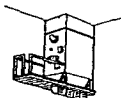


J-C

JACKSON & CHURCH

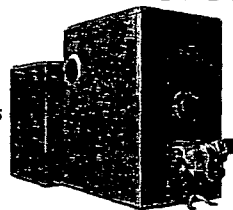
Division of York-Shipley, Inc., York, Pa.

J-C

J-C DIRECT-FIRED
FURNACES

These new units incorporate a true counter-flow design. Heating surfaces are arranged for highly efficient heat transfer, allowing minimum pressure drop through the heater. Flexible application as they can be installed upright, laid on their side, or inverted. Fully automatic controls, installed and wired for complete programming sequences. For No. 2 oil, natural, mixed, manufactured, L. P. gases or combination.

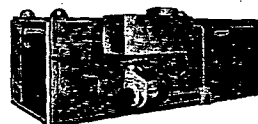
	Output 1000 Btu	CFM	W. In.	L. In.	H. In.	Height with Nozzles
JC-40	400	4350	35	62	89	101 1/4
JC-60	600	6450	36	62	89	101 1/4
JC-75	750	8170	48	78	110	126 1/4
JC-100	1000	10900	48	78	110	126 1/4
JC-125	1250	13600	56	97	130	151 1/4
JC-150	1500	16350	56	97	130	151 1/4
JC-175	1750	19050	60	105	131	153 1/4
JC-200	2000	21800	60	105	131	153 1/4

J-C POWERED
TUBULAR SERIES

Firing with light oil and/or natural gas in all capacities. Architects and engineers will find in this line the latest engineering advances in furnaces designed for heavy duty requirements.

Model No.*	Output 1000 Btu	CFM Bonnet	Casing		
			H. In.	W. In.	L. In.
25E1	300	2600	63	33	69
33E1	300	2200	62	33	69
40E1	320	4000	66	34	84 1/4
60E1	400	4770	67 1/2	38	87
80E1	500	5000	77	44	78
100E1	600	7650	77	64	78
1200	800	9550	77	64	78
1500	1200	14300	102 1/4	57	83 1/4
2000	1600	19100	102 1/4	60	85 1/4
2500	2000	23900	110	71	128
3000	2500	28600	110	96	134
4000	3000	34000	110	109	138

* Oil-fired, profile OL; gas-fired-profile GA; dual fuel-profile OG.
† Blower integral part of furnace cabinets.
‡ Blower cabinet separate. Dimensions as follows: Model 50—43"H, 65"W, 43"L; Model 60—43"H, 65"W, 43"L; Model 80—50"H, 65"W, 51 1/4"L; Model 100—54 1/4"H, 65"W, 51 1/4"L.

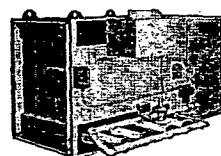


J-C OIL-FIRED SUSPENDED FURNACES

Economical and trouble-free operation of Jackson & Church Suspended Oil-Fired Furnaces is assured. Compactly designed with features that architects, engineers, and builders prefer. Units have stainless steel combustion chamber with over-size air passages for increased heating surfaces. Cabinets are heavy-gage, rust-resistant steel.

Model No.	Output 1000 Btu	CFM Bonnet	H. In.	W. In.	L. In.
OL-180-S15	175 to 183	1550	24	26 1/2	68
OL-244-S19	175 to 220	2580	27	32	77
OL-320-S22	220 to 224	2550	29	38	80
OL-320-S28	220 to 280	2540	29	38	80
OL-360-S29	325 to 392	4960	35 1/4	38	80
OL-400-S45	400 to 450	5600	35 1/4	38	80
OL-1250-S20	800	10000	52 1/4	55	116 1/4
OL-1250-S100	1000	12500	52 1/4	55	116 1/4
OL-220-CF17†	175	2220	73 1/4	27	30

* Counterflow Model.



J-C GAS-FIRED FURNACES

Each size comes in three different styles—as a horizontal furnace (GS) for suspended or floor mounting, as a blower-type unit heater (GU) for suspended or floor mounting, and as a duct furnace (GDF) for quick adaptation to year-round air conditioning. All A.G.A. approved.

	Output 1000 Btu	Bonnet Capacity 1000 Btu	CFM Bonnet	H. In.	W. In.	L. In.
GS-20	100	100	2020	34 1/4	26 1/4	63 1/4
GU-20	100	100	2125	34 1/4	26 1/4	63 1/4
GDF-20	100	100	2125	34 1/4	26 1/4	63 1/4
GS-34	150	150	2430	34 1/4	26 1/4	63 1/4
GU-34	150	150	2560	34 1/4	26 1/4	63 1/4
GDF-34	150	150	2560	34 1/4	26 1/4	63 1/4
GS-50	224	224	2530	34 1/4	26 1/4	63 1/4
GU-50	224	224	2590	34 1/4	26 1/4	63 1/4
GDF-50	224	224	2590	34 1/4	26 1/4	63 1/4
GA-220-CF17†	175	175	2220	73 1/4	27	30

† Counterflow Model.

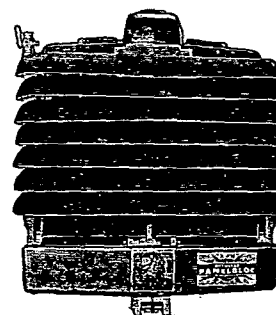


PANELBLOC DIVISION

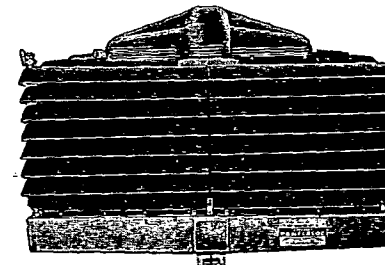
THE BETTCHER MANUFACTURING CORP.

3106 West 61 St. Cleveland, Ohio

PANELBLOC



CR-63 (62,500 Btu Input)



CR-125 (125,000 Btu Input)

PANELBLOC INFRA-RED RADIANT HEATERS
BRING THE SUN INDOORS

For Commercial and Industrial Installations

Through the eons man has benefited from radiant heat. First the sun and now the gas fired Overhead PANELBLOC takes over. With the speed of light healthful infra-red heat waves pleasantly warm objects and people without air disturbance.

A few of PANELBLOC'S advantages are:

- No fan—ideal for dusty areas.
- No motor—quiet as a sun's ray.
- No power consumption—unit generates own operating current.
- No costly electrical power installation charges.
- No possibility of shutdown due to power failure.
- No heat diverted by drafts from open doors or in open pavilions.
- No fuel wasted heating unnecessary spaces in building.

MODERN INFRA-RED METHOD

(U. S. and Foreign Patents Granted)

Developed to fill the gaps in Industrial and Commercial heating, PANELBLOC turns difficult heating

problems into routine installations. PANELBLOC spot-heats with no need for costly partitions or false ceilings. Infra-red heat like light goes only where directed by the polished metal louvers. As a result people, equipment and particularly floors are pleasantly warm.

CONSTRUCTION AND OPERATION

The combustion gases, produced from any commercial gas fuel pass through a unique panel heat exchanger of special steel. To overcome corrosion and high temperatures this heat exchanger is coated inside and out with vitreous enamel. The panel is heated to a carefully controlled temperature so that the infra-red waves (10 times longer than those from a glowing fire) produced have a wave length which gives maximum penetration. Maximum penetration means comfort heating.

Underwriters Laboratories Inc.
INSPECTED