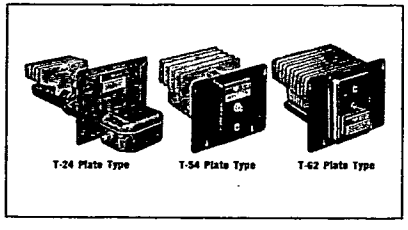
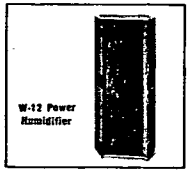
LAU'S NEW 1965 HUMIDIFIERS

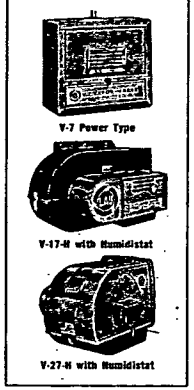
for residential and commercial installation





The W-12 is a new concept in humidification. It's installed as a self-contained unit and operates independent of all heating plants. The W-12 is completely automatic with a capacity of 12 gallons per 24 hours of operation at room temperature. The built-in humidistat allows you to select a comfortable and safe humidity level. Set it and forget it. The unit features a walnut grain vinyl laminate face plate, an automatic pump which reduces routine maintenance to a minimum by preventing a build-up of lime deposits, and a heating coil which warms the cool moist air for your comfort when the unit is operating at full capacity.

Write The Lau Blower Company for full details on the new 1965 full line of Lau humidifiers.



Lau humidifiers assure controlled humidity and provide just the right amount of moisture indoors to reduce thermostat setting and to help protect furniture, carpets, walls, floors, fabrics and other valuables from excessive and damaging dryness. With Lau's new full line of plate type and power humidifiers, there's a unit available for properly and economically humidifying large and small homes, stores, shops, offices, motels, bowling alleys and many more applications.

HERE'S HOW!

plate type humidifiers

Easy to install plate type units such as the T-24, T-54 and T-62 are the most economical units for humidifying a small to average size home. The air stream from your furnace carries the moisture laden air throughout your home to give you low operational cost. Servicing is at a minimum. All parts that come in contact with water are corrosion resistant. Plate type humidifiers were designed for installation on gravity and forced air furnaces with vertical plenum. The versatile T-24 can also be installed on a sloping plenum.

power humidifiers

Lau's new power humidifiers make available a broad capacity range capable of economically and effectively humidifying large homes and commercial areas. The V-7 Vapor-Wheel® Humidifier is the most economical power unit on the market today. This fully automatic unit, perfect for the average home, has a capacity up to 7½ gallons per day in 24 hours of continuous operation, is compact and easy to install and costs no more to operate than a 60 watt light bulb. The V-7 is designed for plenum mount on either forced or gravity warm air furnaces.

The V-17-H Vapor-Wheel® with humidistat was designed for serviceability and efficiency in a large home. It has a capacity of 17 gallons of water per 24 hours of operation and features a drain plug for instant draining of the reservoir, suitcase type latches to quickly drop reservoir away from upper case and an easy to get at media knob which releases the media and media wheel with a few quick turns. This unit can be operated with either forced air or gravity furnaces.

The V-27-H is a commercial and residential unit with a workhorse capacity of 27 gallons per 24 hours of operation. It provides ample humidification for large homes, shops, stores, offices, motels, etc. and when mounted in series of 2 or more, this versatile unit can be used in larger buildings. It features a snap-out drain plug, suitcase type latches to release the reservoir for servicing without removing the unit from the furnace and a media wheel that can be easily removed by simply pulling out 3 plate connectors. An optional accessory, the Lau Serv-I-Saver pump is available for installations with the V-17-H and V-27-H units. It's easy to install and keeps the humidifier supplied with fresh water to prevent lime deposits from building up. This reduces routine maintenance to a minimum and assures maximum operating efficiency of your humidifier.

THE LAU BLOWER COMPANY
CONAIRE SALES DIVISION
2027 Home Avenue, Dayton, Ohio 45407

Plants in Cleveland, O./Dayton, O./Indianapolis, Ind./Kitchener, Ont./Irwindale, Calif.

