

Torch Type Burner

Models T-22 / T-35 / T-50 / T-78

Ideal heavy-duty burners for bulk frying and general heating requirements of industries and pharmaceuticals, produce powerful torch type blue flames. Available in four capacities

These burners are recommended to be used at a pressure of 320 to 490 gm/cm² (4.5 psig), however, this may be varied by $\pm 25\%$; the heat output being varied accordingly.

These burners are also termed as T-22 or T-1 and T-35 or T-2, T-50 and T-78

Connection $\frac{3}{8}$ " BSPM Compression Inlet Burners in this model higher capacity can be supplied on demand.



T-22

	T-22 Burner
Consumption K. Cals/Hr	11700 to 14600
(Kg/Hr)	1 to 1.25
Btu/Hr Rated heat output	46,000
Diameter of Burner Head	64mm
Height (Adjustable)	180mm

Part No. 1010



T-35

	T-35 Burner
Consumption K. Cals/Hr	18500 to 23600
(Kg/Hr)	1.58 to 1.97
Btu/Hr Rated heat output	73,000
Diameter of Burner Head	85mm
Height (Adjustable)	205mm

Part No. 1020



T50

	T-50 Burner
Consumption K. Cals/Hr	25200 to 28000
(Kg/Hr)	2.24 to 2.5
Btu/Hr Rated heat output	1,00,000+
Diameter of Burner Head	98mm
Height (Adjustable)	230mm

Part No. 1011



T78

	T-78 Burner
Consumption K. Cals/Hr	40350 to 48000
(Kg/Hr)	3.56 to 4.2
Btu/Hr Rated heat output	1,60,000+
Diameter of Burner Head	115mm
Height (Adjustable)	265mm

Part No. 1021

All these burners are manufactured as per IS standards 14612
These burners could be manufactured for piped natural gas or LP gas

For PNG Part No. T-35 : 1022, T-50 : 1023, T-78 : 1024

Ring Type Burner

Models M-22 / M-35 / M50 / M78

Most appropriate for heavy heating requirements of commercial cooking and industries: General & Pharmaceuticals and Dairy. Produces lovely blue Sunflower shaped flame; available in four capacities

These burners are recommended to be used at a pressure of 320 gm/cm² (4.5 psig), however this may be varied by \pm 25%; the heat output being varied accordingly.

These burners are also known as M-22 or M-1 and M-35 or M-2, M-50 and M-78

Connection $\frac{3}{8}$ " BSPM Compression Inlet Burners in this model of higher capacity can be supplied on demand.



M-22

	M-22 Burner
Consumption K. Cals/Hr	11700
(Kg/Hr)	1.0
Btu/Hr Rated heat output	46,000
Diameter of Burner Head	60mm
Height (Variable)	200mm

Part No. 1030



M-35

	M-35 Burner
Consumption K. Cals/Hr	18555
(Kg/Hr)	1.58
Btu/Hr Rated heat output	73,000
Diameter of Burner Head	77mm
Height (Variable)	225mm

Part No. 1040



M50

	M-50 Burner
Consumption K. Cals/Hr	25200
(Kg/Hr)	2.24
Btu/Hr Rated heat output	1,00,000
Diameter of Burner Head	95mm
Height (Adjustable)	250mm

Part No. 1031



M78

	M-78 Burner
Consumption K. Cals/Hr	40350
(Kg/Hr)	3.56
Btu/Hr Rated heat output	1,60,000
Diameter of Burner Head	110mm
Height (Adjustable)	285mm

Part No. 1041

All these burners are manufactured as per IS standards 14612
These burners could be manufactured for piped natural gas or LP gas

For PNG Part No. M-35 : 1032, M50 : 1033, M-78 : 1034

Sunflower Burner

Models G-7 / G-9 / G-11

Ideal heavy-duty burners for bulk frying and general heating requirements of industries and pharmaceuticals, produce powerful torch type blue flames. Available in three capacities with multi flame, multi purpose applications.

These burners are recommended to be used at a pressure of 320 to 490 gm/cm² (4.5 psig), however, this may be varied by ±25%; the heat output being varied accordingly. BSPM Compression Inlet Burners in this model higher capacity can be supplied on demand.



