutters); belt-drive ventilating fans; power roof ventilators (made of heavy-gauge spun aluminum — weatherproofed); exhaust and fresh air fans (equipped in a cabinet-type housing with weather hood); ceiling shutters; and a selection of quality fibreglass fans.



**E.H. Price Limited**  
 638 Raleigh Street  
 Winnipeg, Manitoba  
 Canada R2K 3Z9  
 Tel: (204) 669-4220  
 Telex: 06-3666  
 Mr. E.D. Dolyniuk  
 Western Sales Manager

■ E.H. Price Limited, established in 1946, is a wholly Canadian-owned company with its head office and principal manufacturing facilities located in Winnipeg, Manitoba.

The manufacturing activities of E.H. Price are concentrated in three major product groups: mechanical products — including air distribution devices and control equipment, air exhausting and related components; architectural products — including fully integrated energy-efficient ceiling systems; and aluminum extrusions — supplied through an affiliate company, Alcan Price. These play an important role in the construction, mobile home and light metal manufacturing industries. The essential characteristic of E.H. Price products is superior quality, ensured by precision manufacturing and in-house production control.

The customer who deals with E.H. Price Limited deals directly and effectively with every aspect of the organization and operation. Each sales and service representative is an employee of E.H. Price and committed to the client's needs.

**Five Seasons Comfort Limited**  
 351 North Rivermede Road  
 Concord, Ontario  
 Canada L4K 2X1  
 Tel: (416) 663-7693  
 Telex: 06-986766  
 Mr. H. David  
 Vice-President and General Manager

■ Five Seasons Comfort Limited was established in 1971 to produce portable electrostatic air cleaners, alongside its affiliate company Electr-Air Canada Limited.

All air cleaners manufactured by Five Seasons Comfort are electrostatic precipitators designed to remove smoke, dust, pollen, mould spores, bacteria, particles as small as 0.01 micron, and household odours, with up to 95 per cent efficiency. All have the benefits of high-quality engineering, solid state reliability, thermally protected motors, automatic safety interlocks, convertibility to 220 V, energy efficiency, and cost savings.

Unlike many of the air cleaners on the market today, with filter systems that need replacing twice a year or more, Five Seasons' cleaners offer an electronic collection cell that is guaranteed to last the life of the air cleaner (7 to 10 years). The cell has been designed to do all the dirty work and then wash clean, without replacement. All air cleaners are equipped with inexpensive, optional, carbon filters.

**Gorman Controls Ltd.**  
 South Melville, R.R. #1  
 Bonshaw, Prince Edward Island  
 Canada C0A 1C0  
 Tel: (902) 658-2550  
 Mr. James Gorman  
 President

■ Gorman Controls Ltd. manufactures managed ventilated vegetable storage systems. The Gorman ventilating system permits the management of air flow, time, temperature and relative humidity within a storage area, thus creating an optimum environment for the storage of vegetables, not possible under natural conditions.

A pressurized system allows for the induction of air, either ambient or refrigerated, through a duct work under the stored crop. The desired air temperature is forced through the pile, from bottom to top, affording temperature control of all areas within the mass and the corresponding exchange of higher than desired temperatures and undesirable storage gases. Additionally, moisture may be injected into the air stream by means of the spinning disk principle or compression of water through a proprietary nozzle, a method that has been proven to reduce storage weight loss and quality deterioration that result from evaporation as a result of respiration.



Shown is part of a managed ventilated vegetable storage system produced by Gorman Controls Ltd.



**Le Matériel Industriel Ltée**  
325 Grande-Caroline Road  
Rougemont, Quebec  
Canada J0L 1M0  
Tel: (514) 469-4934  
Mr. Bernard Sornin

■ Le Matériel Industriel Ltée manufactures a wide variety of ventilation products for the residential, commercial and industrial markets. The company's products include galvanized piping and fittings; grilles and registers; black stove pipe; dryer vent hood accessories; kitchen fan accessories; and a wide variety of aluminum piping and building materials.

**M & I Heat Transfer Products Ltd.**  
1375 Aimco Boulevard, Units 9 and 10  
Mississauga, Ontario  
Canada L4W 1B5  
Tel: (416) 625-8551  
Mr. D.K. Datta  
President

■ M & I Heat Transfer Products Ltd., founded in 1981, initially started business with a single product, the Positive Seal Damper. Later, the independent VAV air valve and the Space-Gainer, an energy-efficient air handling system, were added. M & I also brought out the Under-the-Window unit and a compartmental air handling system with an NC-36 noise level.

M & I's Positive Seal Damper comes in 12 in., 24 in. and 36 in. sizes and can have options such as stainless steel, aluminum or epoxy-coated construction. The VAV air valve features shut-off capabilities; pressure independence to within 10 per cent of set points; aluminum or stainless steel construction; and many other features and options suited to the heating, ventilation and air conditioning markets.

