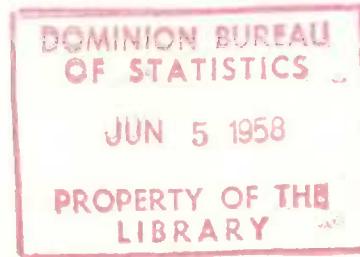


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THE HEATING AND COOKING APPARATUS INDUSTRY, 1956



Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-632-126

Price 25 cents

Vol. 2—Part XII—F-1

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1958

NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I — General Review of the Manufacturing Industries, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada,
Regional Distribution, 75¢
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part XII, Iron and Steel Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A — General Review, 25¢
- B — The Agricultural Implements Industry, 25¢
- C — The Boilers and Plate Work Industry, 25¢
- D — The Bridge Building and Structural Steel Industry, 25¢
- E — The Hardware, Tools and Cutlery Industry, 25¢
- F — The Heating and Cooking Apparatus Industry, 25¢
- G — The Machinery Industry, 25¢
- H — The Machine Shops Industry, 25¢
- I — The Iron Castings Industry, 25¢
- J — The Primary Iron and Steel Industry, 25¢
- K — The Sheet Metal Products Industry, 25¢
- L — The Wire and Wire Goods Industry, 25¢
- M — The Miscellaneous Iron and Steel Products Industry, 25¢

THE HEATING AND COOKING APPARATUS INDUSTRY, 1956

The Heating and Cooking Apparatus Industry is a division of the iron and steel group and the statistics for the industry, as presented in this report, cover only the factories which made stoves, furnaces, oil burners, etc., as their chief products. Establishments in this category made, as minor products, some iron castings, machinery and other items which do not normally belong to this industry and, on the other hand, some heating equipment was made as secondary products of concerns which were classified to other industries. Tables 1 to 4 and 15 to 19, and table 21 of this bulletin are for the Heating and Cooking Apparatus Industry only, while tables 5 to 14 give totals for Canada for certain

items regardless of the industries in which they were produced.

One hundred and seventeen establishments were included in the Heating and Cooking Apparatus Industry in 1956, there being 60 in Ontario, 22 in Quebec, 14 in British Columbia, 11 in Alberta, 4 in Manitoba, 3 in New Brunswick, 2 in Nova Scotia and 1 in Newfoundland. These firms made goods valued at \$123,626,040, employed a total of 9,438 workers, paid \$33,371,127 in salaries and wages and spent \$1,572,982 on fuel and electricity and \$65,663,194 for the materials used in manufacturing processes.

TABLE 1. Principal Statistics of the Heating and Cooking Apparatus Industry¹, Significant Years 1935-1956, and by Provinces, 1955 and 1956

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ²	Value of factory shipments
	No.	No.	\$	\$	\$	\$	\$
1935	60	3,870	3,876,528	297,437	3,354,963	6,408,580	10,060,980
1937	68	5,239	5,860,623	353,941	6,040,819	9,581,258	15,976,018
1939	72	5,029	5,753,888	349,729	5,659,694	9,342,240	15,351,663
1942	77	6,150	8,970,326	493,002	11,015,944	16,596,309	28,105,255
1946	95	7,825	13,027,604	611,497	13,098,796	22,269,456	35,979,749
1949	103	8,745	19,810,926	865,156	23,519,492	38,035,621	62,420,269
1952	115	8,599	24,831,396	1,207,127	37,280,645	48,351,702	86,839,474
1953	118	9,218	28,115,693	1,315,306	43,613,972	52,427,259	97,356,537
1954	120	8,905	28,444,481	1,390,413	48,143,503	52,907,300	102,113,389
1955							
Newfoundland	1	102	243,726	22,158	465,089	478,763	966,793
Nova Scotia	2						
New Brunswick	3	621	1,794,587	122,712	2,017,808	3,423,444	5,626,652
Quebec	20	1,825	5,640,752	221,840	10,088,079	10,104,917	20,635,209
Ontario	68	5,980	20,345,984	906,807	41,306,115	37,014,551	78,592,179
Manitoba	3	134	346,225	19,020	513,139	1,539,206	2,081,337
Alberta	12	166	468,500	23,579	718,718	951,425	1,715,851
British Columbia	14	320	958,956	38,622	1,653,119	1,916,048	3,369,111
Canada	123	9,148	29,798,730	1,354,738	56,762,067	55,428,354	112,987,132
1956							
Newfoundland	1	107	275,218	31,976	535,025	499,746	1,007,710
Nova Scotia	2						
New Brunswick	3	700	2,032,192	141,994	2,750,618	3,750,193	6,558,879
Quebec	22	1,946	6,500,966	250,118	11,290,096	11,637,401	22,944,862
Ontario	60	5,976	22,271,554	1,043,214	47,007,139	39,807,767	84,917,640
Manitoba	4	187	579,608	35,413	1,393,636	1,889,806	3,042,173
Alberta	11	155	486,142	20,210	560,996	817,769	1,326,454
British Columbia	14	367	1,225,447	50,057	2,125,684	1,715,625	3,828,322
Canada	117	9,438	33,371,127	1,572,982	65,663,194	60,118,307	123,626,040

1. First set up as an industry in 1935. Data for earlier years were included with the Iron Castings Industry.

2. Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of shipments. In 1954 and later years information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figures.