G-7

	G-7 Burner
Consumption K. Cals/Hr	14600
(Kg/Hr)	1.25
Btu/Hr Rated heat output	47,000
Diameter of Burner Head	93mm
Height (Adjustable)	215mm

Part No. 1050



G-9

	G-9 Burner
Consumption K. Cals/Hr	25200
(Kg/Hr)	2.24
Btu/Hr Rated heat output	1,00,000
Diameter of Burner Head	106mm
Height (Adjustable)	230mm

Part No. 1051



G-11

	G-11 Burner
Consumption K. Cals/Hr	40350
(Kg/Hr)	3.56
Btu/Hr Rated heat output	1,60,000
Diameter of Burner Head	135mm
Height (Adjustable)	245mm

Part No. 1052



To be launched soon

Save over 30% in fuel costs

LPG/NG burners made as per IS 14612 standards

All these burners are manufactured as per I S standards 14612
These burners could be manufactured for piped natural gas or LP gas

For PNG Part No. G-7 : 1053, G-9 : 1054, G-11 : 1055

Dum Biryani Burner

Cast Iron Burner

Ideal heavy duty, long lasting burners for slow and constant heating over long periods.

CI Burner 4 rings individual control



	Dum Biryani Burner
Consumption K. Cals/Hr	11000 to 55000
(Kg/Hr)	1 to 5
Btu/Hr Rated heat output	44,000 to 2,20,000
Diameter of Burner Head	As per ring
Height (Adjustable)	As per ring

Rated operating pressure 320 to 490 g/cm² (5 psi)
 Inlet connection 3/8" BSP compression
 Available in 1,2,3,4 rings with individual control

CI Burner 2 rings individual control



- Part No. 1106 2 Ring individual control CI Burner
- Part No. 1106B 3 Ring individual control CI Burner
- Part No. 1106C 4 Ring individual control CI Burner
- Part No. 1107 2 Ring individual control Rota Ribbon Burner
- Part No. 1108 2 Ring common control Rota Ribbon Burner
- Part No. 1109 3 Ring individual control Rota Ribbon Burner
- Part No. 1110 3 Ring common control Rota Ribbon Burner

Rota Ribbon Burner
 1/2/3 Ring

Metal body, medium / high pressure circular burners with SS ribbon for even heating of round vessels

3 ring burners pressure 15 psi (1kg/cm²) consumption 3 kg/hr (35000 kcal/hr)
 3 ring burners pressure 5 psi (.35kg/cm²) consumption 2.1 kg/hr (24000 kcal/hr)

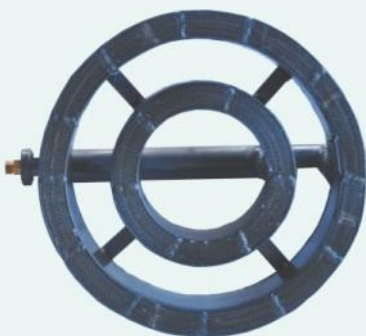
2 ring burners pressure 15 psi (1kg/cm²) consumption 2.3 kg/hr (26000 kcal/hr)
 2 ring burners pressure 5 psi (.35kg/cm²) consumption 1.6 kg/hr (18500 kcal/hr)

inlet connection 3/8"bsp compression.,

Available in 1/2/3/4 rings with individual or common controls.



Rota Ribbon Burner 3 rings common control



Rota Ribbon Burner 3 rings individual control



Rota Ribbon Burner 2 rings common control

These burners could be manufactured for piped natural gas or LP gas

Ribbon Burner

L / V TYPE Models 300 / 450 / 600 / 900 / 1200 / 1500

Part No. 1070 / 1071 / 1072 / 1073 / 1074 / 1075

Burner Model Nos. RV-1 (300) RV-2 (600) RV-3 (900) RV-4 (1200) Ideal for use in Restaurant and Hotels, under the Hot Plate for preparation of pancakes, hamburgers, dosa, omelettes, chapatis, etc. Useful for hot cases, drying ovens, bain maries and tin bath heating in industries. Produces two linear flames with wider heat distribution. Flame stability, increased efficiency and long life ensured by stainless steel corrugated ribbons.

Available in various sizes providing different flame lengths.

Specifications:

Rated operation pressure: 320 to 490 gm/cm² (4.5 psig)

Connection 3/8" BSP Compression Inlet. The above burners are available in side loading and bottom loading models. Both in two ribbons and single ribbon. Also available in pencil models.