**M.K. Plastics Ltd.**  
57 Queen Street  
Montreal, Quebec  
Canada H3C 2N6  
Tel: (514) 871-9999  
Telex: 055-60916  
Mr. Minel Kupferberg  
President

■ Established in 1963, M.K. Plastics manufactures a wide variety of industrial equipment made from plastics. Among the company's products are the following: medium pressure centrifugal fans (4,800 and 60,000 CFM with 7 in. S.P.); high-pressure plastic ventilators (60,000 CFM and 18 in. S.P.); high-pressure blowers (2,000 CFM and 16 in. and 32 in. S.P.); air moving equipment; corrosion-resistant reinforced plastic tanks; and many other fans and blowers to satisfy any ventilation and storage requirements.



**McCarthy Robinson Inc.**  
321 Progress Avenue  
Scarborough, Ontario  
Canada M1P 2Z7  
Tel: (416) 298-1630  
Telex: 065-25117  
Mr. R.L. Dorey  
President

■ McCarthy Robinson Inc. provides engineering sales and service for air, liquid and noise pollution control equipment — as well as a proprietary line of regenerators for energy conservation — to a broad spectrum of industry. The firm began operations as a manufacturer's representative, specializing in engineering analyses of industrial applications for filtration equipment.

Since then, the company has expanded its line of equipment and established offices in major centres across Canada. As well, McCarthy Robinson is Canadian sales agent for the product lines of Dollinger Corporation, Matrix Projects Ltd. and W.W. Sly Manufacturing Co. Many of these products are manufactured at McCarthy Robinson's 14,000 sq.ft. head office/plant in Scarborough, Ontario.

In addition to the sales and manufacturing function, other services include design, manufacture and installation of turnkey systems for pollution control and conservation; and design and manufacture of specialty air filtering equipment.

**Nailor-Hart Industries Inc.**  
971 Weston Road  
Toronto, Ontario  
Canada M6N 3R4  
Tel: (416) 769-1167  
Telex: 06969658  
Mr. Howard Wheatley  
Vice-President, Marketing

■ Nailor-Hart Industries Inc. was founded in 1971 as a licensee of Advanced Air Inc. of Philadelphia to manufacture and market fire dampers in Canada. Within a few years, the licensee outgrew the licensor and expanded its line of products to include all types of duct dampers and air diffuser terminals. The combination of diffusers and fire control dampers led to a natural packaging of unique fire-rated dual-purpose air diffusers.

Nailor-Hart Industries' primary products include fire dampers that provide fail-safe protection in duct work systems; ceiling fire dampers; access doors that allow access to operating devices inside duct work; ceiling diffusers that provide air distribution to HVAC products and systems; fire-rated ceiling diffusers; and air control dampers.

**P.M. Wright Ltd.**  
1300 Jules-Poitras Boulevard  
Saint-Laurent, Quebec  
Canada H4N 1X8  
Tel: (514) 337-3331  
Telex: 05-826893  
Mr. P.J. Lamarche  
Vice-President, Marketing

■ P.M. Wright Ltd. was established in Montreal in 1921 as a manufacturer of electric heating elements. Initially, P.M. Wright specialized in industrial heating elements, electric duct heaters and heat recovery ventilators. Today P.M. Wright is a major Canadian supplier of electric duct heaters for both comfort and process applications. The company has obtained exclusive manufacturing rights for a German heat recovery ventilator known as the FAN-X-CHANGER or VENT-X-CHANGER. The unit embodies many innovative features that make it unique, trouble-free and inexpensive. The product is gaining wide acceptance in residential, commercial and industrial markets. Models range from a 70 CFM THRU-THE-WALL unit to a 10,000 CFM ROOF-TOP unit.

P.M. Wright also manufactures a wide range of standard and custom-designed electric duct heaters for the HVAC market. Special units are manufactured for process heating and ventilation as well as for the transportation industry (trains, tramways, and buses).



**Sheldons Engineering, Division of Delhi-Sheldons Inc.**  
96 Grand Avenue South  
Cambridge, Ontario  
Canada N1R 2L9  
Tel: (519) 621-1800  
Telex: 069-59395  
**Mr. T.K. Birss**  
Vice-President and General Manager

■ Sheldons Engineering, Division of Delhi-Sheldons Inc., a subsidiary of Canadian Corporate Management, is Canada's oldest fan manufacturer, having been in continuous business on the same site since 1896. For over 90 years, Sheldons Engineering has been actively engaged in the design, development and manufacturing of heating, ventilating and air conditioning equipment for major construction projects throughout Canada. Included among Sheldons' projects is a long list of famous buildings and well-known office complexes, such as the CN Tower, the Toronto Convention Centre, IBM Headquarters and the Toronto Stock Exchange.

