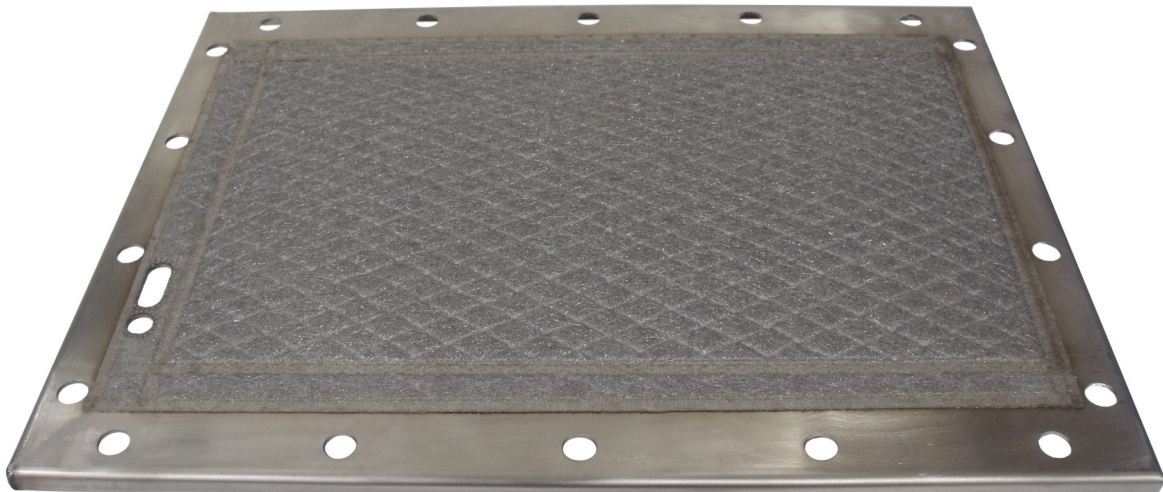




*Leading The Way In Burner Technology*

# FLAT BURNER SERIES

## BURNERTECH FRYERS



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FOR TECHNICAL HELP / ADVICE  
Phone: 01204 393 222  
Email: [info@burnertech.co.uk](mailto:info@burnertech.co.uk)  
Visit: [www.burnertech.co.uk](http://www.burnertech.co.uk)

BURNERTECH ENGINEERS LIMITED  
Unit C, Lostock Industrial Estate, Lostock Lane  
BL6 4BL, Bolton, UK



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# FLAT BURNER SERIES

## BURNERTECH FRYERS

Heat output 5kW– 35kW

We supply our Flat burner fully premixed or atmospheric.

Low NOx

The burners are manufactured to give excellent ignition quality, low pressure drop and meet European and US NOx and CO emissions. The burners are designed to the BS EN 676:2003 standard.

Low CO: < 10ppm

The burners can run in high thermal loading conditions as well as Low thermal Loading conditions (Infrared mode).

Customisable

Precise control of combustion

The metal fibre mesh covering the steel base ensures good thermal protection to the burners. This helps to prevent thermal deformation of the burner thus improving the reliability and considerably prolonging the lifetime of the burner.

Constructed to BS EN 676:2003

The metal fibre mesh significantly reduce the time taken to reach above 800° C surface temperature along with the cooling almost instantaneously.

The Burnertech fryer burner offers a totally homogeneous heating of the oil in the pan, thus reducing cooking time and the amount of oil used. Our range has various sizes and outputs from 5kW to 35kW and also can be fully modulating.

The burners can be fitted to a wide range of application including the highest efficiency boilers and the latest generation of condensation devices.

Our industrial range of Infrared burners are used in the Industrial Bakery sector, Paper Manufacturing, Paint Drying and several other industries.

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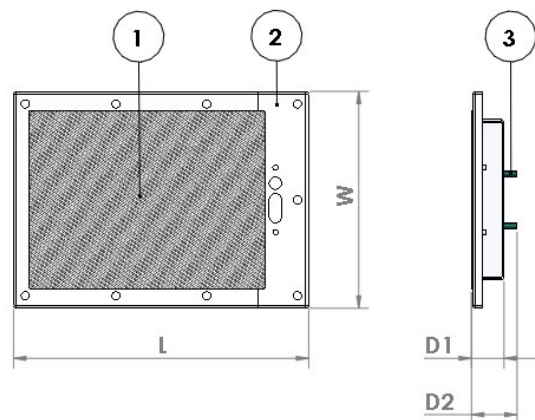
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# FLAT BURNER SERIES