SPECIFICATIONS				
Model No.	Ribbon Length	Optimum Working Pressure	Consumption Per Hour	Rated Heat Output
RV-300	300 mm	0.3 Kg/cm ²	1.58 Kg	17,650 kcal/hr
	11.81 ins	4.5 psig	3.5 lbs	70,000 btu/hr
RV-600	600 mm	0.3 Kg/cm ²	1.9 Kg	21,600 kcal/hr
	23.62 ins	4.5 psig	4.17 lbs	86,600 btu/hr
RV-900	900 mm	0.3 Kg/cm ²	1.9 Kg	21,600 kcal/hr
	35.43 ins	4.5 psig	4.17 lbs	86,600 btu/hr
RV-1200	1200 mm	0.3 Kg/cm ²	2.28 Kg	25,900 kcal/hr
	47.24 ins	4.5 psig	5.0 lbs	1,04,000 btu/hr

RV-3 or RV-900 Bottom Entry Burner



RV-2 or RV-600 Side Entry

L TYPE

Apart from the standard models listed above this burner can be supplied in any ribbon length upto a maximum of 2100mm (83 ins). Single Flame Ribbon Burner (L Type)

We can also make them as per customers design and specifications.

RL-3 or RL-900 Side Entry



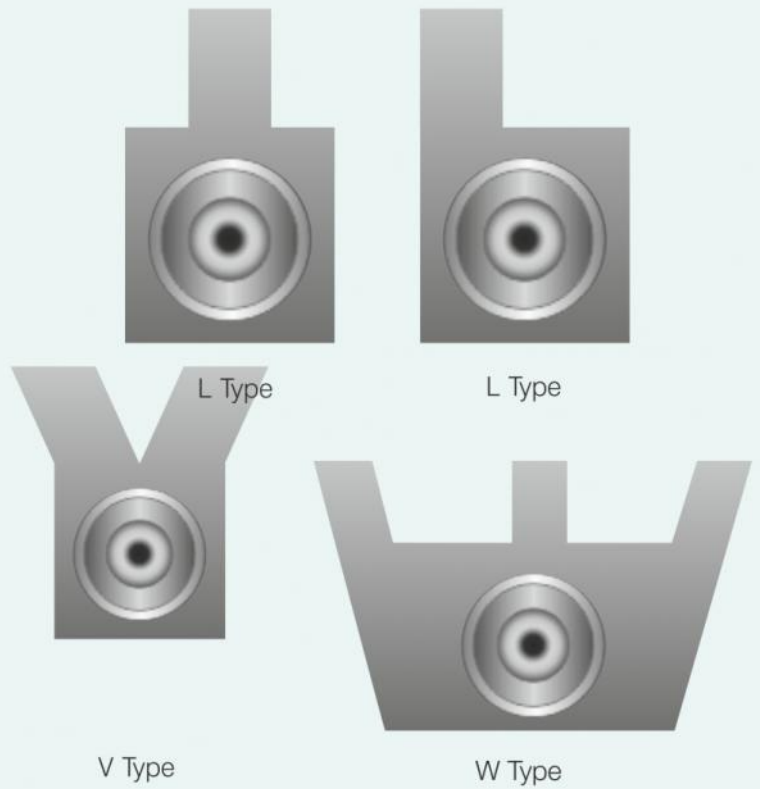
PENCIL TYPE RIBBON BURNER



These burners can be manufactured in different sizes, lengths, entry positions and flame thicknesses

All these burners are manufactured as per IS standards 14612
 These burners could be manufactured for piped natural gas or LP gas

W type burner



Fishtail Burners

Model Nos. FT-75 / FT-150 / FT-230 / FT-300

Part No. 1060 / 1061 / 1062 / 1063 / 1064

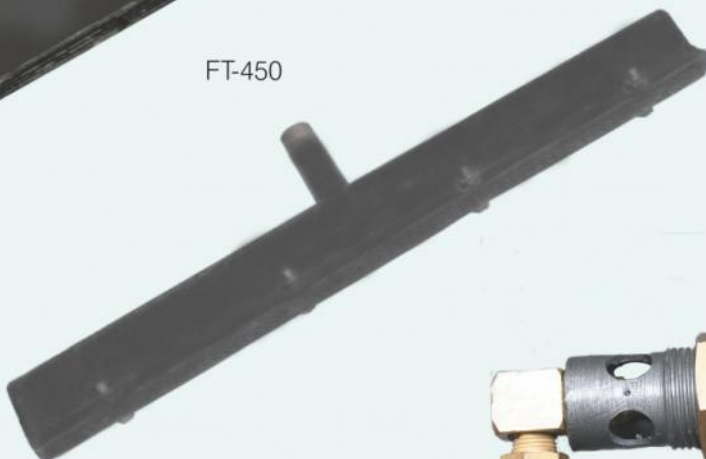
Apart from the standard models listed above, these burners can be supplied in any Ribbon Length from 75mm to 400mm (3" to 15.75"). Side entry or bottom entry. Also made as per customers individual design and specifications.

