Burnertech

Leading The Way In Burner Technology

CYLINDRICAL BURNER SERIES

LOW NOx BURNERS

FOR TECHNICAL HELP / ADVICE
Phone: 01204 393 222
Email: info@burnertech.co.uk
Visit: www.burnertech.co.uk

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

Leading The Way In Burner Technology

CYLINDRICAL BURNER SERIES

LOW NOx BURNERS

Power Min - Max : 1kW - 3000kW

Low NOx < 15 ppm

Low CO < 10 ppm

Thermal Load: High / Low

Noise: Low

Constructed to BS EN 676:2003

We supply our cylindrical burner fully premixed or atmospheric.

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.

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

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. The metal fibre mesh also reduce the chance of any flashback or overheating of the burner deck.

The size of the burner and the modulation range varies widely, hence the burners can be fitted to a wide range of application including the highest efficiency boilers and the latest generation of condensation device. The Cylindrical burner range varies from 24mm diameter to 340mm diameter with output from 1kW to 3000kW

Our cylindrical range of burners are highly customisable. The metal fibre mats can be optimally selected and different dimensions of the burner can be customised to suite customers specific application.

FOR TECHNICAL HELP / ADVICE
Phone: 01204 393 222
Email: info@burnertech.co.uk
Visit: www.burnertech.co.uk

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

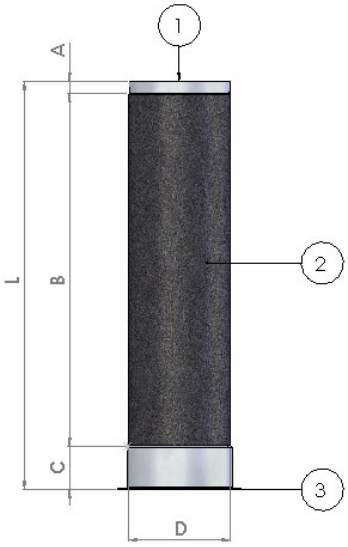
Leading The Way In Burner Technology

CYLINDRICAL BURNER SERIES

LOW NOx BURNER

Technical Data

MODEL	CYLINDRICAL BURNER RANGE
Output Power range:	100kW/m^2 - 2500kW/m^2
Power min-max:	1kW – 3000kW
Modulation	10 : 1
Thermal Load	High / Low (Infrared mode)
NOx level (ppm)	< 15
CO (ppm)	< 10
Noise level:	Low
Construction to:	BS EN 676:2003



MAIN FEATURES
(1) Burner Endcap
(2) Burnertech Metal Fibre and Steel Base
(3) Mounting Flange

Dimensions

Standard External Diameter (D)	Customisable Features	Customisable Dimensions	Maximum Achievable Length (L)
mm			mm
Ø 24	2,3	L	100
Ø 30	1,2,3	A,B,C,L	180
Ø 60	1,2,3	A,B,C,L	480
Ø 65	1,2,3	A,B,C,L	480
Ø 70	1,2,3	A,B,C,L	580
Ø 80	1,2,3	A,B,C,L	580
Ø 100	1,2,3	A,B,C,L	800
Ø 140	1,2,3	A,B,C,L	1000
Ø 168	1,2,3	A,B,C,L	1200
Ø 340	1,2,3	A,B,C,L	1400

FOR TECHNICAL HELP / ADVICE
Phone: 01204 393 222
Email: info@burnertech.co.uk
Visit: www.burnertech.co.uk

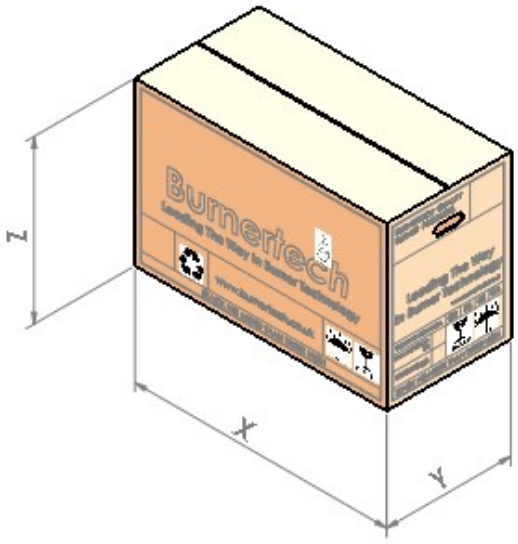
BURNERTECH ENGINEERS LIMITED
Unit C, Lostock Industrial Estate, Lostock Lane
BL6 4BL, Bolton, UK

Leading The Way In Burner Technology

CYLINDRICAL BURNER SERIES

LOW NOx BURNERS

Packaging



Standard External Diameter (D)	X	Y	Z	Weight (Full Box)
mm	mm	mm	mm	kg
Ø 24 - Ø 30	180	250	250	1.4
Ø 60 - Ø 65	600	390	320	18
Ø 70 - Ø 80	790	390	510	22
Ø 100 - Ø 140	790	390	1020	25
Ø 168 - Ø 340	600	600	1500	2.6

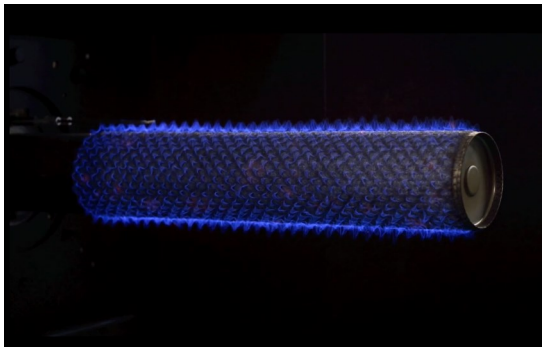
FOR TECHNICAL HELP / ADVICE
Phone: 01204 393 222
Email: info@burnertech.co.uk
Visit: www.burnertech.co.uk

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

Leading The Way In Burner Technology

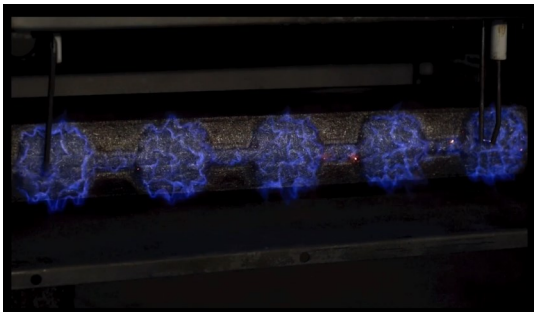
CYLINDRICAL BURNER SERIES

LOW NOx BURNERS



A Cylindrical Low NOx burner running at high thermal load.

A customised burner design to suite clients specific application running at high thermal load.



The successful Hamworthy Upton Boiler is an example of a typical application where Burnertech cylindrical burners are used.

FOR TECHNICAL HELP / ADVICE
Phone: 01204 393 222
Email: info@burnertech.co.uk
Visit: www.burnertech.co.uk

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

Burnertech Combustion
Engineers Ltd.
Unit C, Lostock Industrial Estate,
Lostock Lane, Bolton, BL6 4BL, UK
E: info@burnertech.co.uk
T: +44 (0)1204 393222