## BURNERTECH FRYERS

### Dimensions

MODEL	L	W	D1	D2	CUSTOMISABLE
	mm	mm	mm	mm	
Burnertech Fryer 40	283	168	32	44	L,W,D1,D2,1,2,3
Burnertech Fryer 80	283	208	32	44	L,W,D1,D2,1,2,3
Burnertech Fryer MK2	440	342	50	70	L,W,D1,D2,1,2,3



### Technical Data

Output Power range:	100kW/m <sup>2</sup> - 2500kW/m <sup>2</sup>
Power min-max:	5kW – 35kW
Modulating	10 : 1
Thermal Load	High / Low (Infrared mode)
NOx level (ppm)	< 10
CO (ppm)	< 10
Noise level:	Low
Construction to:	BS EN 676:2003

### Main Components

- (1) Burnertech Mat and Steel Base
- (2) Burner Frame
- (3) Air / Gas Manifold Studs



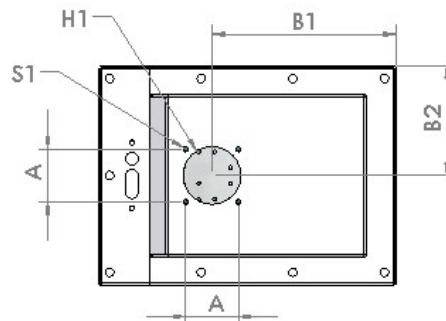
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# FLAT BURNER SERIES

## BURNERTECH FRYERS

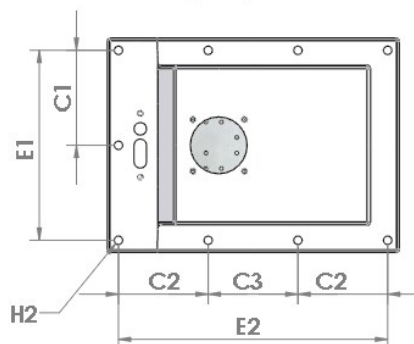
MODEL	A	B1	B2	H1	S1
	mm	mm	mm	mm	mm
Burnertech Fryer 40	50	147	102	Ø55	Ø4
Burnertech Fryer 80	50	175	104	Ø55	Ø4

### Air / Gas Manifold Mounting Dimensions



MODEL	C1	C2	C3	E1	E2	H2
	mm	mm	mm	mm	mm	mm
Burnertech Fryer 40	72	85.5	90	184	261	Ø8
Burnertech Fryer 80	72	87	87	144	261	Ø8

### Burner Mounting Dimensions



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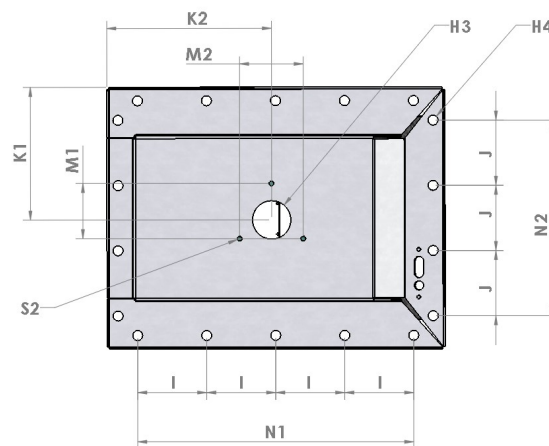
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# FLAT BURNER SERIES

## BURNERTECH FRYERS

MODEL	H1	H2	I	J	K1	K2	M1	M2	N1	N2	S2
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
Burnertech Fryer MK2	Ø4	Ø50	147	39	173	215	Ø50	147	39	50	55

### Air / Gas Manifold and Burner Mounting Dimensions

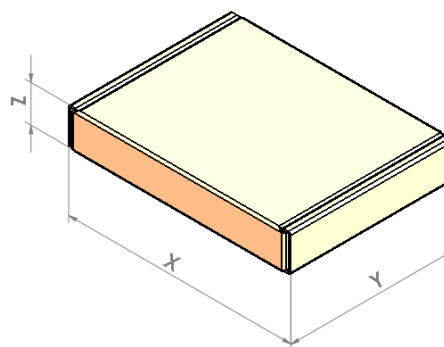


MODEL	X	Y	Z	Weight
	mm	mm	mm	kg
Burnertech Fryer 40	310	220	60	1.8
Burnertech Fryer 80	310	220	60	2.1
Burnertech Fryer MK2	475	345	80	4.4

### Packaging

#### Supplied with:

- Mounting Flange Gasket
- Ignition Electrode
- Ionisation Probe
- Nuts
- Washers
- User Manual



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# FLAT BURNER SERIES

## BURNERTECH FRYERS



A Flat Low NO<sub>x</sub> burner running at low thermal load (Infrared mode).

The successful Falcon Infinity fryer is an example of a typical application where Burnertech flat burners are used.



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