SPECIFICATIONS					
Model No.	Ribbon Length	Burner Height	Optimum Working Pressure	Consumption Per Hour	Rated Heat Output
FT-75	75 mm	190 mm	0.3 Kg/cm ²	0.20 Kg	2,500 kcal/hr
	3.0 ins	7.48 ins	4.5 psig	0.40 lbs	10,000 btu/hr
FT-150	150 mm	190 mm	0.3 Kg/cm ²	0.45 Kg	5,040 kcal/hr
	5.9 ins	7.48 ins	4.5 psig	1.0 lbs	20,000 btu/hr
FT-230	230 mm	190 mm	0.3 Kg/cm ²	0.68 Kg	7,560 kcal/hr
	9.06 ins	7.48 ins	4.5 psig	1.5 lbs	30,000 btu/hr
FT-300	300 mm	190 mm	0.3 Kg/cm ²	0.90 Kg	10,560 kcal/hr
	11.81 ins	7.48 ins	4.5 psig	2.0 lbs	40,000 btu/hr

FT-150 / FT-230 / FT-300



FT-450



FT-75



All these burners are manufactured as per IS standards 14612
 These burners could be manufactured for piped natural gas or LP gas

High Pressure Bulk Heating Burner

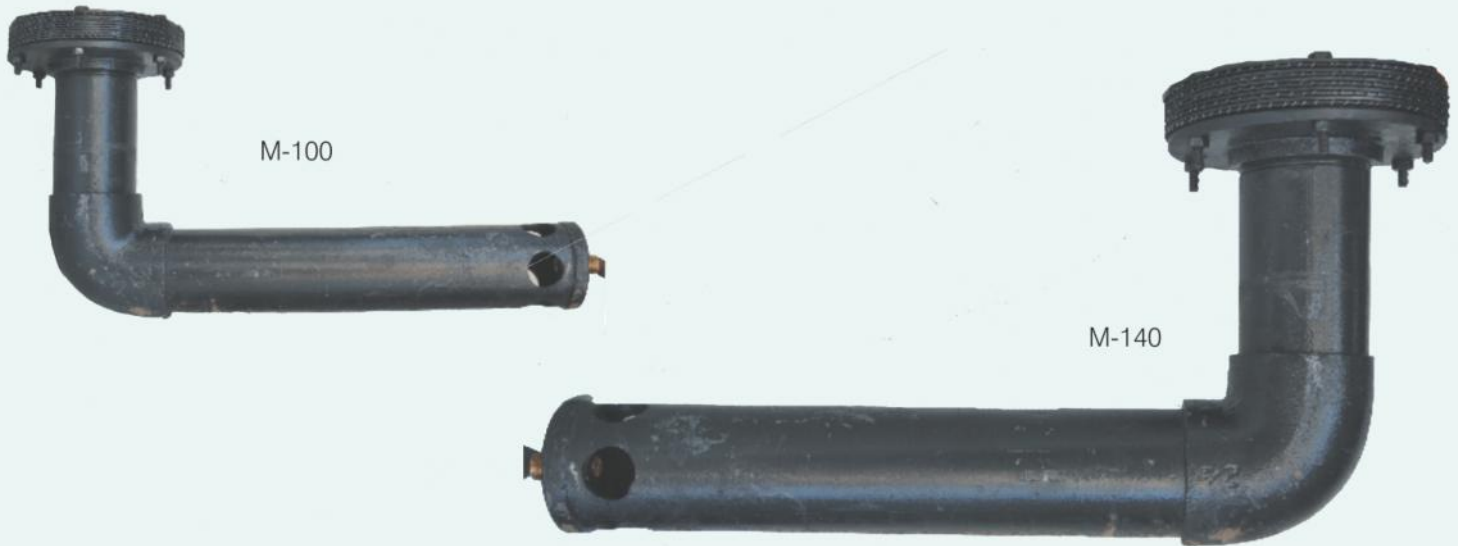
Models M-100 / M-140

(High Heat Output, Flame Spreading Ring, Burner)