A specialist in custom-built equipment for hospitals and institutions, Sheldons Engineering has supplied air conditioning equipment for almost every major hospital project across Canada. Sheldons Engineering's branch offices are able to produce fan performance curves and complex heat exchanger relations for the firm's customers by computer within minutes.

**Southwind Manufacturing Limited**  
99 Rocky Lake Drive, Suite 14  
Bedford, Nova Scotia  
Canada B4A 2T3  
Tel: (902) 835-5502  
Telex: 019-21510  
**Mr. Clarence W. Hubbard**  
President

■ Southwind Manufacturing Limited was the first company to manufacture a heat pump lumber dryer in North America in 1973, and has modified the basic design over the years to adapt to fish drying, heat reclaim and controlling relative humidity in process plants and mills. Southwind's heat pump dehumidification fish dryers allow for year-round production; offer energy savings of up to 60 per cent in comparison with conventional dryers; and provide consistently dry high-quality fish. In addition, heat given off by the heat pump can be used to advantage in other areas of the plant.

Southwind's heat pump dehumidification lumber dryers feature the following advantages: a lower drying temperature in early stages of drying produces a higher quality lumber; they are adaptable to any type of wood from green to 6 per cent moisture content, in quantities of 10,000 to 200,000 fbm; and they are energy-efficient (require 50 per cent less energy than the conventional kiln).

**Temspec Inc.**  
585 Canarctic Drive  
Downsview, Ontario  
Canada L3T 2K9  
Tel: (416) 661-0535  
Telex: 06218063  
**Mr. Corrie J. deKluyver**  
Vice-President and Secretary

■ Temspec Inc. designs, manufactures and markets heating, ventilating and air conditioning equipment. Its products include a line of energy-efficient residential fan-coil units, along with unit ventilators for commercial and institutional applications. Temspec has manufactured fan coils since 1971 and has produced in excess of 100,000 units. Temspec's primary customers are major plumbing and mechanical contractors, construction and development companies, and hotel corporations. The greatest area of use for Temspec fan coils has been in condominiums, apartments and hotels.

Temspec operates from a 55,000 sq.ft. manufacturing plant in Toronto. This facility, using modern equipment and conveyerized manufacturing systems, also contains a complete developmental and testing laboratory and engineering department.



**The Star Heat Exchanger Corp.**  
109-1772 Broadway Street  
Port Coquitlam, British Columbia  
Canada V3C 2M8  
Tel: (604) 942-0525  
Mr. Guillermo Larrain  
Executive Vice-President

■ The Star Heat Exchanger Corp. commenced research and development operations in 1979 with the purpose of developing a state-of-the-art heat recovery ventilation system for residential use at a reasonable cost. In 1982, Star began marketing a highly efficient all-plastic (non-corrosive) unit to the residential, light commercial and institutional markets. Some of the notable characteristics of the Star unit are as follows: highest available efficiency; lowest power consumption; non-corrosive; lightest weight (easy installation); versatility (the right model for every application); negligible maintenance (filter replacement once a year); a five-year warranty; and a low price.

As well, Star has remained in the forefront of technological developments and has now produced the first unit to be computer-controlled (a microprocessor control system).



# Product Category Cross- Index

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## Code for Sections

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Heating	(H)
Plumbing	(P)
Refrigeration	(R)
Solid Fuel	(SF)
Ventilation	(V)



## Air Conditioning and Refrigeration Equipment

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### Air conditioning units, room size

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Camco Inc. (V)  
 Engineered Air Division of Airtex Manufacturing Partnership (H)  
 Sheldons Engineering, Division of Delhi-Sheldons Inc. (V)

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### Air conditioning units, all others, including heat pumps

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Canadian Blower/Canada Pumps Limited (V)  
 Chromalox Canada Inc. (H)  
 Climate-Master Division of Bow Valley Resource Services (R)  
 E.H. Price Limited (V)  
 Engineered Air Division of Airtex Manufacturing Partnership (H)  
 Kool-Fire Limited (R)  
 M & I Heat Transfer Products Ltd. (V)  
 Philip Doyle Manufacturing Inc. (R)  
 Sheldons Engineering, Division of Delhi-Sheldons Inc. (V)  
 Unilux Manufacturing Co. Inc. (H)

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### Parts of air conditioning units, including coils

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Chromalox Canada Inc. (H)  
 Climate-Master Division of Bow Valley Resource Services (R)  
 Engineered Air Division of Airtex Manufacturing Partnership (H)  
 Franklin Electric of Canada Ltd. (R)  
 Honeywell Limited (H)  
 ISKO Heat Exchangers Ltd. (R)  
 Sheldons Engineering, Division of Delhi-Sheldons Inc. (V)  
 Stamford Metal Products Ltd. (R)  
 Temspec Inc. (V)