INDUSTRIAL COMBUSTION INC.

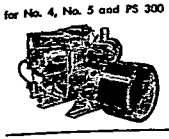
EXECUTIVE OFFICES: 4447 N. OAKLAND AVENUE, MILWAUKEE, WIS. 53211 • FACTORY: MONROE, WIS.

COMMERCIAL • INDUSTRIAL BURNERS ENGINEERED TO FIT YOUR EXACT NEEDS

HEV-E-OIL BURNERS
for No. 4, No. 5 and PS 300 OILS

COMPLETE SIZE RANGE
5 gph to 150 gph or 720,000 to 21,000,000 Btu GAS INPUT. FOR BOILERS UP TO 480 hp.

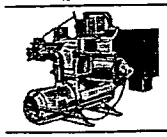
HEV-E-DUTY POWER GAS BURNERS
for NATURAL GAS or LPG . . . COMBINATION LIGHT or HEAVY OIL MODELS



HEV-E-OIL BURNERS

for No. 4, No. 5, and PS 300 OILS. Larger models use No. 6 oil.

S	Burner Model	Capacity GPH Max.	Capacity GPH Min.	BOILER Max. HP	Maximum Net Standing Radiation Steam	Maximum Net Standing Radiation Water
	*AL2C-AM2CH-AM2CF	5	2	16	1,700	2,700
	AL3C	7	2	22	2,300	3,700
	AM3CH-AM3CF	9	2	28	2,900	4,900
P	AM3½CH-AM3½CF	13	2	42	4,400	7,000
	AM4CH-AM4CF	17	3	55	5,800	9,200
	AM4½CH-AM4½CF	22	4	70	7,400	11,700
	AM5CH-AM5CF	30	6	100	10,500	17,500
E	*AM5E	25	5	83	8,700	14,500
	AM6CH-AM6CF	40	6	128	13,400	21,400
	*AM6E	30	5	100	10,500	17,500
	AM7CH-AM7CF	60	7	200	21,000	33,500
C	*AM7E	50	6	165	17,300	27,600
	AM8CK-AM8CF	75	8	272	28,600	45,500
	*AM8E	75	8	250	26,300	41,800
	AM8½CK-AM8½CF	100	8	320	33,600	53,500
S	*AM8½E	90	10	300	31,500	50,200
	AM9CK-AM9CF	125	10	400	42,000	66,900
	*AM9E	120	10	400	42,000	66,900
	AM9½CK-AM9½CF	150	10	480	50,400	80,300
	*AM9½E	140	10	462	48,500	77,300

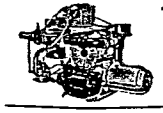


*AL2C uses M.H. RA117A Stack Relay. Choice of MHRA890E, Fireye FP-2, or MHR41278 on models 2 through 7. Fireye FP-2 or MHR41278 models 8 through 9½. *Models AM5E through AM9½ burn No. 6 oil and are factory equipped with heaters.

HEV-E-DUTY POWER GAS BURNERS

for NATURAL GAS or LPG

S	Burner Model	Gas Input Max. BTU	Boiler Max. HP	Maximum Net Standing Radiation Steam	Maximum Net Standing Radiation Water
	*G2	720,000	16	1,700	2,700
P	CG2H	900,000	20	2,100	3,500
	CG3H	1,700,000	38	4,000	6,400
E	*G3	1,820,000	40	4,200	6,600
	*G4	2,500,000	64	6,700	10,700
	G4½	3,080,000	70	7,400	11,700
C	G5	4,250,000	100	10,500	17,500
	G6	5,500,000	128	13,400	21,400
	G7	8,600,000	200	21,000	33,500
S	G8	11,250,000	240	25,200	40,100
	G8½	14,300,000	320	33,600	53,500
	G9	18,800,000	400	42,000	66,900
	G9½	21,000,000	480	50,400	80,300



*Choice of MHRA890E, MHR41278, or Fireye FP-2 Controls on models 2, 3, and 4. FP-2 and MHR41278 controls standard on models 4½ through 9½.