Part No. 1042 / 1043

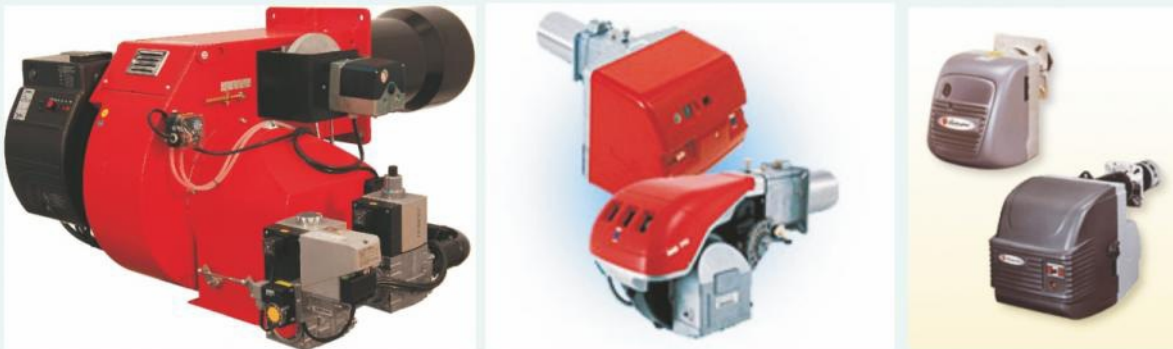
These burners are recommended to be used at 320 to 490 gm/cm² (4.5 psig), however this may be increased by 50%; the heat output being varied accordingly.

SPECIFICATIONS						
Model No.	Length	Height	Head Diameter	Optimum Working Pressure	Consumption Per Hour	Rated Heat Output
M-100	530 mm	220 mm	166 mm	0.3 Kg/cm ²	4.5 Kg	50,400 kcal/hr
	20.87 ins	8.66 ins	6.54 ins	4.5 psig	10.0 lbs	2,00,000 btu/hr
M-140	530 mm	230 mm	166 mm	0.3 Kg/cm ²	6.3 Kg	70,560 kcal/hr
	20.87 ins	9.00 ins	6.54 ins	4.5 psig	14.0 lbs	2,80,500 btu/hr



These burners could be manufactured for piped natural gas or LP gas

Imported fully automatic LPG - NG burners for furnaces, powder coating etc



We can provide Italian, German, Danish, American imported fully automatic LPG/NG operated burners from Ecoflam, Baltur, Riello, Bentone, Nuway, Oilon, Sacke, Unigas, Weishaupt, or other makes in capacities ranging from 35000 kcal/hr to 20,00,000 kcal/hr.

Blower Burners

Model No. ST-2.5 / ST- 5 / ST-10 / ST-20 / ST-40 / ST-60 / ST-80 / ST-160

Part No. 1080 / 1081 / 1082 / 1083 / 1084 / 1085 / 1086 / 1087

These burners produce short turbulent oxidizing flames ideal for high intensity weld preheating, wherever hydrogen cracking is to be avoided. It can also be used as an immersion heater or a space heater where secondary air is low. These burners can be made in longer lengths.



ST-40

Model No.: S-2.5 / S- 5 / S-10 / S-20 / S-40 / S-60 / S-80 / S-160

Part No. 1090 / 1091 / 1092 / 1093 / 1094 / 1095 / 1096 / 1097

These burners produce long, reducing, low velocity flames for an excellent transfer efficiency in heating dies, moulds, plates, castings and large fabricated components. These burners can be made in longer lengths.



