

# Final Solution For All Your Heating & Heat Conservation Needs

Save 15% on FUEL BILLS with 'FILM BURNER'

IIP ENCON FILM BURNER is available in the following sizes :

Size	Firing Rate at 24" w.g.	Firing Rate at 36" w.g.
2A	3-20 litres/hour	4-24 litres
3A	5-35 litres/hour	7-40 litres
4A	10-65 litres/hour	15-85 litres
5A	20-120 litres/hour	25-150 litres
6A	30-180 litres/hour	40-200 litres

Designed & Developed by IIP & PCRA.

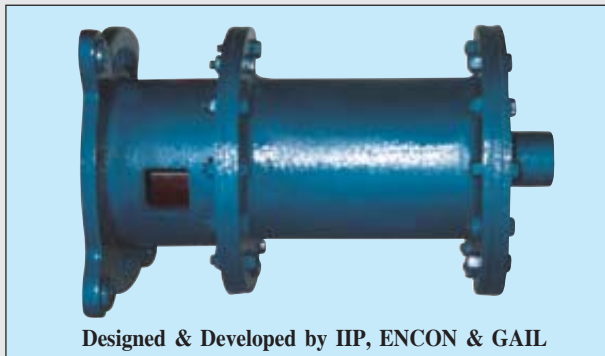


## IIP ENCON GAS BURNER FOR LPG / NATURAL GAS

Available in the following sizes :

Model	Capacity
50 M <sup>3</sup> /hr Nozzle Mix Burner	400000 Kcal/hr
100 M <sup>3</sup> /hr Nozzle Mix Burner	800000 Kcal/hr
50 M <sup>3</sup> /hr Pre Mix Burner	400000 Kcal/hr
100 M <sup>3</sup> /hr Pre Mix Burner	800000 Kcal/hr

Designed & Developed by IIP, ENCON & GAIL.



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## LIGHT OIL / HEAVY OIL BURNERS

Model	Fuel Rating Kg/h	Control	Motor KW
HL 50B	3.1 - 5.5	ON/OFF	435 VA
HL 120 B	6 - 11.5	ON/OFF	515 Watts
HLZ 120 B	6 - 11.5	2 Stage	500 Watts
HLZ 250 B	16 - 30	2 Stage	575 Watts
HLZ 550	19 - 50	2 Stage	650 Watts

## GAS BURNERS

Model	Fuel Rating KW	Control	Motor KW
HG 50BL	20 - 65	One Stage	230 Watts
HGZ 250 BL	170 - 267	2 Stage	575 Watts
HGZ 300 L	65 - 350	2 Stage	650 Watts
HGZ 500 LE	160 - 800	2 Stage	1100 Watts



Coke Oven Burner by ENCON

REMEMBER - A DROP OF FUEL SAVED IS A RUPEE EARNED



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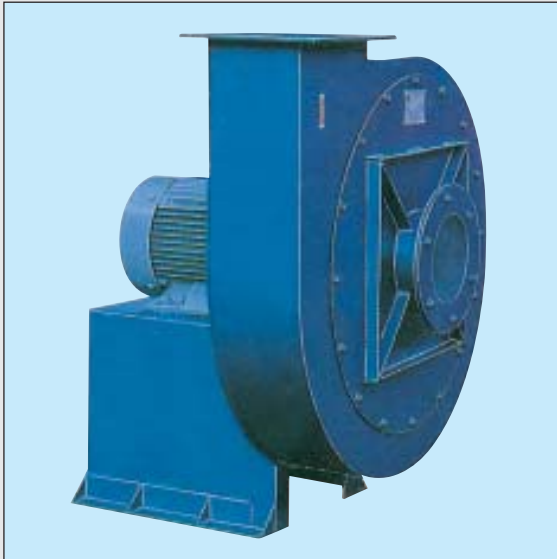
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229

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## BLOWERS (Air Combustors)