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### Air cleaners, electrostatic

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Dettson Inc. (H)  
 Five Seasons Comfort Limited (V)  
 Honeywell Limited (H)

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### Humidifiers, dehumidifiers and parts

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Acme Engineering Products Ltd. (H)  
 Camco Inc. (V)  
 Canadian Blower/Canada Pumps Limited (V)  
 Franklin Electric of Canada Ltd. (R)  
 NORTEC Air Conditioning Industries Ltd. (R)  
 Southwind Manufacturing Limited (V)  
 W.C. Wood Company Ltd. (R)

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### Refrigeration condensers

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CIMCO, Division of Toromont Industries (R)  
 Engineered Air Division of Airtex Manufacturing Partnership (H)  
 ISKO Heat Exchangers Ltd. (R)

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### Refrigeration units, commercial

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C.P. Fabien Ltd. (R)  
 Coldmatic Refrigeration of Canada (R)  
 Coldstream Products of Canada Ltd. (R)  
 Constant Temperature Control Limited (R)  
 Cornelius Manufacturing Company Limited (R)  
 Habco Beverage Systems (R)  
 Hussmann Store Equipment Ltd. (R)  
 ISKO Heat Exchangers Ltd. (R)  
 Salim's Refrigeration Canada Ltd. (R)  
 W.C. Wood Company Ltd. (R)

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### Refrigeration units/equipment, all others and parts

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C.P. Fabien Ltd. (R)  
 CIMCO, Division of Toromont Industries (R)  
 Coldmatic Refrigeration of Canada (R)  
 Coldstream Products of Canada Ltd. (R)  
 Dole Refrigerating Products Limited (R)  
 Five Seasons Comfort Limited (V)  
 Franklin Electric of Canada Ltd. (R)  
 Hussmann Store Equipment Ltd. (R)  
 J.H. Lock & Sons, Limited (R)  
 Salim's Refrigeration Canada Ltd. (R)  
 Stamford Metal Products Ltd. (R)



## Ducts, Fans, Ventilators, Grilles and Air Diffusers

## Equipment Controls, Thermostats

### Fans, axial, centrifugal, package unit

Aston Industries Inc. (V)  
 Canadian Blower/Canada Pumps Limited (V)  
 Delhi Industries Ltd. (V)  
 Dundas Foundry Company Limited (V)  
 M.K. Plastics Ltd. (V)  
 Sheldons Engineering, Division of Delhi-Sheldons Inc. (V)

### Fans, air circulators, electric, including portable, and parts

Aston Industries Inc. (V)  
 Temspec Inc. (V)

### Fans, unit ventilators, roof ventilators, electric and parts

Aston Industries Inc. (V)  
 Temspec Inc. (V)

### Metal grilles, air diffusers, ventilators including ducts, non-powered

Alpha Free-Flow Industries (V)  
 James A. Ryder Manufacturing Ltd. (SF)  
 Le Matériel Industriel Ltée (V)  
 Nailor-Hart Industries Inc. (V)

### Sheet metal furnace and stove pipe and other shapes

Alpha Free-Flow Industries (V)  
 Canadian Ducting Limited (SF)  
 James A. Ryder Manufacturing Ltd. (SF)  
 Le Matériel Industriel Ltée (V)  
 Nailor-Hart Industries Inc. (V)  
 Oliver-MacLeod Ltd. (SF)  
 Security Chimneys Ltd. (SF)

### Ventilated vegetable storage systems

Gorman Controls Ltd. (V)

### Equipment controls, thermostats

Aston Industries Inc. (V)  
 Danfoss Mfg. Co. Ltd. (P)  
 Honeywell Limited (H)  
 PEM Fountain Co. Division of Imperial Irrigation Co. Ltd. (P)  
 Tekmar Control Systems Ltd. (H)  
 Watts Regulator of Canada Ltd. (P)



**Fireplace Equipment, Fixtures and Parts****Fireplace fixtures/accessories**

Kel Kem Ltd. (SF)  
 Justesen Products Corporation (SF)  
 L'Artisan du Garde-Feu Québécois Inc. (SF)  
 MHC Manufacturing Ltd. (SF)  
 Progressive Manufacturing Limited (SF)  
 Wolf Steel Ltd. (SF)

