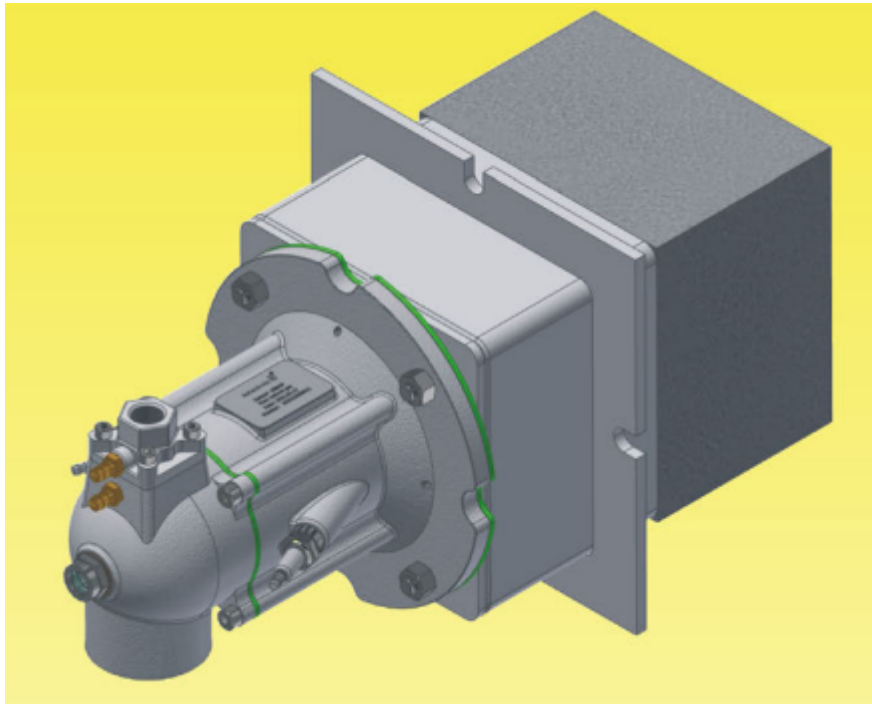




ANX-C/M
Burner



Foshan NUOE Combustion Control Technology Co., Ltd.

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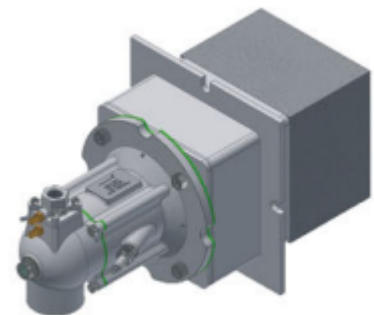
E-mail: [Astechnic @ 163.com](mailto:Astechnic@163.com)

ANX-C/M Aeries Burner

Low nitrogen, ultra-high speed, large regulation ratio

Features

- ANX-C/M Aeries Burner is suitable for applications that enhance combustion gas recycling, improve efficiency, improve temperature uniformity and greatly reduce emissions.
- ANX-C/M Aeries Burner includes medium, high-speed and ultra-high speed flame modes, and the combustion chamber is made of refractory burner brick.
- ANX-C/M Aeries Burner adopts delayed mixing cup structure to delay the mixing process of air and gas in the combustion chamber and reduce the flame temperature in the combustion chamber. At the same time, the faster flame outlet velocity entraps a large amount of flue gas in the furnace, which effectively reduces the formation of nitrogen oxides.
- ANX-C/M Aeries Burner has a load regulation range up to 1:22 and has a strong capacity for air and gas overcapacity.
- ANX-C/M Aeries Burner allows the use of ambient temperature air and preheated combustion air.
- ANX-C/M Aeries Burner is suitable for natural gas, liquefied gas, coke oven gas and other combustion media.



Applications

- Push Steel Heating Furnace
- Walking Heating Furnace
- Stainless Steel Strip Continuous Annealing Furnace
- Trolley Type Heating Furnace
- Bottom Type Low Temperature Tempering Furnace
- Annular Heating Furnace.
- Chamber Heating Furnace

