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Industry, Trade  
and Commerce

Industrie  
et Commerce

Import Analysis

Analyse des importations

Pub. No. 03980 - A

HEATING EQUIPMENT AND PARTS

JULY, AUGUST AND SEPTEMBER 1979

**MATERIAL APPEARING IN SECTION III OF THIS REPORT MUST  
NOT BE REPRINTED WITHOUT PRIOR PERMISSION FROM THE  
IMPORT ANALYSIS**

Further information available from Import  
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C O N T E N T S

SECTION I - Scope of Analysis

SECTION II - Canadian Production

SECTION III - Analysis of Imports - Table I  
- Table II

SECTION IV - List of Foreign Exporters

SECTION V - Canadian and Foreign Tariffs

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REFERENCES: (1) Customs Tariff: Items 42805-1,  
44300-1, 44524-1 and 44603-1

(2) Trade of Canada Imports:  
(16 various import classes  
see Section I)

SECTION I

SCOPE OF ANALYSIS

This report is based on a detailed analysis of imports of heating equipment and parts as listed in Section III during the third quarter of 1979. These products are normally included in the following Statistics Canada Import Classes:

- 651-29 Heating boilers and steam generating units n.e.s.
- 651-49 Parts of heating boilers and steam generating units
- 651-99 Heating equipment, hot water and steam, and parts n.e.s.
- 653-24 Heating stoves and space heaters, fuel oil
- 653-29 Heating stoves and space heaters n.e.s.
- 653-31 Air heaters, electric, portable.
- 653-39 Unit heaters
- 653-53 Water tank heaters, gas
- 653-69 Water tank heaters, electric
- 653-71 Water heaters, n.e.s.
- 653-89 Heating equipment n.e.s.
- 653-92 Hot water storage tanks
- 653-94 Parts of water heaters n.e.s.
- 653-99 Parts of heating equipment n.e.s.
- 654-36 Gas burners, heating type, and parts
- 867-24 Fireplace fixtures, equipment and parts

SECTION II

CANADIAN PRODUCTION

Statistics Canada reports Canadian production of heating equipment from all industries for 1978, latest year available, as follows:

<u>Commodity</u>	1978	
	<u>Quantity</u> (No.)	<u>Value</u> (\$,000)
Power-type oil burners, domestic	32,211	3,576
Unit heaters (non-electric only)	39,544	11,849
Warm air furnaces, oil burning	39,778	13,353
Warm air furnaces, gas burning	127,914	28,996
Heating Radiators:		
Baseboard type, cast iron, pressed steel & other fabricated metal	..	7,140
Concealed type, cast iron, pressed steel & other fabricated metal		

NOTES: .. Figures not available  
 - Production or shipment data from all industries, for some other items as specified in Section III of this report are not published by Statistics Canada.

SOURCE: Statistics Canada, Catalogue # 41-225

SECTION III

ANALYSIS OF IMPORTS

Imports of heating equipment during the period July to September 1979 amounted to \$5,469,885. Although it is not noted in the analysis, USA was the major country of origin accounting for 75 per cent of total value of Table I in Section III. BTU ratings in most instances were not shown on invoices. Highlights of the results are given in this summary table:

<u>Item</u>	<u>Quantity</u> (No.)	<u>Value</u> (\$)	<u>Average Price</u> (\$)
Heating boilers up to 325 MBTU/H	242	139,315	575.68
Steam generating units for heating	5	80,593	16,118.60
Water tank heaters	8,801	797,667	90.63
Unit heaters	1,972	399,396	202.53
Cargo heaters	435	99,285	228.24
Space heaters	2,271	174,769	76.96
Electric heaters	3,146	253,555	80.60
Stoves, solid fuel	9,778	946,399	96.79
Fireplace units	4,599	826,671	179.75
Furnaces, warm air (Table II)	5,243	1,154,079	220.12
Burners, heating type (Table II)	2,380	257,974	108.39

Full details of the analysis are provided in the following table.