**Fireplace units/heatilators/inserts/firelogs/heaters**

Elmira Stove Works (SF)  
 Empress Fireplace Heaters Mfg. Inc. (SF)  
 KA-Heat Kachelofen Ltd. (SF)  
 Kinematics Energy Systems Inc. (SF)  
 Les Poinçons de Waterloo Inc. (SF)  
 National Sewer Pipe Ltd. (SF)  
 O'Dette Energies of Canada Ltd. (SF)  
 Old Time Stove Company Inc. (SF)  
 Oliver-MacLeod Ltd. (SF)  
 Onward Hardware Ltd. (SF)  
 Osburn Industries (SF)  
 Powrmatic of Canada Ltd. (SF)  
 Tweed Steel Works Eastern Ltd. (SF)  
 Wolf Steel Ltd. (SF)

**Fuel Burning Equipment****Oil burners, heating type, and parts**

Aero Environmental Limited (H)  
 F.P. Industries Inc. (H)  
 Pendell Boiler Limited (H)  
 Permaco Specialties Ltd. (H)  
 Powrmatic of Canada Ltd. (SF)

**Gas burners, heating type, and parts**

Aero Environmental Limited (H)  
 Duomatic Olsen Inc. (H)  
 F.P. Industries Inc. (H)  
 Franklin Electric of Canada Ltd. (R)  
 Pendell Boiler Limited (H)  
 Permaco Specialties Ltd. (H)  
 Powrmatic of Canada Ltd. (SF)  
 Roberts-Gordon Canada Inc. (H)  
 Volcano Inc. (H)

**Fuel burning equipment, all others, and parts**

Pendell Boiler Limited (H)

**Heat Exchangers/Heat Recovery Systems and Parts****Heat exchangers/heat recovery systems and parts**

Acme Engineering Products Ltd. (H)  
 Aston Industries Inc. (V)  
 Blackhawk Industries Inc. (V)  
 Canadian Blower/Canada Pumps Limited (V)  
 Cascade Technologies Inc. (H)  
 CES — Conservation Energy Systems Inc. (V)  
 CIMCO, Division of Toromont Industries (R)  
 Del-Air Systems Ltd. (V)  
 ESD Industries Inc. (R)  
 ISKO Heat Exchangers Ltd. (R)  
 J.H. Lock & Sons, Limited (R)  
 McCarthy Robinson Inc. (V)  
 Multi-Jet Energy Systems Ltd. (H)  
 P.M. Wright Ltd. (V)  
 Powrmatic of Canada Ltd. (SF)  
 Pumps & Softeners Limited (P)  
 S.A. Armstrong Limited (H)  
 Southwind Manufacturing Limited (V)  
 The Star Heat Exchanger Corp. (V)  
 Universal Heat Exchangers Inc. (H)



## Heating Equipment, Warm Air

### Furnaces, warm air, electric

Brock Engineering Co. (H)  
 Chromalox Canada Inc. (H)  
 Federal Pioneer Ltd. (H)  
 Hunter Enterprises Orillia Limited (SF)  
 Lion Engineered Products (H)  
 Newmac Mfg. Inc. (SF)  
 P.S.G. Distribution Inc. (SF)  
 Powrmatic of Canada Ltd. (SF)  
 Trent Metals Limited (SF)  
 W.R. Benjamin Products Limited (SF)

### Furnaces, warm air, gas burning

Brock Engineering Co. (H)  
 Climate-Master Division of Bow Valley Resource  
 Services (R)  
 Dettson Inc. (H)  
 Duomatic Olsen Inc. (H)  
 E.J. Walsh & Company Limited (H)  
 Hunter Enterprises Orillia Limited (SF)  
 Powrmatic of Canada Ltd. (SF)  
 Roberts-Gordon Canada Inc. (H)

### Furnaces, warm air, oil burning

Brock Engineering Co. (H)  
 Dettson Inc. (H)  
 Enterprise Fawcett Inc. (SF)  
 Hunter Enterprises Orillia Limited (SF)  
 Kerr Controls Ltd. (SF)  
 Newmac Mfg. Inc. (SF)  
 Powrmatic of Canada Ltd. (SF)  
 Trent Metals Limited (SF)  
 W.R. Benjamin Products Limited (SF)

### Furnaces, warm air, solid fuel

A.P.R. Industries Ltd. (SF)  
 Brock Engineering Co. (H)  
 Duomatic Olsen Inc. (H)  
 Enterprise Fawcett Inc. (SF)  
 Hunter Enterprises Orillia Limited (SF)  
 Kerr Controls Ltd. (SF)  
 Newmac Mfg. Inc. (SF)  
 P.S.G. Distribution Inc. (SF)  
 Powrmatic of Canada Ltd. (SF)  
 R.S.F. Energy Ltd. (SF)  
 Trent Metals Limited (SF)  
 W.R. Benjamin Products Limited (SF)