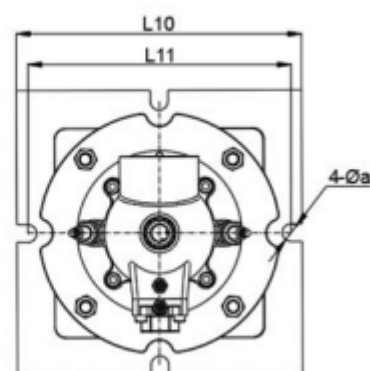
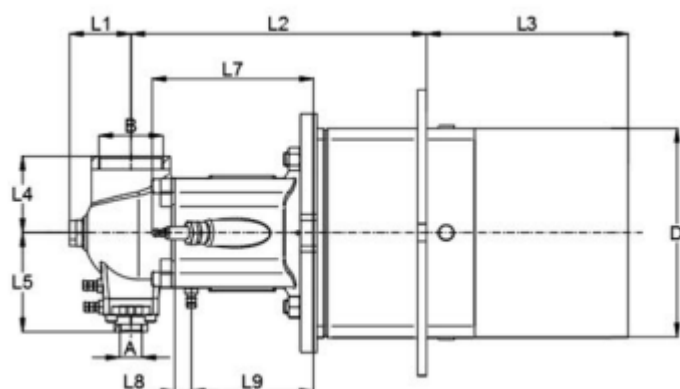
Product Description

- | | |
|---|---|
| □ Air shell: Q235 | □ Maximum preheating air temperature: 450°C |
| □ Material material for air inlet pipe: Q235 | □ Power: 66~1240KW |
| □ Applied maximum furnace temperature: 1200°C | □ Air inlet pressure: 46mbar |
| □ Fire pipe material: SUS 310S | □ Gas inlet pressure: 32mbar |
| □ Combustion Chamber Material: Burner brick | □ Fuel: NG /COG |
| □ Combustion head: SUS 310S | □ Adjustment ratio: 1: 22 |
| □ Fixed flange: Q235 | |

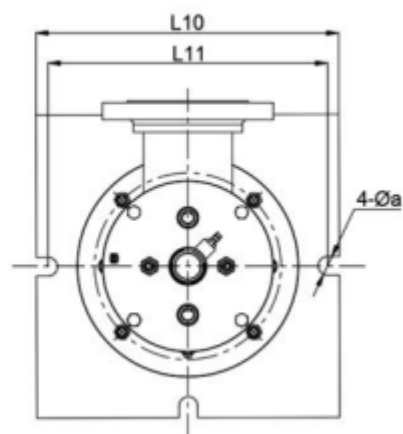
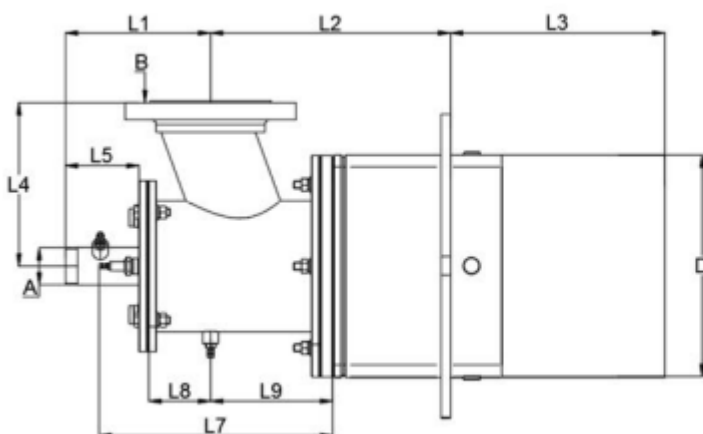
Ignition and Flame Monitoring

- The ignition of the burner can be realized by the ignition electrode (Model EN or WAND).
- UV ultraviolet and ion electrodes can be selected for flame detection.
- When the burner is used in the furnace where the temperature is lower than 750 °C, it is recommended to install a flame detection system.

Installation Dimensions of Burner



Model	Maximum Power/KW	Dimension/mm													
		A	B	L1	L2	L3	L4	L5	D	L7	L8	L9	L10	L11	a
ANX-C/M-66	66	Rp3/4	Rp1 1/2	35	82	225	56	66	191	110	23	84	254	228	12
ANX-C/M-108	108	Rp3/4	Rp2	35	82	276	56	66	273	110	23	84	336	310	12
ANX-C/M-185	185	Rp1	Rp2	52	81	284	70	84	273	132	41	103	336	310	14
ANX-C/M-185	265	Rp1 1/2	DN65	52	95	283	70	84	330	132	41	103	393	367	14



Model	Maximum Power/KW	Dimension/mm													
		A	B	L1	L2	L3	L4	L5	D	L7	L8	L9	L10	L11	a
ANX-C/M-343	343	Rp1 1/2	DN80	95	126	283	62	80	330	135	72	126	393	367	14
ANX-C/M-425	425	Rp 2	DN100	120	154	338	74	90	330	152	88	154	393	367	14
ANX-C/M-554	554	Rp 2	DN100	120	154	338	74	90	330	152	88	154	393	367	14