HEATING EQUIPMENT AND PARTS - TABLE 1

JULY, AUGUST AND SEPTEMBER 1979

	REGION OF ENTRY									
	TOTAL		Atlantic Provinces		Québec		Ontario		West of Ontario	
	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)
<u>Heating boilers up to 325 MBTU/H</u>										
Water with burner	73	78,908	*	*	*	*	13	25,015	28	31,130
Water, not specified	153	36,358	-	-	*	*	*	*	8	14,921
	<u>226</u>	<u>115,266</u>	<u>*</u>	<u>*</u>	<u>32</u>	<u>22,763</u>	<u>*</u>	<u>*</u>	<u>36</u>	<u>46,051</u>
Electric with burner	12	11,866	-	-	-	-	*	*	*	*
Electric, not specified	4	12,183	-	-	-	-	*	*	*	*
	<u>16</u>	<u>24,049</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>12</u>	<u>13,781</u>	<u>4</u>	<u>10,268</u>
Steam Generating units for heating with burner	5	80,593	*	*	*	*	*	*	*	*
<u>Parts for heating boilers</u>										
Sections, front	16	*	-	-	-	-	*	*	-	-
Sections, base	530	*	-	-	-	-	*	*	-	-
Sections, top	96	*	-	-	-	-	*	*	-	-
Sections, intermediate	1,317	*	-	-	-	-	*	*	*	*
Sections, n.e.s.	60	*	-	-	-	-	*	*	*	*
	<u>2,019</u>	<u>68,529</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2,007</u>	<u>65,704</u>	<u>12</u>	<u>2,825</u>
<u>Other boilers parts</u>										
Filters	250	*	-	-	*	*	-	-	-	-
Valves	555	23,394	-	-	*	*	*	*	-	-
Parts n.e.s.	-	166								
		<u>24,441</u>								
<u>Parts for heating steam generating units</u>										
Sections, right hand & intermediate	*	*								

\* - Confidential

TABLE I (Cont'd)

	Price Range (\$)	REGION OF ENTRY									
		TOTAL		Atlantic Provinces		Quebec		Ontario		West of Ontario	
		Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)
<u>Water tank heaters</u>											
Gas automatic incl. tank	Up to 75	6,348	382,756	-	-	-	-	2,994	182,849	3,354	199,907
	75.01 to 150	230	27,919	-	-	-	-	129	16,772	101	11,147
	Over 150	435	225,222	*	*	*	*	162	62,176	261	155,949
		<u>7,013</u>	<u>635,897</u>	<u>*</u>	<u>*</u>	<u>*</u>	<u>*</u>	<u>3,285</u>	<u>261,797</u>	<u>3,716</u>	<u>367,003</u>
Gas not automatic	(1)	128	9,117	*	*	*	*	*	*	*	*
Electric, automatic incl. tank	Up to 75	483	29,150	-	-	34	2,147	58	3,698	391	23,305
	75.01 to 150	*	*	-	-	-	-	-	-	*	*
	Over 150	*	*	-	-	-	-	-	-	*	*
		<u>531</u>	<u>44,869</u>	<u>-</u>	<u>-</u>	<u>34</u>	<u>2,147</u>	<u>58</u>	<u>3,698</u>	<u>439</u>	<u>39,024</u>
Circulating type	(2)	151	4,868	*	*	*	*	*	*	*	*
Electric, immersion type	Up to 75	745	44,379	-	-	77	4,983	42	1,459	626	37,937
	75.01 to 150	25	3,025	-	-	*	*	*	*	*	*
	Over 150	7	1,107	-	-	*	*	*	*	*	*
		<u>777</u>	<u>48,511</u>	<u>-</u>	<u>-</u>	<u>100</u>	<u>7,993</u>	<u>49</u>	<u>2,351</u>	<u>628</u>	<u>38,167</u>
Electric, not specified	Up to 75	75	3,379	-	-	-	-	*	*	-	-
	75.01 to 150	25	3,204	-	-	-	-	*	*	-	-
	Over 150	101	47,822	-	-	20	5,317	81	42,505	-	-
		<u>201</u>	<u>54,405</u>	<u>-</u>	<u>-</u>	<u>20</u>	<u>5,317</u>	<u>181</u>	<u>49,088</u>	<u>-</u>	<u>-</u>
Total Water Tank Heaters		8,801	797,667								
Water tank heater parts			3,289		*		*		*		*

\* - Confidential

(1) - Over 93% of the quantity is included in the up to \$75 range accounting for 88% of value.

(2) - 95% of the quantity is included in the up to \$75 range accounting for 58% of value.