### Medium Pressure

Model	H.P.	C.F.M.	NM <sup>3</sup> /HR.	PRESSURE
ENCON 28/3	3	300	510	28" w.g.
ENCON 28/5	5	550	930	28" w.g.
ENCON 28/7.5	7.5	850	1450	28" w.g.
ENCON 28/10	10	1200	2040	28" w.g.
ENCON 28/15	15	1700	2890	28" w.g.
ENCON 28/20	20	2200	3740	28" w.g.
ENCON 28/25	25	3000	5100	28" w.g.
ENCON 28/30	30	3500	5950	28" w.g.
ENCON 28/40	40	4800	7900	28" w.g.

### High Pressure

Model	H.P.	C.F.M.	NM <sup>3</sup> /HR.	PRESSURE
ENCON 40/5	5	400	680	40" w.g.
ENCON 40/7.5	7.5	600	1020	40" w.g.
ENCON 40/10	10	800	1360	40" w.g.
ENCON 40/15	15	1200	2040	40" w.g.
ENCON 40/20	20	1600	2720	40" w.g.
ENCON 40/25	25	2000	3400	40" w.g.
ENCON 40/30	30	2400	4080	40" w.g.
ENCON 40/40	40	3200	5200	40" w.g.

We make custom built blowers as per the customer specifications. Volume & pressure of these Air combustors are at 20°C

## HEATING & PUMPING UNITS

Heater Capacity	Flow rate	Simplex model	Duplex-I model	Duplex-II model
3 KW	40 litres/hr.	HPS-3	HPD-3	HPDD-3
6 KW	80 litres/hr.	HPS-6	HPD-6	HPDD-6
9 KW	120 litres/hr.	HPS-9	HPD-9	HPDD-9
12 KW	160 litres/hr.	HPS-12	HPD-12	HPDD-12
16 KW	200 litres/hr.	HPS-16	HPD-16	HPDD-16
20 KW	250 litres/hr.	HPS-20	HPD-20	HPDD-20
24 KW	300 litres/hr.	HPS-24	HPD-24	HPDD-24
30 KW	400 litres/hr.	HPS-30	HPD-30	HPDD-30
36 KW	500 litres/hr.	HPS-36	HPD-36	HPDD-36
48 KW	600 litres/hr.	HPS-48	HPD-48	HPDD-48

1. Simplex : Pump with motor & Single Heater
2. Duplex-I : Two pumps with motors in parallel & Single Heater
3. Duplex-II : Two pumps with motors & Two Heaters in parallel



## RECUPERATORS

Recuperator Model	Approx. flue gas temp. inlet	Approx. fuel consumption of the furnace (LDO/FO)	Typical Applications
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### RADIATION TYPE

ENCON 1 HT	750–900 deg. C.	Upto 30 ltrs/hr.	Forging Furnace (Batch type) Aluminium Melting and other melting furnaces.
ENCON 2 HT	750–900 deg. C.	30–75 ltrs/hr.	
ENCON 5 HT	750–900 deg. C.	75–150 ltrs/hr.	
ENCON 10 HT	750–900 deg. C.	150–300 ltrs/hr.	

### CONVECTIVE TYPE (SPL. ALLOY FINNED & PLAIN STEEL TUBES)

ENCON 10 FS	Up to 850 deg. C.	20–50 ltrs/hr.	Rolling Mills and Heat Treatment Furnaces
ENCON 20 FS	Up to 850 deg. C.	50–150 ltrs/hr.	
ENCON 30 FS	Up to 850 deg. C.	150–300 ltrs/hr.	
ENCON 40 FS	Up to 850 deg. C.	300–500 ltrs/hr.	
ENCON 50 FS	Up to 850 deg. C.	500–650 ltrs/hr.	
ENCON 70 FS	Up to 850 deg. C.		

**PLEASE CONTACT 'ENCON' FOR FURTHER ENQUIRIES & SIZES NOT MENTIONED.**