Note: Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Inventories¹, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
New Brunswick	774,348	155,215	431,305	1,360,868
Quebec	2,279,191	725,582	1,275,551	4,280,324
Ontario	7,310,346	3,533,060	6,869,237	17,712,643
Manitoba	257,414	114,070	121,058	492,542
Alberta	287,973	32,315	64,887	385,175
British Columbia	198,932	113,010	351,041	662,983
Other provinces	182,641	41,110	68,455	292,206
Canada	11,290,845	4,714,362	9,181,534	25,186,741
Closing:				
New Brunswick	1,091,709	179,038	491,408	1,762,155
Quebec	2,554,938	715,865	1,518,021	4,788,824
Ontario	7,350,654	4,656,954	8,685,823	20,693,431
Manitoba	371,966	110,752	401,058	883,776
Alberta	178,287	50,210	119,513	348,010
British Columbia	257,696	97,150	429,945	784,791
Other provinces	263,063	24,485	144,117	431,665
Canada	12,068,313	5,834,454	11,789,885	29,692,652

1. Book value of all manufacturing inventories owned and held at plant and plant warehouses.

Note: (a) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Heating and Cooking Apparatus Industry for the year under review are shown in the above table.

(b) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

TABLE 3. Production (Factory Shipments) by the Heating and Cooking Apparatus Industry, 1955 and 1956

Product	1955		1956	
	Factory shipments		Factory shipments	
	Number shipped	Selling value at works	Number shipped	Selling value at works
Cooking, heating and air-conditioning apparatus:		\$		\$
Air-conditioning equipment:				
Air conditioners including window type, self-contained type and central plant type			(Included with other air conditioning equipment)	
Other air-conditioning equipment, including parts, components and accessories	—	1,246,140	—	2,064,392
Furnaces, warm air:				
Gravity or forced air circulation designed for coal or wood burning	14,966	1,926,580	13,275	1,800,711
Gravity or forced air circulation designed exclusively for oil burning	72,230	15,361,561	79,093	15,120,116
Gravity or forced air circulation designed exclusively for gas burning	14,585	2,798,249	26,139	4,393,146
Furnace parts	—	1,133,263	—	1,182,664
Coal, wood and sawdust burning cooking stoves and ranges, including ranges with gas or electric extension	27,872	2,775,709	24,897	2,506,411
Coal, wood and sawdust burning heating stoves and space heaters, including all heaters, circulators, Quebec, box, Franklin, globular and laundry	19,371	658,219	17,737	600,292

**TABLE 3. Production (Factory Shipments) by the Heating and Cooking Apparatus Industry,
1955 and 1956 — Concluded**

Product	1955		1956	
	Factory shipments		Factory shipments	
	Number shipped	Selling value at works	Number shipped	Selling value at works
Solid fuel and gas combination or oil and gas combination (not including stoves or ranges with gas extension)	10,952	\$ 2,036,186	9,859	1,912,569
Solid fuel and electric combination or oil and electric combination (not including stoves or ranges with electric extension)	8,226	1,870,198	9,639	2,122,177
Gas cooking stoves and ranges (not combinations), including all styles with ovens	30,473	3,315,192	34,854	4,081,466
Gas heating stoves and space heaters	8,850	268,898	4,247	263,444
Gas cooking plates — no oven	2,120	22,649	3,856	41,522
Electric cooking stoves or ranges over 35 amperes, domestic type, all styles with ovens, including shelves, closets, etc., as one unit	108,510	17,103,503	113,575	17,636,254
Electric rangettes, including cord attachment and oven as one unit	6,950	301,691	6,034	285,198
Electric cooking plates or grills	7,360	86,771	6,968	49,301
Oil (kerosene) and gasoline cooking stoves and ranges	73,540	628,913	—	1
Oil (kerosene) and gasoline heating stoves and space heaters.....	2,484	58,605	—	1
Fuel oil (distillate) cooking stoves and ranges	10,659	1,557,462	12,477	1,790,140
Fuel oil (distillate heating stoves and space heaters).....	59,385	2,864,089	71,973	3,469,232
Stove parts	—	1,182,217	—	1,263,049
Water-tank heaters, domestic:				
Cast iron for coal, wood or oil	394	22,511	363	24,604
Gas	43,758	2,195,656	40,133	2,736,588
Electric	12,698	554,626	19,825	665,320
Unit heaters, all types	17,967	2,438,070	22,263	3,002,432
Registers and grills for hot air heating systems	—	1,804,974	—	1,877,822
Blowers for domestic furnaces	61,055	947,881	75,344	1,115,447
Stokers, mechanical:				
Domestic and residential	524	161,635	610	145,116
Commercial and industrial	322	279,939	356	310,643
Stoker parts	—	380,829	—	426,575
Heating boilers:				
Cast iron sectional heating boilers	1,118	128,000	1,259	227,274
Steel heating boilers	3,828	1,108,111	4,514	3,073,836
Oil burners — Range type	18,785	1,027,835	10,481	463,025
Power type — Residential	77,900	7,164,486	66,274	5,894,955
Commercial and industrial	969	476,558	863	461,207
Other heating equipment	—	11,373,747	—	15,050,868
All other products (commercial castings, machinery, ventilating systems, etc.)	—	25,001,963	—	26,855,950
Amount received for repair work and custom work	—	724,216	—	712,294
Total	—	\$ 112,987,132	—	\$ 123,626,040

1. Less than 3 firms reporting — included in all other heating equipment.

Note: Data given in the above table are for the Heating and Cooking Apparatus Industry, which includes only the firms making stoves, furnaces, etc., as chief products. These articles may have been made also as minor products of firms classified to other industries, so the figures in this table do not necessarily represent the total Canadian production of the items which are listed. For the total figures, see Tables 5 to 14, inclusive.