### Furnaces, warm air, combination fuel

Duomatic Olsen Inc. (H)  
 Hunter Enterprises Orillia Limited (SF)  
 Newmac Mfg. Inc. (SF)  
 P.S.G. Distribution Inc. (SF)  
 R.S.F. Energy Ltd. (SF)  
 Trent Metals Limited (SF)  
 W.R. Benjamin Products Limited (SF)

### Parts and accessories, furnaces, warm air

CALORITECH Division, Casah Heating Systems Inc. (H)  
 Duomatic Olsen Inc. (H)  
 Franklin Electric of Canada Ltd. (R)  
 Honeywell Limited (H)  
 Kerr Controls Ltd. (SF)  
 Newmac Mfg. Inc. (SF)  
 P.S.G. Distribution Inc. (SF)  
 Permeco Specialties Ltd. (SF)  
 Trent Metals Limited (SF)

## Heating Equipment and Parts, Hot Water and Steam

### Heating boilers and steam generating units

Acme Engineering Products Ltd. (H)  
 CALORITECH Division, Casah Heating Systems Inc. (H)  
 Chromalox Canada Inc. (H)  
 Dettson Inc. (H)  
 E.J. Walsh & Company Limited (H)  
 F.P. Industries Inc. (H)  
 Federal Pioneer Ltd. (H)  
 Kerr Controls Ltd. (SF)  
 Liberty Boilers (1982) Ltd. (H)  
 Lion Engineered Products (H)  
 New Yorker Boiler Co. Ltd. (H)  
 Powrmatic of Canada Ltd. (SF)  
 Rheem Canada Ltd./Ltée (P)  
 Teledyne Laars Canada (H)  
 Unilux Manufacturing Co. Inc. (H)  
 Volcano Inc. (H)  
 W.R. Benjamin Products Limited (SF)

### Parts of heating boilers and steam generating units

Chromalox Canada Inc. (H)  
 Kerr Controls Ltd. (SF)  
 Liberty Boilers (1982) Ltd. (H)  
 New Yorker Boiler Co. Ltd. (H)  
 Permeco Specialties Ltd. (SF)  
 R A B Dedesco Ltd. (H)



## Heating Equipment and Parts, Hot Water and Steam (cont'd)

### Hot water/steam heating equipment, all others, and parts

Engineered Air Division of Airtex Manufacturing  
Partnership (H)  
Honeywell Limited (H)  
Powrmatic of Canada Ltd. (SF)  
Rheem Canada Ltd./Ltée (P)  
Sheldons Engineering, Division of Delhi-Sheldons Inc. (V)  
Tekmar Control Systems Ltd. (H)  
Teledyne Laars Canada (H)  
Unilux Manufacturing Co. Inc. (H)  
W.R. Benjamin Products Limited (SF)

## Heating Stoves, Space Heaters, Water Heaters and Parts

### Air heaters/space heaters, electric, including portables

Acme Engineering Prod. Ltd. (H)  
CALORITECH Division, Casah Heating Systems Inc. (H)  
Chromalox Canada Inc. (H)  
Copal (Canada) Ltd. (H)  
Federal Pioneer Ltd. (H)  
Lion Engineered Products (H)  
P.M. Wright Ltd. (V)  
Stelpro Limited (H)  
Thermofilm Corporation (H)  
Westcan Electrical Manufacturing Inc. (H)

### Heating stoves, space heaters, gas, including portables

CIS CAN Sales (Western) Ltd. (H)

### Heating stoves, combination cooking, space heaters, solid fuel

A.P.R. Industries Ltd. (SF)  
Cenergy Canada Ltd. (SF)  
Elmira Stove Works (SF)  
Empress Fireplace Heaters Mfg. Inc. (SF)  
Enterprise Fawcett Inc. (SF)  
Haugh's Products Ltd. (SF)  
Heritage Energy Systems (SF)  
J.A. Roby Inc. (SF)  
KA-Heat Kachelofen Ltd. (SF)  
Les Poinçons de Waterloo Inc. (SF)  
O'Dette Énergies of Canada Ltd. (SF)  
Old Time Stove Company Inc. (SF)  
Oliver-MacLeod Ltd. (SF)  
Osburn Industries (SF)  
Powrmatic of Canada Ltd. (SF)  
R.S.F. Energy Ltd. (SF)  
W.R. Benjamin Products Limited (SF)  
Wolf Steel Ltd. (SF)

### Water tank heaters, electric

Acme Engineering Products Ltd. (H)  
CALORITECH Division, Casah Heating Systems Inc. (H)  
Giant Factories Inc. (H)  
GSW Water Products Company (P)  
ISKO Heat Exchangers Ltd. (R)  
Rheem Canada Ltd./Ltée (P)  
Thermofilm Corporation (H)

### Water tank heaters, gas

GSW Water Products Company (P)  
Rheem Canada Ltd./Ltée (P)