SPECIFICATIONS 'S' TYPE								
Model No.	Length	Head Diameter	Working Pressure		Consumption per hour		Rated Heat Output	
			Min.	Max.	Min.	Max.	Min.	Max.
S-20	210 mm	33 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	0.68 Kg	1.89 Kg	7,560 kcal/hr	21,100 kcal/hr
	8.27 ins	1.30 ins	2.0 psig	20.0 psig	1.5 lbs	4.2 lbs	30,000 btu/hr	83,600 btu/hr
S-40	268 mm	43 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	1.35 Kg	3.83 Kg	15,100 kcal/hr	42,840 kcal/hr
	10.55 ins	1.70 ins	2.0 psig	20.0 psig	3.0 lbs	8.5 lbs	60,000 btu/hr	1,70,000 btu/hr
S-60	300 mm	50 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	2.00 Kg	5.70 Kg	22,650 kcal/hr	64,260 kcal/hr
	12.00 ins	2.0 ins	2.0 psig	20.0 psig	4.5 lbs	11.25 lbs	90,000 btu/hr	2,55,000 btu/hr
S-80	383 mm	60 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	2.70 Kg	7.61 Kg	30,240 kcal/hr	84,670 kcal/hr
	15.08 ins	2.36 ins	2.0 psig	20.0 psig	6.0 lbs	16.9 lbs	1,20,000 btu/hr	3,36,000 btu/hr
S-160	483 mm	79 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	5.40 Kg	15.21 Kg	60,500 kcal/hr	1,70,000 kcal/hr
	19.02 ins	3.11 ins	2.0 psig	20.0 psig	12.0 lbs	33.8 lbs	2,40,000 btu/hr	6,73,000 btu/hr



S Type Long Thin Flame

SPECIFICATIONS FOR 'ST' TYPE								
Model No.	Length	Head Diameter	Working Pressure		Consumption per hour		Rated Heat Output	
			Min.	Max.	Min.	Max.	Min.	Max.
ST-2.5	149 mm	28 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	0.09 Kg	0.24 Kg	1,000 kcal/hr	2,660 kcal/hr
	5.87 ins	1.10 ins	2.0 psig	20.0 psig	0.20 lbs	0.53 lbs	4,000 btu/hr	10,550 btu/hr
ST-5	169 mm	32 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	0.17 Kg	0.48 Kg	1,855 kcal/hr	5,290 kcal/hr
	6.65 ins	1.26 ins	2.0 psig	20.0 psig	0.37 lbs	1.06 lbs	7,360 btu/hr	21,000 btu/hr
ST-10	204 mm	41 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	0.34 Kg	0.95 Kg	3,750 kcal/hr	10,580 kcal/hr
	8.03 ins	1.61 ins	2.0 psig	20.0 psig	0.75 lbs	2.11 lbs	14,900 btu/hr	42,000 btu/hr
ST-20	250 mm	48 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	0.68 Kg	1.89 Kg	7,560 kcal/hr	21,100 kcal/hr
	9.84 ins	1.89 ins	2.0 psig	20.0 psig	1.50 lbs	4.20 lbs	30,000 btu/hr	83,600 btu/hr
ST-40	318 mm	58 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	1.35 Kg	3.83 Kg	15,100 kcal/hr	42,840 kcal/hr
	12.52 ins	2.28 ins	2.0 psig	20.0 psig	3.00 lbs	8.50 lbs	60,000 btu/hr	1,70,000 btu/hr
ST-80	438 mm	76 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	2.70 Kg	7.61 Kg	30,250 kcal/hr	84,670 kcal/hr
	17.24 ins	2.99 ins	2.0 psig	20.0 psig	6.00 lbs	16.90 lbs	1,20,000 btu/hr	3,36,000 btu/hr
ST-160	540 mm	88 mm	0.14 Kg/cm ²	1.40 Kg/cm ²	5.40 Kg	15.21 Kg	60,500 kcal/hr	1,70,000 kcal/hr
	21.26 ins	3.46 ins	2.0 psig	20.0 psig	12.00 lbs	33.80 lbs	2,40,000 btu/hr	6,73,000 btu/hr



ST Type Short Thick Flame

These burners could be manufactured for piped natural gas or LP gas

Canteen Burner Low Pressure

Part No. 1121 to 1127

Ideal for tea stalls, snack-bars, pavbhaji. Sturdy cast iron body fitted with adjustable screws for supporting utensils of various shapes. Control tap with safety push-in arrangement.

Specifications:

Operation Pressure : 30gms/cm² to 300gms/cm²

Consumption : 450gms/hr to 1000gms/hr

Connection : Nozzle to suit 6.4 mm tube or 3/8" BSPM

Low Pressure with gas cock as well as Medium Pressure/High Pressure with needle valves.

These canteen burners are also available with prefabricated stool type supports.