TABLE 4. Materials Used in the Heating and Cooking Apparatus Industry, 1955 and 1956

Material	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
			\$	\$
Iron:				
Pig iron, all grades	ton	8,578	512,164	7,540
Castings: iron	"	Not available	11,734	505,395
steel	"		997	3,265,781
				335,528
Steel, hot or cold-rolled:				
Bars	"	689	144,094	888
Plates	"	977	124,901	3,378
Sheets:				
Plain	"	58,945	8,426,475	72,495
Galvanized	"	5,220	985,082	5,101
Tin plate	"	437	85,951	416
Strip	"	1,478	240,598	1,924
Structural shapes (channels, angles, etc.)	"	615	101,307	1,071
Wire	"	228	38,107	325
Pipe and fittings, iron and steel	—	—	470,078	—
				520,078
Alloy steel:				
Stainless:				
Billets, bars and rods	—	—	12,638	—
Other	—	—	199,622	—
Other alloy steel	—	—	95,817	—
				123,251
				197,399
				42,529
Ferro-alloys	—	—	11,718	—
Scrap iron and steel	ton	9,364	329,205	9,570
Other iron and steel (except finished parts)	—	—	4,127,289	—
				1,052,955
Non-ferrous metals (including scrap):				
Aluminum:				
Castings	pound	279,703	219,222	266,377
Sheet	"	1,170,807	487,216	1,671,376
Other forms	"	715,352	277,950	530,373
Brass and bronze	"	1,921,542	1,077,092	1,897,761
Copper:				
Sheet	"	87,360	57,178	140,159
Wire	"	133,364	64,783	138,565
Other forms	"	1,107,615	675,356	1,360,743
Lead	"	6,459	1,747	25,789
Nickel	"	7,472	6,840	4,263
Zinc	"	663,315	80,258	775,548
Babbitt metals and solders	"	47,294	29,825	50,764
Other non-ferrous metals	—	—	255,019	—
				231,018
Other materials and supplies:				
Frit	ton	2,250	667,362	2,635
Feldspar	"	1,663	66,523	Not available
Paints and varnishes	—	—	475,373	—
Foundry coke (used in cupola, not for heat or power) ..	ton	4,195	124,188	4,055
Foundry sands	"	6,404	61,918	6,906
Firebrick and cupola blocks	—	—	133,255	—
Plumbago and graphite	pound	29,353	1,476	7,229
Lumber	M ft. b.m.	3,857	339,298	3,886
Fireclay	ton	484	17,434	893
Core oil	Imp. gal.	4,024	5,699	26,422
Muriatic acid	pound	66,379	3,126	65,552
Sulphuric acid, 100%	"	156,620	8,622	310,703
Shipping containers	—	—	1,497,671	—
All other materials and supplies	—	—	34,222,590	—
				38,240,016
Total	—	—	56,762,067	65,663,194

TABLE 5. Factory Shipments of Stoves Made in Canada, 1954-1956 (Data Assembled from all Industries)

		1954	1955	1956
Coal, wood and sawdust burning cooking stoves and ranges, including ranges with gas or electric extension	No.	30,369	28,490	26,960
	\$	3,052,208	2,817,362	2,519,517
Coal, wood and sawdust burning heating stoves and space heaters, including all heaters, circulators, Quebec, box, oak, Franklin, globular and laundry	No.	42,242	48,852	45,427
	\$	643,412	760,857	730,228
Solid fuel and gas combination or oil and gas combination (not including stoves or ranges with gas extension)	No.	9,514	10,952	9,859
	\$	1,711,801	2,036,186	1,912,569
Solid fuel and electric combination or oil and electric combination (not including stoves or ranges with electric extension)	No.	8,275	8,226	9,639
	\$	1,833,984	1,870,198	2,122,177
Gas cooking stoves and ranges (not combinations), including all styles with ovens)	No.	27,848	31,535	35,991
	\$	3,109,619	3,389,672	4,137,097
Gas heating stoves and space heaters	No.	5,792	8,850	4,284
	\$	183,197	268,898	264,198
Gas cooking plates — no oven	No.	2,490	2,683	4,228
	\$	43,895	28,742	46,479
Electric cooking stoves or ranges (over 35 amperes), all styles with ovens	No.	167,716	199,132	217,159
	\$	25,340,646	30,933,531	33,225,480
Electric rangettes, including cord attachment and oven as one unit	No.	42,078	41,679	36,756
	\$	1,501,587	1,435,307	1,358,324
Electric cooking plates and grills, including stoves for glass coffee-makers	No.	173,954	191,811	203,285
	\$	975,556	999,602	892,045
Oil (kerosene) and gasoline cooking stoves and ranges	No.	41,644	73,540	1
	\$	435,722	628,913	1
Oil (kerosene) and gasoline heating stoves and space heaters	No.	1,874	2,848	1
	\$	28,545	58,605	1
Fuel oil (distillate) cooking stoves and ranges	No.	8,273	10,659	12,477
	\$	1,188,577	1,557,462	1,790,140
Fuel oil (distillate) heating stoves and space heaters	No.	49,333	59,385	71,973
	\$	2,421,166	2,864,089	3,469,232
Total	\$	42,469,915	49,649,424	—

