

Catalytic incineration for gourmet and speciality roasting

Innovative products across exhaust air

ReiCat stands for experience and innovation in the field of exhaust air. ReiCat develops and produces systems according to the legal provision to purify harmful waste gases and to eliminate odours.

Your application

- In the coffee roasting process harmful and bad smelling waste gases develop.
- Neighbours complaining?
- Official directives looming?
- This catalyst has been designed especially for the needs of gourmet and speciality roasters.
- It is suitable for drum roasters up to 50 kg and waste air capacity from approx. 400 up to 1,000 Nm³/h.

Your advantages

- Total removal of roasting odour
- Removal of smoke plumes
- Effective reduction of pollutants
- Simple upgrade for existing roasters
- Easy handling
- Low operation costs
- Low maintenance
- Integrated safety concept

Our solution

- Conversion of waste gas harmful for health and environment into harmless and odourless components (carbon dioxide and humidity)
- Trouble-free retrofit for all roaster types possible - so for your roaster as well!
- Delivery as „plug and play“ system



FOR MORE INFORMATION PLEASE CONTACT:

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Delivery scope & Technical data

1	Catalyst chamber	1200 x 600 x 700 mm (without insulation)
2	Inlet and outlet flange	DN 150 DIN 24154 R2 T2
3	Sealings	DN 150
4	All-purpose mounting	590 x 550 x 157 mm
5	Insulation jacket	approx. 100 mm thickness, all around
6	Burner control	400 x 300 x 200 mm
7	Gas burner	44/65/110 kW
8	Gas control section / gas train	incl. pressure controller, connection Rp 1/2"
9	Prefilter* (optional)	Connection DN 150 DIN 24154 R2 T2 * does <u>not</u> replace the essential on site cyclone filter
10	Temperature measuring point inlet/outlet	with display on burner control cabinet
11	Pressure measuring point	Measuring scale 0...10 mbar

Waste air amount	Maximum burner capacity	Pressure loss across complete system
400 Nm ³ /h	44 KW	1.5 mbar
600 Nm ³ /h	65 KW	1.8 mbar
1000 Nm ³ /h	110 KW	2.5 mbar

Total weight of the system: 72 kg
Weight incl. insulation approx. 97 kg



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