TABLE I Cont'd

Unit Heaters	REGION OF ENTRY									
	TOTAL		Atlantic Provinces		Quebec		Ontario		West of Ontario	
	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)
Gas fired	1,097	331,029	*	*	*	*	700	37,144	874	257,188
Infra-red, gas	542	13,052	-	-	-	-	542	13,052	-	-
Infra-red, electric	190	22,596	*	*	*	*	*	*	-	-
Electric convection	65	18,625	-	-	-	-	*	*	*	*
Electric, forced air	9	2,404	*	*	-	-	*	*	-	-
Steam or hot water	69	11,690	-	-	*	*	-	-	*	*
	<u>1,972</u>	<u>399,396</u>	*	*	199	47,294	883	92,771	886	259,160
Heaters, cargo, oil fired	263	78,467	*	*	*	*	*	*	*	*
Heaters, cargo, gas fired	172	20,818	*	*	*	*	*	*	*	*
	<u>435</u>	<u>99,285</u>	<u>20</u>	<u>11,242</u>	<u>152</u>	<u>9,576</u>	<u>175</u>	<u>51,928</u>	<u>88</u>	<u>26,539</u>
Heaters, space, fuel oil (a)	*	*	-	-	-	-	*	*	*	*
Heaters, space, gas	36	11,809	-	-	-	-	*	*	*	*
Heaters, space, catalytic	256	29,761	-	-	*	*	208	16,979	*	*
Heaters, space, solid fuel	350	39,409	*	*	-	-	*	*	-	-
Heaters, space, electric, fixed installation n.e.s.	657	30,121	-	-	-	-	490	9,962	167	20,159
Heaters, space, not specified	972	63,669	*	*	*	*	*	*	303	36,752
	<u>2,271</u>	<u>174,769</u>	<u>112</u>	<u>19,622</u>	<u>150</u>	<u>14,791</u>	<u>1,478</u>	<u>67,562</u>	<u>532</u>	<u>72,849</u>
Parts for space heaters		1,562								
Heaters, baseboard electric (except portable)	570	40,595	-	-	*	*	-	-	*	*
Heaters, cabinet, convection type, electric	*	*	-	-	-	-	*	*	-	-
Heaters, wall/ceiling, fan driven, electric	*	*	-	-	-	-	-	-	*	*
Heaters duct type, electric	*	*	-	-	*	*	-	-	-	-
Heaters, air, electric, portable	2,533	207,031	*	*	*	*	2,329	198,952	*	*
	<u>3,146</u>	<u>253,555</u>	<u>*</u>	<u>*</u>	<u>62</u>	<u>4,676</u>	<u>*</u>	<u>*</u>	<u>744</u>	<u>48,750</u>

(a) - Figures not included in sub-total

TABLE 1 Cont'd

	REGION OF ENTRY									
	TOTAL		Atlantic Provinces		Quebec		Ontario		West of Ontario	
	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)	Quantity (No.)	Value (\$)
Water heaters for swimming pools	404	142,532	-	-	-	-	252	98,968	152	43,564
Parts for swimming pools heaters (such as valves & coils assy)		21,772		-		*		*		-
Heaters for Sauna	145	20,977	-	-	*	*	*	*	-	-
Hot water storage tanks	370	37,886	*	*	*	*	221	16,376	113	6,477
Stoves, portable gas	400	10,161	*	*	*	*	*	*	*	*
Stoves, solid fuel, box type	3,382	138,528	*	*	1,182	63,573	1,350	47,508	*	*
fireview type	11	4,423	*	*	*	*	*	*	-	-
franklin	2,945	269,276	*	*	1,050	100,635	*	*	55	19,468
not specified	3,440	534,172	752	174,663	1,179	96,013	878	130,484	631	133,012
	9,778	946,399	1,422	204,575	3,419	262,849	3,751	307,238	1,186	171,738
Parts for stoves		8,978	*	*	*	*	*	*	*	*
	<u>Price Range</u>									
	<u>(\$)</u>									
Fireplace units	Up to 75	183	3,953	-	-	*	*	*	*	*
	75.01 to 150	2,097	284,187	-	-	*	*	*	*	1,865 260,714
	Over 150	2,319	538,531	*	*	*	*	395 82,946	1,844	427,766
		4,599	826,671	*	*	*	*	627 106,419	*	*
GRAND TOTAL - TABLE I		4,057,832								

NOTES: \* - Confidential

- Dollar values shown are based on selling price F.O.B. plant, in Canadian dollars.

- A number of documents, representing approximately \$779,000 in imports, were not available for analysis, and therefore are not included in this report, due to the sampling technique used by Statistics Canada. The methodology used by Statistics Canada is described in the "Trade of Canada Imports", Catalogue 65-007.

TABLE II

The data in this table covers CITC classes not included in Table I. It was obtained from summary records provided by Statistics Canada, and is presented to supplement the detailed data of Table I.