1. Not available — less than 3 firms reporting.

TABLE 6. Factory Shipments of Domestic Water-Tank Heaters, 1955 and 1956 (From all Industries)

	1955		1956	
	Number	Selling value at works	Number	Selling value at works
Cast iron, for coal, wood or oil (120 gallons or less)	643	\$ 29,117	370	\$ 25,104
Gas, automatic	36,504	2,233,964	40,691	3,010,778
Gas, not automatic	10,428	146,785	8,637	268,483
Electric, circulating type	33,425	255,282	31,443	247,308
Electric, immersion type	203,328	556,577	224,522	778,161
Clamp-on type	23,405	98,588	15,498	68,921
Electric, automatic storage tank type, including tank and controls	48,921	3,341,753	58,243	3,741,428
Total	356,654	6,662,066	379,404	8,140,183

IRON AND STEEL PRODUCTS

TABLE 7. Total Production¹ of Power-Type Oil Burners², 1947-1956 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1947	47,329	5,929,612	1952	85,215	9,337,512
1948	13,152	1,607,778	1953	100,288	10,609,632
1949	54,269	5,920,863	1954	114,380	11,244,958
1950	86,097	9,860,584	1955	125,639	11,282,838
1951	74,277	9,160,568	1956	122,675	10,626,148

1. Factory shipments since 1952.

2. Not including industrial oil burners.

TABLE 8. Total Production¹ of Furnace Blowers, 1947-1956 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1947	6,976	310,197	1952	28,594	761,365
1948	9,661	381,097	1953	32,878	814,416
1949	14,237	532,702	1954	60,127	1,192,187
1950	29,670	861,896	1955	104,705	1,760,782
1951	28,812	873,364	1956	120,846	1,907,104

1. Factory shipments since 1952.

TABLE 9. Total Production¹ of Mechanical Stokers, 1947-1956 (From all industries)

Year	Domestic or residential		Commercial or industrial		Total		Selling value of stoker parts
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works	
		\$		\$		\$	\$
1947		Not available according to this breakdown			3,985	1,416,109	666,614
1948	5,458	1,298,184	1,532	1,394,924	6,988	2,692,508	1,238,556
1949	2,112	593,335	1,122	1,322,822	3,234	1,916,157	1,047,296
1950	1,569	425,490	949	1,121,417	2,518	1,546,907	845,750
1951	1,036	295,413	864	1,071,586	1,900	1,366,999	339,417
1952	903	259,787	747	1,162,690	1,650	1,422,477	357,514
1953	706	147,090	640	1,197,580	1,346	1,344,670	785,848
1954	809	200,528	536	885,030	1,345	1,085,558	364,443
1955	791	209,724	445	717,092	1,236	926,816	916,049
1956	660	156,553	670	1,217,762	1,330	1,374,315	708,651

1. Factory shipments since 1952.

TABLE 10. Total Production¹ of Unit Heaters, 1947-1956 (From all Industries)

Year	Quantity given		Quantity not given	
	Number	Selling value at works	Selling value at works	Total
1947	30,148	\$ 2,399,330	\$ 564,337	\$ 2,963,667
1948	22,882	2,271,737	102,750	2,374,487
1949	16,553	2,037,432	50,232	2,087,664
1950	33,908	3,130,102	—	3,130,102
1951	27,028	3,858,253	—	3,858,253
1952	27,055	4,266,268	—	4,266,268
1953	26,428	4,464,582	—	4,464,582
1954	22,590	4,244,901	—	4,244,901
1955	23,624	4,427,004	—	4,427,004
1956	31,387	5,451,826	—	5,451,826

1. Factory shipments since 1952.

TABLE 11. Total Production¹ of Air Registers and Grills, 1947-1956 (From all Industries)

Year	Selling value at works	Year		Selling value at works
		\$	\$	
1947	586,457	1952	—	\$ 1,059,827
1948	833,629	1953	—	1,514,078
1949	1,430,559	1954	—	1,818,198
1950	1,106,775	1955	—	1,842,814
1951	1,873,151	1956	—	2,461,151

1. Factory shipments since 1952.

TABLE 12. Total Production¹ of Heating Radiators, 1947-1955 (From all Industries)

Year	Steel and cast iron type (standing and concealed)		Convector (steel and non-ferrous types)		Total	
	Sq. ft.	Value	Sq. ft.	Value	Sq. ft.	Value
1947	8,726,693	\$ 3,571,129	3,448,921	\$ 1,094,077	12,175,614	\$ 4,665,206
1948	8,644,853	4,115,098	4,868,121	2,244,819	13,512,974	6,359,917
1949	7,163,072	3,617,605	5,444,115	2,543,305	12,607,187	6,160,910
1950	7,250,054	3,761,761	6,922,053	3,180,440	14,172,107	6,942,201
1951	7,489,125	4,474,647	9,503,702	5,117,269	16,992,827	9,591,916
1952	5,263,434	3,622,315	7,990,079	4,393,017	13,253,513	8,015,332
1953	6,346,714	4,195,740	8,659,792	4,883,288	15,006,506	9,079,028
1954	5,811,940	3,888,017	8,932,191	5,321,258	14,744,131	9,209,275
1955	6,194,680	3,999,980	10,091,279	6,303,627	16,285,959	10,303,607