### Water heaters, oil-fired

Brock Engineering Co. (H)  
GSW Water Products Company (P)  
ISKO Heat Exchangers Ltd. (R)  
Powrmatic of Canada Ltd. (SF)  
Teledyne Laars Canada (H)

### Unit heaters, all types

Acme Engineering Products Ltd. (H)  
CALORITECH Division, Casah Heating Systems Inc. (H)  
Canadian Blower/Canada Pumps Limited (V)  
Chromalox Canada Inc. (H)  
CIS CAN Sales (Western) Ltd. (H)  
Climate-Master Division of Bow Valley Resource  
Services (R)  
Duomatic Olsen Inc. (H)  
Engineered Air Division of Airtex Manufacturing  
Partnership (H)



## Pipes, Pipe Fittings, Tubes, Tubing and Valves

Federal Pioneer Limited (H)  
Hamilton Porcelains Limited (H)  
Powrmatic of Canada Ltd. (SF)  
Roberts-Gordon Canada Inc. (H)  
Stelpro Limited (H)  
Westcan Electrical Manufacturing Inc. (H)

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### Parts of heating equipment, including core units

Blackhawk Industries Inc. (V)  
Chromalox Canada Inc. (H)  
Federal Pioneer Limited (H)  
Franklin Electric of Canada Ltd. (R)  
Hamilton Porcelains Limited (H)  
Honeywell Limited (H)  
Security Chimneys Ltd. (SF)

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### Hot water storage tanks

Acme Engineering Products Ltd. (H)  
Acme Vessels & Metal Ltd. (P)  
Aero Environmental Limited (H)  
Expanflex Inc. (H)  
GSW Water Products Company (P)  
Liberty Boilers (1982) Ltd. (H)  
Rheem Canada Ltd./Ltée (P)  
W.R. Benjamin Products Limited (SF)

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### Parts of water heaters

Aero Environmental Limited (H)  
Chromalox Canada Inc. (H)  
Permaco Specialties Ltd. (SF)

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### Pipes and tubing, copper, including alloys

Noranda Metal Industries Limited (P)  
Wolverine Tube Division (P)

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### Pipes, tubes and tubing, plastic

Canplas Industries Ltd. (P)  
National Sewer Pipe Ltd. (SF)

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### Pipe fittings, copper and other metals

Associated Piping Products Inc. (P)  
Canvil Ltd. (P)  
Cello Products Inc. (P)  
London Factory Division, Emco Ltd. (P)  
PEM Fountain Co. Division of Imperial Irrigation Co. Ltd. (P)  
Victaulic Company of Canada Limited (P)  
Waltec Inc. (P)

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### Pipe fittings, plastic

Canplas Industries Ltd. (P)  
London Factory Division, Emco Ltd. (P)  
National Sewer Pipe Ltd. (SF)

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### Valves and valve parts

Associated Piping Products Inc. (P)  
Canplas Industries Ltd. (P)  
Canvil Ltd. (P)  
Danfoss Mfg. Co. Ltd. (P)  
Jenkins Canada Inc. (P)  
Lisk & Taylor Associates Ltd. (P)  
London Factory Division, Emco Ltd. (P)  
M & I Heat Transfer Products Ltd. (V)  
Victaulic Company of Canada Limited (P)  
Watts Regulator of Canada Ltd. (P)



## Plumbers' Brass Goods, Bathroom Accessories (excluding valves, pipes)

### Faucets, tub-fillers, showers and combinations

Crane Canada Ltd. (P)  
Danfoss Mfg. Co. Ltd. (P)  
H. Bélanger Plumbing Accessories Ltd. (P)  
Jacuzzi Canada Ltd. (P)  
Lifetime Faucets, Division of Great North Products (P)  
London Factory Division, Emco Ltd. (P)  
Transcontinental Energy Saving Products (Canada) Inc. (P)  
Waltec Inc. (P)  
Waterline Products Co. Ltd. (P)

### Bathroom accessories, fittings, excluding pipe fittings

Cello Products Inc. (P)  
Crane Canada Ltd. (P)  
Fasco Products Division of Indal Limited (P)  
Fleurco Industries (1963) Ltd. (P)  
Germain Manufacturing (P)  
H. Bélanger Plumbing Accessories Ltd. (P)  
Jacuzzi Canada Ltd. (P)  
Lifetime Faucets, Division of Great North Products (P)  
London Factory Division, Emco Ltd. (P)  
Lorenzo Industries Inc. (P)  
M & J Specialties (29122 Ontario Ltd.) (P)  
Manhattan Products Inc. (P)  
Modern Home Technologies Inc. (P)  
PEM Fountain Co. Division of Imperial Irrigation Co. Ltd. (P)  
Showerlux Canada Ltd. (P)  
The Diecut Group Inc. Hardware & Household Products (P)  
Valley Fibrebath Ltd. (P)  
Waltec Inc. (P)  
Waterline Products Co. Ltd. (P)