SPECIFICATIONS				
Details of Model	Optimum Working Pressure	Consumption Per Hour	Rated Heat Output	
With centre and side flame	0.035 Kg/cm ²	0.47 Kg	5,300 kcal/hr	
	0.5 psig	1.05 lbs	21,000 btu/hr	

SHAKTI CANTEEN BURNERS (Low Pressure)



3 LEG SHAKTI
Part No. 1121



4 LEG SHAKTI
Part No. 1122

TABLE MODEL CANTEEN BURNER
Part No. 1123



These burners could be manufactured for piped natural gas or LP gas

Multipurpose Canteen Burners (Medium Pressure)

SPECIFICATIONS			
Details of Model	Optimum Working Pressure	Consumption Per Hour	Rated Heat Output
With centre and side flame	0.35 Kg/cm ² 5 psig	1.0 Kg 2.2 lbs	11,400 kcal/hr 45,000 btu/hr



MINI
Part No. 1125

SUPER
Part No. 1126



DELUX
Part No. 1127



SUNBEAM
Part No. 1124



These burners could be manufactured for piped natural gas or LP gas

Infra Red Radiant Burner

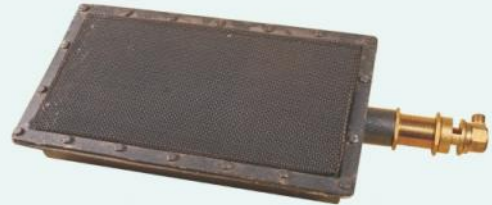
Model No. IB. 60

Part No. 1100 / 1101 / 1102 / 1103

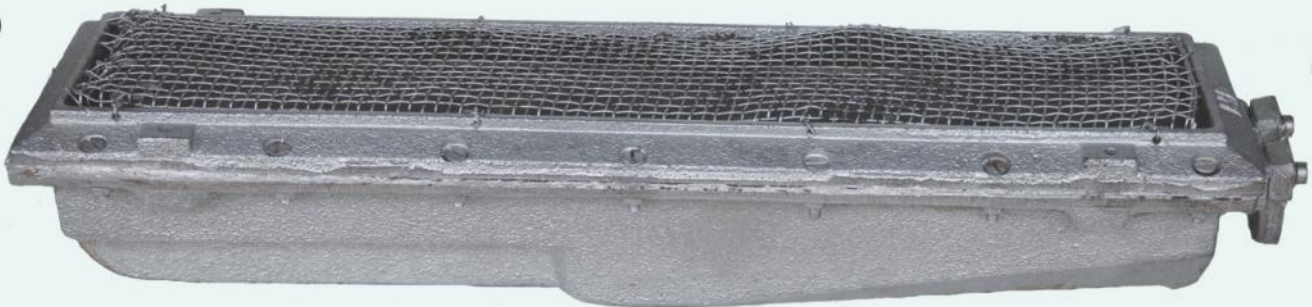
Gas operated Infra Red Radiant Burners (can be adapted to radiant heat if required). Industrial uses include brooding, curing, drying, food processing, almost all purposes where metal fabricating and finishing, textile drying and weld pre-heating. Also available in longer length. This item is also available in as per customer requirement .

SPECIFICATIONS						
	Length	Width	Height	Optimum Working Pressure	Consumption Per Hour	Rated Heat Output
IB 60	488 mm	127 mm	90 mm	0.035 Kg/cm ²	0.38 Kg	4,280 kcal/hr
IB 60	19.0 ins	5.0 ins	3.5 ins	0.5 psig	0.85 lbs	17,000 btu/hr
IB 40	235 mm	127 mm	70 mm	0.035 Kg/cm ²	0.15 Kg	1,700 kcal/hr
IB 40	9.0 ins	5.0 ins	2.75 ins	0.5 psig	0.35 lbs	5,500 btu/hr

These burners are made as per customers specifications and sizes specially for Shwarma machines, drying conveyor belts and special applications for roasting and printing preheating etc.



IB 60



Brooder Burner / Grill Burner

Part No. 1104

Indian and imported makes. Automatic and Non-Automatic

Similar models can be manufactured as per customer sizes and specifications. The inside combustion chamber could be fabricated with nichrome mesh or ceramic tile.



Custom Built

Similar models can be manufactured as per customers sizes and specifications. The inside combustion chamber could be fabricated with nichrome mesh or ceramic tile.