1. Factory shipments since 1952.

IRON AND STEEL PRODUCTS

TABLE 12 (a). Total Production of Heating Radiators, 1956 (From all industries)

Kind	Sq. ft. E.D.R. ¹	Value of factory shipments
	\$	
Standing type, cast iron and pressed steel(excluding tube and fin types)....	3,524,888	2,315,899
Baseboard type, cast iron, pressed steel and other fabricated metal	4,315,424	3,124,326
Concealed type, cast iron, pressed steel and other fabricated metal	8,654,006	5,600,330
Total	16,494,318	11,040,555

1. Equivalent of Direct Radiation.

TABLE 13. Total Production¹ of Warm Air Furnaces, 1947-1956 (From all Industries)

Year	Designed for coal or wood burning		Designed exclusively for oil burning		Designed exclusively for gas burning		Total all types	
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works
		\$		\$		\$		\$
1947							54,310	5,826,549
1948							64,272	7,280,716
1949							80,669	10,467,282
1950							100,760	13,830,234
1951	60,941	9,520,152	22,299	4,037,194	5,164	737,784	88,804	14,295,130
1952	45,464	6,385,175	32,512	6,264,363	5,689	1,032,786	83,665	13,682,324
1953	32,693	4,755,987	50,654	10,390,575	10,322	1,802,367	93,669	16,948,929
1954	20,817	2,923,673	62,473	12,943,217	10,096	1,761,498	93,386	17,628,388
1955	17,698	2,319,752	90,482	18,725,915	16,156	3,099,046	124,336	24,144,713
1956	15,018	2,072,292	97,644	18,564,003	29,662	5,214,505	142,324	25,850,800

1. Factory shipments since 1952.

TABLE 14. Factory Shipments of Heating and Power Boilers, 1955 and 1956 (From all Industries)

Type	1955		1956	
	Number of boilers	Total selling value at plant	Number of boilers	Total selling value at plant
		\$		\$
Heating boilers:				
Cast iron sectional heating boilers:				
(a) Under 775 sq. ft.	8,610	1,182,535	8,265	1,107,730
(b) 776-1,499 sq. ft.	2,547	759,342	2,482	952,264
(c) 1,500 sq. ft. and over	1,503	1,174,707	1,571	1,196,511
Steel heating boilers:				
(a) Under 112 sq. ft.	—	—	7,085	1,569,342
(b) 112-522 sq. ft.	—	—	1,360	2,935,659
(c) 573-1,245 sq. ft.	—	—	363	1,541,254
(d) 1,362 sq. ft. and over	—	—	40	414,894
(e) 522 sq. ft. and under (heating surface)	7,640	3,066,573	1	1
(f) Over 522 sq. ft. (heating surface)	422	921,666	1	1
Power boilers:				
Water-tube, horizontal type	6	79,500	1	1
Water-tube, vertical type	19	35,797	1	1
Water-tube, bent tube type	—	8,044,687	1	1
Horizontal return tubular	184	706,633	1	1
Marine type	66	220,281	42	663,842
Steel firebox, locomotive type	8	29,139	1	1
Firetube, vertical type	14	24,984	1	1
Water-tube, package boiler units	1	1	—	2,423,953
Firetube, package boiler units	1	1	—	1,086,012
Firetube boilers	1	1	—	302,222
Boilers, type not specified	—	1,832,147	—	13,360,255
Total		18,077,991		27,553,938

1. Not available in this breakdown.

TABLE 15. Principal Statistics Classified According to Type of Ownership, 1955 and 1956

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Individual ownership	11	75	180,076	91,049	392,126
Partnerships	9	126	365,306	825,582	1,877,923
Incorporated companies	103	8,947	29,253,348	55,845,436	110,717,083
Total	123	9,148	29,798,730	56,762,067	112,987,132
1956					
Individual ownership	10	65	144,514	79,744	277,247
Partnerships	7	110	412,826	900,529	1,732,653
Incorporated companies	100	9,263	32,813,787	64,682,921	121,566,140
Total	117	9,438	33,371,127	65,663,194	123,626,040

TABLE 16. Principal Statistics of the Heating and Cooking Apparatus Industry in Canada, Grouped According to Size of Establishment, 1955 and 1956

Establishments reporting a value of factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Under \$10,000	5	8	11,220	7,970	26,728
\$10,000 to \$24,999	14	65	142,778	85,128	257,020
\$25,000 to \$49,999	12	61	147,822	173,070	431,574
\$50,000 to \$99,999	9	101	287,494	316,268	727,200
\$100,000 to \$199,999	13	182	536,170	907,140	1,854,534
\$200,000 to \$499,999	27	798	2,380,848	3,773,359	8,722,762
\$500,000 to \$999,999	12	713	2,046,190	4,780,148	8,999,241
\$1,000,000 to \$4,999,999	27	4,572	14,994,435	29,569,024	57,509,669
\$5,000,000 and over	4	2,614	9,105,413	17,149,960	34,458,404
Head office	—	34	146,360	—	—
Total	123	9,148	29,798,730	56,762,067	112,987,132
1956					
Under \$10,000	5	8	10,160	9,420	25,517
\$10,000 to \$24,999	12	63	133,173	68,970	210,515
\$25,000 to \$49,999	7	53	115,980	57,180	217,088
\$50,000 to \$99,999	9	78	255,243	278,299	608,967
\$100,000 to \$199,999	17	221	702,730	1,149,892	2,420,550
\$200,000 to \$499,999	21	571	1,774,726	3,153,111	6,928,735
\$500,000 to \$999,999	15	790	2,572,140	6,267,587	10,750,820
\$1,000,000 to \$4,999,999	27	4,789	16,840,319	32,301,697	61,883,524
\$5,000,000 and over	4	2,813	10,812,582	22,377,038	40,580,324
Head office	—	52	154,074	—	—
Total	117	9,438	33,371,127	65,663,194	123,626,040