## Plumbing Fixtures and Sanitary Ware

### Bathtubs

Almico Plastics Limited (P)  
Crane Canada Ltd. (P)  
FIBEREZ Corrosion Molding Products Ltd. (P)  
Lorenzo Industries Inc. (P)  
Manhattan Products Inc. (P)  
Valley Fibrebath Ltd. (P)  
Waltec Inc. (P)  
Waterline Products Co. Ltd. (P)

### Sinks

Almico Plastics Limited (P)  
Architectural Metal Industries (P)  
Crane Canada Ltd. (P)  
Lorenzo Industries Inc. (P)  
Waltec Inc. (P)  
Wessan Plumbing Manufacturing Ltd. (P)

### Wash basins

Almico Plastics Limited (P)  
Crane Canada Ltd. (P)  
Jacuzzi Canada Ltd. (P)  
Waltec Inc. (P)

### Toilet seats and lids

Centoco Manufacturing Limited (P)  
Jacuzzi Canada Ltd. (P)  
Moldex Limited (P)  
Olsonite Company Limited (P)

### Toilets, toilet bowls, tanks and combinations, bidets, urinals

Crane Canada Ltd. (P)  
Jacuzzi Canada Ltd. (P)  
James Fitzpatrick Industries Limited (P)  
Lorenzo Industries Inc. (P)  
Modern Home Technologies Inc. (P)  
Sanitation Equipment Ltd. (P)  
Storburn Limited (P)  
Waltec Inc. (P)

### Plumbing fixtures and sanitary ware, all others

Almico Plastics Limited (P)  
Architectural Metal Industries (P)  
Avmor Ltd. (P)  
Crane Canada Ltd. (P)  
Fasco Products Division of Indal Limited (P)  
FIBEREZ Corrosion Molding Products Ltd. (P)  
Fleurco Industries (1963) Ltd. (P)  
Jacuzzi Canada Ltd. (P)  
James Fitzpatrick Industries Limited (P)  
Lorenzo Industries Inc. (P)  
Manhattan Products Inc. (P)  
Modern Home Technology Inc. (P)  
Sanitation Equipment Ltd. (P)  
Showerlux Canada Ltd. (P)  
Storburn Limited (P)  
Valley Fibrebath Ltd. (P)  
Waltec Inc. (P)  
Waterline Products Co. Ltd. (P)  
Wessan Plumbing Manufacturing Ltd. (P)



**Pumps****Other Equipment/Devices/Systems  
(not specified elsewhere)****Pumps, centrifugal**

Canadian Blower/Canada Pumps Limited (V)  
 GSW Water Products Company (P)  
 Jacuzzi Canada Ltd. (P)  
 Monarch Industries Limited (P)  
 Pumps & Softeners Limited (P)  
 S.A. Armstrong Limited (H)  
 Smart Turner Limited (H)  
 T.P.S. Industries Inc. (P)  
 Wicor Canada Inc. (P)

**Pumps, power**

Canadian Blower/Canada Pumps Limited (V)  
 GSW Water Products Company (P)  
 Jacuzzi Canada Ltd. (P)  
 Lion Engineered Products (H)  
 Monarch Industries Limited (P)  
 Pumps & Softeners Limited (P)  
 S.A. Armstrong Limited (H)  
 Smart Turner Limited (H)  
 Southwind Manufacturing Limited (V)  
 T.P.S. Industries Inc. (P)  
 Wicor Canada Inc. (P)

**Parts of power pumps**

Franklin Electric of Canada Ltd. (R)  
 Monarch Industries Limited (P)  
 S.A. Armstrong Limited (H)  
 Smart Turner Limited (H)  
 Wicor Canada Inc. (P)

**Non-power pumps and parts**

GSW Water Products Company (P)  
 Monarch Industries Limited (P)  
 Pumps & Softeners Limited (P)  
 T.P.S. Industries Inc. (P)  
 Wicor Canada Inc. (P)

**Water treatment equipment**

Ozonator Systems Inc. (P)  
 Pumps & Softeners Limited (P)  
 Wicor Canada Inc. (P)

**Chimneys, prefabricated**

Security Chimneys Ltd. (SF)

**Chimney automatic fire extinguishing unit**

Fingard Fire Protection Ltd. (SF)

**Fire protection devices, dry pipe control**

Lisk & Taylor Associates Ltd. (P)

**Tanks, all types, excluding hot water tanks**

Acme Vessels and Metal Ltd. (P)  
 Expanflex Inc. (H)  
 ISKO Heat Exchangers Ltd. (R)



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