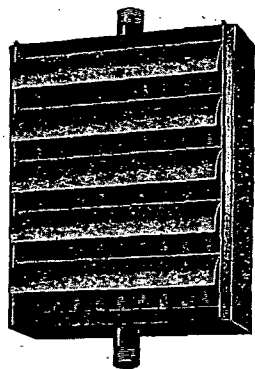


HOFFMAN MOTO HEATERS



Front View No. 2, 4 and 6

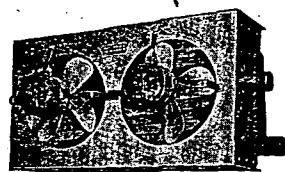
Hoffman-Moto-Heaters correct the "upside down" heating results often found in garages, industrial plants, and other high ceiling buildings where gravity air circulation is used. Moto-Heaters distribute the heated air directly in the "working zone" reducing to a minimum the waste heat in the upper areas.

The heating element consists of smooth copper fins, 1½ in. outside diameter embedded in copper tubing without the use of solder, forming a three-side metal to metal contact. The tubes are united to steel headers by actual fusion of metal eliminating expanded joints and all danger of leakage. Every heater is tested under 1,000 lb. per sq. in. hydrostatic pressure, and is guaranteed for any operating steam pressure up to 200 lb. per sq. in.

Flexibility of output is provided in the Nos. 6, 7 and 8 Moto-Heaters which are equipped with two fans, as follows, 100 per cent total output with both fans running, 55 per cent with one fan and 6 per cent with no fans running.

Moto-Heaters are made in six sizes and except the No. 2, each size is supplied in three types—suspended, floor mounted recirculating box and horizontal outside air intake box.

A selection of three motor speeds, 1750, 1160 and 870 is available depending upon the degree of quiet operation the application demands.



Rear View No. 6, 7 and 8

Steam Pressure at Heater—2 Lb. Sq. In.

1750 R.P.M.							1160 R.P.M.							870 R.P.M.						
Entering Air	Leaving Air	B.t.u. Output	Cond. Lbs. Hr.	C.f.m. at Entering Air Temp.	H. P.		Entering Air	Leaving Air	B.t.u. Output	Cond. Lbs. Hr.	C.f.m. at Entering Air Temp.	H. P.		Entering Air	Leaving Air	B.t.u. Output	Cond. Lbs. Hr.	C.f.m. at Entering Air Temp.	H. P.	
MOTO-HEATER NO. 2																				
60	112	40,000	41	700	1/15		60	117	29,400	30	465	1/30		60	121	23,600	24	350	1/40	
70	119	37,100	38	700	1/15		70	124	27,200	28	465	1/30		70	128	21,900	23	350	1/40	
80	125	34,100	35	700	1/15		80	130	25,000	25	455	1/30		80	134	20,100	21	350	1/40	
MOTO-HEATER NO. 4																				
60	109	92,000	95	1,700	1/6		60	115	69,000	72	1,130	1/8		60	121	57,000	59	850	1/10	
70	116	85,200	88	1,700	1/6		70	122	63,900	66	1,130	1/8		70	127	52,800	55	850	1/10	
80	123	78,500	81	1,700	1/6		80	129	58,800	61	1,130	1/8		80	134	48,600	50	850	1/10	
MOTO-HEATER NO. 5																				
60	114	110,000	114	1,850	1/6		60	121	83,500	87	1,230	1/8		60	127	68,500	71	920	1/10	
70	121	102,000	106	1,850	1/6		70	128	77,400	80	1,230	1/8		70	134	63,500	66	920	1/10	
80	128	93,900	97	1,850	1/6		80	134	71,200	74	1,230	1/8		80	140	58,500	61	920	1/10	
MOTO-HEATER NO. 6																				
60	97	153,000	158	3,740	1/3		60	102	115,000	119	2,480	1/4		60	106	95,300	99	1,860	1/5	
70	105	141,500	145	3,740	1/3		70	110	106,500	110	2,480	1/4		70	114	88,200	91	1,860	1/5	
80	113	130,000	134	3,740	1/3		80	117	98,400	102	2,480	1/4		80	121	81,200	84	1,860	1/5	
MOTO-HEATER NO. 7																				
60	111	197,000	203	3,490	1/3		60	118	150,000	155	2,320	1/4		60	124	124,000	128	1,740	1/5	
70	118	182,500	189	3,490	1/3		70	125	139,000	144	2,320	1/4		70	131	114,500	118	1,740	1/5	
80	125	168,000	174	3,490	1/3		80	132	125,000	132	2,320	1/4		80	137	103,500	109	1,740	1/5	
MOTO-HEATER NO. 8																				
60	125	236,000	244	3,240	1/3		60	134	177,000	183	2,150	1/4		60	142	145,500	150	1,610	1/5	
70	132	218,500	226	3,240	1/3		70	140	164,000	169	2,150	1/4		70	147	134,500	139	1,610	1/5	
80	138	201,500	208	3,240	1/3		80	146	151,000	156	2,150	1/4		80	152	124,000	128	1,610	1/5	

Complete Capacity Tables for Various Pressures Given in Our 1930 General Catalogue



Kelly Brass Works

226-232 West Ontario Street
Chicago, Ill.



Kelly Non-Adjustable Steam, Air and Vacuum Valves

All Cuts One-Third Size

"KELLY" Air Valves will fill every valve requirement.

The complete line of Kelly Non-Adjustable Automatic Steam, Air and Vacuum Valves are manufactured complete by the Kelly Brass Works.

The interior construction of "KELLY" Air Valves are identical. The float is sealed with a phosphor bronze diaphragm at the bottom. A definite amount of volatile liquid is placed in the float before sealing which vaporizes from the heat of the steam causing the diaphragm to expand and raise the float thereby closing the escape port in the top of the valve.

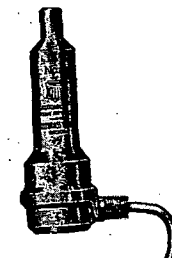
"KELLY" Air Valves will operate under all pressures up to 10 pounds venting the radiator of the accumulated air and closing against steam and water. Any water of condensation in the valve will be drained back to the radiator through the syphon tube.

Your particular attention is called to the "KELLY" No. 2 Vacuum Valve.

Simplicity of parts. Absolutely positive in action.

"KELLY" Air Valves are subjected to practical steam and vacuum tests before shipping and are

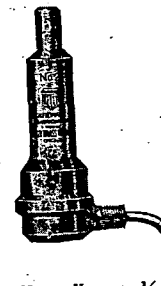
Guaranteed for Five Years



No. 1—¼-in. Side-Outlet Air Valve for Radiators



No. 3—¼-in. Bottom-Outlet Air Valve for Mains, Coils and Risers



No. 2—Vacuum—¼-in. Side-Outlet Air Valve for Radiators



No. 4—Vacuum—¼-in. Bottom-Outlet Air Valve for Mains, Coils and Risers



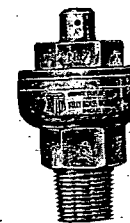
No. 5—¼-in. Bottom-Outlet Quick Vent Air Valve for Mains and HV Stacks

NOTE.—Contains Float—will close against water.



Complete Satisfaction

Scientific Construction



No. 7—¼-in. Bottom-Outlet Quick Vent Air Valve for Mains and HV Stacks

NOTE.—Will not close against water.



No. 6—Vacuum—¼-in. Bottom-Outlet Quick Vent Air Valve for Mains and HV Stacks

NOTE.—Contains Float—will close against water.