IRON AND STEEL PRODUCTS

TABLE 17. Employees and Earnings in the Heating and Cooking Apparatus Industry, by Provinces, 1955 and 1956

Province	Number of employees				Earnings			
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	
	Male	Female	Male	Female		\$	\$	
1955								
New Brunswick.....	85	55	478	3	621	531,247	1,263,340	1,794,587
Quebec.....	280	115	1,420	10	1,825	1,585,699	4,055,053	5,640,752
Ontario.....	1,093	497	4,218	172	5,980	5,872,670	14,473,314	20,345,984
Alberta.....	21	9	132	4	166	127,013	341,487	468,500
British Columbia	51	12	242	15	320	294,703	664,253	958,956
Other provinces	23	5	207	1	236	97,498	492,453	589,951
Canada.....	1,553	693	6,697	205	9,148	8,508,830	21,289,900	29,798,730
1956								
New Brunswick.....	102	41	529	28	700	632,376	1,399,816	2,032,192
Quebec.....	342	126	1,472	6	1,946	1,926,068	4,574,898	6,500,966
Ontario.....	1,178	529	4,063	206	5,976	7,539,632	14,731,922	22,271,554
Manitoba	23	5	159	—	187	135,995	443,613	579,608
Alberta.....	29	8	118	—	155	120,423	365,719	486,142
British Columbia	59	11	270	18	367	324,177	901,270	1,225,447
Other provinces	6	2	99	—	107	22,242	252,976	275,218
Canada.....	1,739	722	6,719	258	9,438	10,700,913	22,670,214	33,371,127

TABLE 18. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
Number						
January	6,073	224	6,297	6,308	239	6,547
February	6,293	223	6,516	6,492	264	6,756
March	6,468	232	6,700	6,545	263	6,808
April.....	6,505	235	6,740	6,519	255	6,774
May	6,545	211	6,756	6,694	253	6,947
June	6,784	205	6,989	6,753	257	7,010
July	6,760	200	6,960	6,722	282	7,004
August	6,652	151	6,803	7,063	301	7,364
September	7,345	207	7,552	7,307	273	7,580
October	7,326	196	7,522	7,022	276	7,298
November	7,066	191	7,257	7,080	248	7,328
December	6,551	169	6,720	6,168	214	6,382
Average	6,697	205	6,902	6,719	258	6,977

TABLE 19. Capital and Repair Expenditures in the Heating and Cooking Apparatus Industry, 1952-1956

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
\$'000							
1952.....	829	1,453	2,282	338	848	1,186	3,468
1953.....	2,110	2,546	4,656	583	1,108	1,891	6,347
1954.....	1,113	2,138	3,251	478	1,132	1,610	4,861
1955.....	1,821	1,948	3,769	499	1,070	1,569	5,338
1956 ¹	1,932	1,848	3,780	458	1,107	1,565	5,345

1. Preliminary.

TABLE 20. Imports and Exports of Specified Heating and Cooking Apparatus, 1955 and 1956

Item	1955		1956		
	Quantity	Value	Quantity	Value	
Imports					
Cooking stoves, coal and wood	No.	1,781	67,343	1,454	68,206
Cooking stoves, electric, valued at more than \$25 each	"	22,350	2,638,054	16,064	1,928,951
Cooking stoves, gas (including combinations), valued at more than \$10 each	No.	28,617	2,298,513	28,894	2,452,655
Cooking stoves, gasoline and oil, valued at more than \$10 each	No.	2,766	111,879	2,261	70,449
Boilers, domestic (hot water furnaces)	"	—	809,685	—	1,009,272
Industrial furnaces and parts	"	—	2,408,242	—	3,233,170
Furnaces, domestic, warm air	No.	36,591	5,045,569	37,597	5,020,299
Oil burners, n.o.p.	"	8,627	875,277	5,349	541,963
Radiators, cast iron	sq. ft.	27,573	11,220	29,720	8,823
Space heating and cooking apparatus, electric, n.o.p.	"	—	3,424,845	—	3,199,142
Heating and cooking apparatus, n.o.p.	"	—	2,718,748	—	4,555,915
Heating and cooking apparatus, parts of	"	—	11,286,172	—	14,614,153
Ovens, of a class or kind not made in Canada, for use in commercial bakeries, and complete parts	"	—	696,544	—	432,731
Oven thermostats, automatic oven lighters and dual valves for gas stoves; and gas pressure regulators	"	—	94,219	—	87,992
Space heaters, oil, valued at \$20 or over	No.	26,391	1,170,513	28,919	1,363,099
Range oil burners	"	4,273	138,870	9,386	166,212
Water heaters:					
Gas	"	18,478	946,123	25,426	1,339,135
Electric	"	23,412	967,978	19,408	864,263
Other	"	4,150	237,777	3,403	202,686
Water heater parts, including automatic pilots, thermostatic and other controlling devices	"	—	376,417	—	558,045
Exports					
Cooking stoves, electric	No.	675	120,395	949	164,254
Cooking stoves, gas	"	404	52,230	284	36,100
Cooking stoves, gasoline and oil	"	33,761	213,370	33,221	209,138
Cooking stoves, coal and wood	"	60	6,450	63	6,940
Electric heating and cooking devices, domestic, n.o.p.	"	—	97,286	—	75,405
Stoves and heating apparatus (other than electric), n.o.p.	"	—	588,261	—	761,995
Parts of stoves and heating apparatus	"	—	273,384	—	292,181