COMBINATION BURNERS

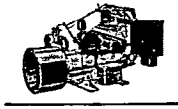
FOR LIGHT OIL and GAS

S	Burner Model	Gas InPut Max. BTU	Oil Max. GPH	Boiler Max. HP	Maximum Net Standing Radiation Steam	Maximum Net Standing Radiation Water
P	GL2	720,000	5	16	1,700	2,700
	GL3	1,820,000	13	40	4,200	6,600
E	GL4	2,500,000	20	64	6,700	10,700
	GL4½	3,080,000	22	70	7,400	11,700
C	GL5	4,250,000	30	100	10,500	17,500
	GL6	5,500,000	40	128	13,400	21,400
	GL7	8,600,000	60	200	21,000	33,500
S	GL8	11,250,000	75	240	25,200	40,100
	GL8½	14,300,000	100	320	33,600	53,500
	GL9	18,800,000	125	400	42,000	66,900
	GL9½	21,000,000	150	480	50,400	80,300

Choice of MHR41278 or Fireye FP-2 Controls. Simple toggle switch fuel changeover.

Industrial Combustion burners operate on the principle of low-pressure air-atomization and furnish all the air necessary for complete combustion. Uniform, high efficiency is obtained at all times, regardless of weather.

Built to utilize the fuel lowest in cost and most readily available, these commercial-industrial burners are factory guaranteed . . . sold and serviced throughout the world. Fully approved, they meet all codes and U.L., C.S.A., and C.G.A. requirements.



COMBINATION BURNERS

for HEAVY OIL (No. 4, No. 5, PS 300) and GAS

S	Burner Model	Gas InPut Max. BTU	Oil Max. GPH	Boiler Max. HP	Maximum Net Standing Radiation Steam	Maximum Net Standing Radiation Water
	AMG2	720,000	5	16	1,700	2,700
P	AMG3	1,300,000	9	28	2,900	4,900
	AMG3½	1,880,000	13	42	4,400	7,000
E	AMG4	2,500,000	17	55	5,800	9,200
	AMG4½	3,200,000	22	70	7,400	11,700
	AMG5	4,250,000	30	100	10,500	17,500
E	*AMG5E	3,750,000	25	83	8,700	14,500
	AMG6	5,500,000	40	128	13,400	21,400
	*AMG6E	5,500,000	30	100	10,500	17,500
C	AMG7	8,600,000	60	200	21,000	33,500
	*AMG7E	7,500,000	50	165	17,300	27,600
	AMG8	11,250,000	75	240	25,200	40,100
S	*AMG8E	11,250,000	75	250	26,300	41,800
	AMG8½	14,300,000	100	320	33,600	53,500
	*AMG8½E	13,500,000	90	300	31,500	50,200
	AMG9	18,800,000	125	400	42,000	66,900
	*AMG9E	18,000,000	120	400	42,000	66,900
	AMG9½	21,000,000	150	480	50,400	80,300
	*AMG9½E	21,000,000	140	462	48,500	77,300

Fireye FP-2 or Honeywell R4127B electronic controls standard on all burners. *Models AMG5E through AMG9½E burn No. 6 oil and gas. Simple toggle switch fuel changeover.

- COMPLETELY AUTOMATIC
- SAFE . . . LATEST ELECTRONIC CONTROLS
- AUTOMATIC ELECTRIC IGNITION
- LOW FIRE START
- EASILY MAINTAINED
- COMPLETE . . . READY FOR INSTALLATION
- FACTORY FIRE TESTED
- POSITIVE FUEL SAVINGS
- SUPER-SIMPLE INSTALLATION

Write for free copy of "ARCHITECTS AND ENGINEERS HANDBOOK"

Bulletin No. 1 on heavy oil burners, Bulletin No. 2 and No. 12 on gas and combination gas/oil burners.