<u>Item</u>	<u>Quantity</u> (No.)	<u>Value</u> (\$)
Furnaces, warm air heating, gas	4,462	925,291
oil	160	83,878
electric	<u>621</u>	<u>144,910</u>
	5,243	1,154,079
Burners, heating type, oil	385	41,022
gas	<u>1,995</u>	<u>216,952</u>
	2,380	257,974

SOURCE: Statistics Canada

SECTION IV

FOREIGN EXPORTERS TO CANADA

Major exporters to Canada of heating equipment and parts as listed in Section III (Table 1 only), with total shipments of \$25,000 and over listed below. They accounted for 82.2 per cent of values shown in Section III, Table 1. (In descending order of dollar values of exports to Canada.)

<u>NAME</u>	<u>ADDRESS</u>	
American Appliances Mfg. Corp.	Santa Monica, CA	USA
Vega Industries Inc.	Mount Pleasant, IA	USA
Superior Fireplace Co.	Fullerton, CA	USA
B.W.C. Corp.	Philadelphia, PA	USA
Modine Mfg. Co.	Buena Vista, VA	USA
Mao Shing Entr.	Taipei	Taiwan
Webasco - Werk	Stockdorf	West Germany
Justin Taiwan Ind.	Taipei	Taiwan
Dutchwest India Ltd.		Hong Kong
Purex Corp.	City of Industry, CA	USA
Reed National Corp.	Westfield, MA	USA
Earth Stove	Northwest Tualatin, OR	USA
Waterford Iron Foundry	Waterford	Ireland
Preway Inc.	Wisc. Rapids, WI	USA
Majestic Co.	Huntington, IN	USA
Marco Mfg. Ind.	Linwood, CA	USA
Clayton Mfg. Co.	El Monte, CA	USA
Suburban Mfg. Co.	Dayton, OH	USA
A.O. Smith	Kankakee, IL	USA
Fleming Sales Co.	Elkart, IN	USA
Standex Energy Systems	Boise, ID	USA
Hydrotherm Inc.	Northvale, NJ	USA
Century Engineering	Cedar Rapids, IA	USA
Electro - Warne	Nurnberg	West Germany
Atlanta Stove Works	Atlanta, GA	USA
Martin Ind. Inc.	Sheffield, AL	USA
Intertherm Inc.	St. Louis, MO	USA
Godin SA	Gruise	France
China Metal Products	Taipei	Taiwan
Aquappliances Inc.	San Mario, CA	USA
Sanyei Corp.	Taipei	Taiwan
Burnham Corp.	Lancaster, PA	USA
In-Sink Erator Div.	Racine, WI	USA
Aerotech Corp.	Cavalier, ND	USA
SA Fonderies du Lion		Belgium
Whittier Steel Mfg.	Santa Fe, CA	USA
U.S. Stoves	Chattanooga, TN	USA
New York Steel	Coimar, PA	USA
Hatco Corp.	Milwaukee, WI	USA
Electrolux Martin		Belgium

NOTE: The location indicated for each company does not necessarily mean that exports originated from only that one location. In some instances, plants located in other cities may be involved.

SECTION V

CANADIAN AND FOREIGN TARIFFS

CANADA

The products included in this analysis were dutiable under the following most commonly applied tariff items.

<u>Tariff Item</u>	<u>Description</u>	<u>British Prefer-entail Tariff</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Prefer-ential Tariff</u>
42805-1	Engines or boilers and complete parts thereof, n.o.p. ....	15%	15%	30%	10%
44300-1	Apparatus, and parts thereof, for cooking or for heating buildings, not to include commercial food processing machines, namely, continuous pressure and atmospheric preheaters and cookers, and parts thereof, for sterilizing or for both sterilizing and cooking food products in hermetically sealed containers .....	15%	20%	30%	13%
44524-1	Electric apparatus and complete parts thereof, n.o.p. ....	15%	17.5%	30%	11.5%
44603-1	Manufactures, articles or wares, of iron or steel or of which iron or steel or both are the component materials of chief value, n.o.p....	10%	17.5%	35%	10%

Tariff items and rates of duty are subject to change, and need to be verified by direct reference to:

Customs Programs Branch, Secretariat  
Department of National Revenue  
Customs and Excise  
OTTAWA, Ontario  
K1A 0L5

FOREIGN COUNTRIES

Inquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

International Bureaux  
Department of Industry, Trade and Commerce  
OTTAWA, Ontario  
K1A 0H5

Import Analysis  
Corporate Systems Branch  
Department of Industry, Trade and Commerce  
235 Queen Street  
OTTAWA, Ontario  
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