TABLE 21. Fuel and Electricity Used¹ in the Heating and Cooking Apparatus Industry, 1956

Kind		Quantity	Cost at works
		\$	
Bituminous coal (a) From Canadian mines	ton	5,615	76,942
(b) Imported	"	5,477	67,696
Anthracite coal	"	2,765	45,852
Coke	"	588	15,659
Gasoline (Including gasoline used in cars and trucks)	Imp. gal.	270,002	111,931
Kerosene	"	2,329	539
Fuel oil	"	2,994,670	502,737
Wood	cord	108	973
Gas:			
(a) Liquefied petroleum gases	Imp. gal.	70,201	16,109
(b) Other manufactured gas	1,000 cu. ft.	5,323	8,843
(c) Natural gas	"	90,350	120,989
Other fuel	—	—	4,363
Electricity purchased	kwh	52,409,378	600,349
Total	—	—	1,572,982

1. Last collected in this detail in 1953.

List of Firms in the Heating and Cooking Apparatus Industry, 1956

Name of firm	Location of plant
Newfoundland:	
Trask Foundry	St. John's
Nova Scotia:	
Angel Manufacturing & Supply Company Ltd.	King St., North Sydney
Enamel & Heating Products Ltd.	Station St., Amherst
New Brunswick:	
Enamel and Heating Products, Limited	Main St., Sackville
Enterprise Foundry Co., Limited	Lorne St., Sackville
Record Stove and Furnace Company Limited	Lutz St., Moncton
Quebec:	
Atlas-Webster Industries Ltd.	10900 Montée St-Laurent, St-Laurent
Bélanger, A., Limitée	85, rue St-Jean-Baptiste, Montmagny
Brock Engineering Mfg. Co. Ltd.	4305 Iberville St., Montreal
Croname (Canada) Ltd.	50 Taylor St., Waterloo
Decarie Boiler & Incinerator Ltd.	7592 St. Hubert St., Montreal
G.P. Gas Appliance Co.	8651 Casgrain St., Montreal
Gurney Products Limited	380, Boul. Ste-Croix, St-Laurent de Montreal
Hunt & Moscrop (Canada) Ltd.	480 St. Cecile St., Granby
Kresno Stamm Mfg. Co. (Canada) Ltd.	8255 Durocher St., Montreal
La Fonderie de l'Islet Limitée	L'Islet Station
Lemelin Products Inc.	Montmagny
Les Industries Ovide Bouchard & Fils Enrg.	373 des Sables, Québec
Mark Hot Inc.	7735, boulevard St-Michel, Montreal
Modern Kitchen Equipment Co.	85 rue Lahaie, Pont viau
National Heating Products Sales Ltd.	706-708 Fournier St., St. Jerome
Quebec Metal Pressing Inc.	340 - 5ieme rue, Quebec
Serv-All Company Inc.	390 Laurendeau Ave., Montreal
Stoker Ltée	7065 Papineau, Montreal
Vapor Car Heating Co. of Canada Ltd.	65 Dalhousie St., Montreal
Velan Engineering Ltd.	2125 Ward Ave., Ville St. Laurent
Volcano Limitée	2020 Ste-Anne Ave., St-Hyacinthe
Watts, A.E. Ltd.	1260 Laurentian Blvd., St. Laurent
Ontario:	
Aero Tool Works Limited	37 Hanna Ave., Toronto
American Standard Products (Canada) Ltd.	1201 Dupont St., Toronto
Auto-Flo Corporation Of Canada	385 Salter Ave., Windsor
Barlin Scott Mfg., Co. Ltd.	32 Lincoln St., Hamilton
Beach Foundry, Limited	Hinton Ave., Ottawa
Beatty Bros. Limited	Fox St., Penetanguishene
Brantford Washing Machine Ltd.	35 Fieldway Rd., Toronto
Bryant Mfg. Co. Ltd.	450 Dufferin St., Toronto
Canada Stoker Co. Ltd.	289 Sumach St., Toronto
Canadian Ema Co.	Bay St., Thornbury
Canadian General Filters Limited	2679 Danforth Ave., Toronto
Clare Bros. Ltd.	223 King St., Preston
Coleman Lamp & Stove Co. Ltd.	9 Davies Ave., Toronto
Commercial Kitchen Equipment Mfg. Co.	781 Queen St. E., Toronto
Conroy Manufacturing Co. Ltd.	55 Catharine St., St. Catharines
Cox Air Conditioning Co.	65 Western Ave., Orillia
Delhi Industries	197 James St., Delhi
Douglas Metal Industries Ltd.	170 Willowdale St., Willowdale
Dunham, Bush (Canada) Limited	140 Wendell Ave., Toronto
Eclipse Fuel Eng., of Canada Ltd.	Don Mills
Field Manufacturing Co. of Canada, Ltd.	286 Main St., Toronto
Findlays, Limited	High St., Carleton Place
Foreman & Pratt Limited	1109 Bay St., Toronto
Garland Commercial Ranges Ltd.	41 Medulla Ave., Toronto
General Steel Wares, Ltd.	Nelson and Adelaide Sts., London
Grimsby Stove and Furnace Limited	27 John St., Grimsby
Guelph Stove Co. Ltd.	190 Yonge St., Toronto
Hall Foundry Co., Limited	Sheffield St., Hespeler
Harriston Stove Co., Limited	Harriston
Hart and Cooley Mfg. Co. of Canada, Limited	Wood St., Fort Erie N.

List of Firms in the Heating and Cooking Apparatus Industry, 1956 – Concluded

Name of firm	Location of plant
Ontario—concluded:	
Howard Furnace & Foundries, Limited	1151 Victoria Park Ave., Toronto
Ideal Stoker Company	500 Wellington St., W., Toronto
Interlake Steel Products Ltd.	Wellington St., Thorold
Iron Fireman Mfg. Co. of Canada, Ltd.	80 Ward St., Toronto
Kemp Manufacturing Co. Ltd.	19 Petrolia St., Guelph
Lee Engineering & Supply Co.	201 Eileen Ave., Toronto
Lennox Furnace Co. (Canada) Ltd.	400 Brown's Line, Toronto
Livingston Stoker Company Limited	33 Sanford Ave. S., Hamilton
Lloyd Register & Grille Co. Ltd.	30 Six Points Rd., Toronto
London Foundry	683 Bathurst St., London
Moffats, Limited	23 Denison Road E., Weston
Morch Manufacturing	Water St., Belleville
Niagara Heating Manufacturers Ltd.	Dunkirk & Petrie Sts., St. Catharines
Norfolk Equipment Mfg. Ltd.	Delhi
Parsons Manufacturing Co.	333 Willowdale Ave., Willowdale
Pease Foundry Company Limited	Brampton
Peerless Furnaces & Mfg. Ltd.	225 Pearl St., Port Arthur
Peppers' Automatic Stokers Limited	240 Adelaide St. W., Toronto
Roberts Gordon Appliance Corp. Ltd.	Grimsby
Ruud Mfg. Co.	Portland & Windsor Sts., Mimico
Sarco Canada Ltd.	Claremont
Stewart, James, Mfg. Company, Limited	Tecumseh St., Woodstock
Tobac Curing System Limited	First Ave., Simcoe
Toronto Blower Co.	156 Duke St., Toronto
Trane Company of Canada, Limited	401 Horner Ave., Toronto
Wait-Skuttle Company	51 Davies Rd., Oakville
Wayne Forge & Machine Company Ltd.	5 Brooklyn Ave., Toronto
Western Foundry Company Limited	Wingham
Windsor Furnace Company Ltd.	3177 Sandwich St. W., Windsor
York Machine Co. Ltd.	2022 Eglinton Ave., W., Toronto
Manitoba:	
Bulloch's Limited	Berry St. and Sargent Ave., Winnipeg
Greensteel Industries Limited	975 Logan Ave., Winnipeg
Porteous Manufacturing Co.	8th St. N. & Assiniboine Ave., Brandon
Silver Line Manufacturing Co. Ltd.	1510 Wall St., Winnipeg
Alberta:	
Cone Water Heaters Limited	916 – 20th St. E., Calgary
Dominion Heater & Gas Appliances Co.	1312 – 1st St. W., Calgary
Darlsun Furnace Works	9523 Jasper Ave., Edmonton
Flame Master Appliance Co. Ltd.	6130 – 97 St. South Edmonton
Furnace-Aire Limited	8516 – 106A Ave., Edmonton
Kirk's Heating Ltd.	Three Hills
Lehman, Charles L., Ltd.	9331 – 11th Ave., Edmonton
Marvel Stoker Products	9812 – 101st Ave., Edmonton
Progress Manufacturing Co. Ltd.	12302 Stony Plain Rd., Edmonton
Shannon Bros.	1 Dunmore Road, Medicine Hat
Upright Bros., Ltd.	1231 – 126 Ave., Edmonton
British Columbia:	
Accurate Metal Manufacturing Co. Ltd.	666 Powell St., Vancouver
Airco Products Ltd.	225 W. 5th St., Vancouver
Archer Industries Ltd.	163 West 4th Ave., Vancouver
Coast Foundry Co. Ltd.	1000 Boundary Road, Vancouver
Cyclos Mfg. Co. Ltd.	Tuxedo & McBriar Sts., Victoria
Dickinson's Ltd.	1276 Howe St., Vancouver
Aldora Mfg. Ltd.	856 Beatty St., Vancouver
Hale Co. Metal Products Ltd.	1606 West 1st Ave., Vancouver
Heatpump Ltd.	462 East 5th Ave., Vancouver
Kumfort Furnace Co. Ltd.	5669 Tyne St., Vancouver
McDonell Metal Manufacturing Company Limited	1250 Boundary Rd., Vancouver
Spitfire Burner Co. Ltd.	234 Leon St., Kelowna
Supreme Agencies Ltd.	536 Richard St., Vancouver
Taggart Manufacturing Co. Ltd.	456 East 5th Ave., Vancouver

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