

## Catalytic incineration for coffee shop roasting

### Innovative products across exhaust air

ReiCat stands for experience and innovation in the field of exhaust air. The catalytic waste air purification „ReiCatino“ stands out due its compact design. Odours and smoke plumes are removed completely.

#### 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.
- Suitable for drum roasters up to 30 kg and waste air capacity of approx. 400 (depending on roaster).

#### Your advantages

- Total removal of roasting odour
- Removal of smoke plumes
- Simple upgrade for existing roasters
- Monitoring of process temperature
- Easy handling
- Low operation costs
- Low maintenance
- Integrated safety concept

#### Our solution

- An electrical powered circulation blower heats the roasting waste gas to the needed conversion temperature of the catalyst.
- The catalyst turns the smoke plumes and odours into harmless and odourless waste air.
- Our compact catalytic waste gas purification system can easily be integrated into your waste air system - so for your roaster as well!



FOR MORE INFORMATION PLEASE CONTACT

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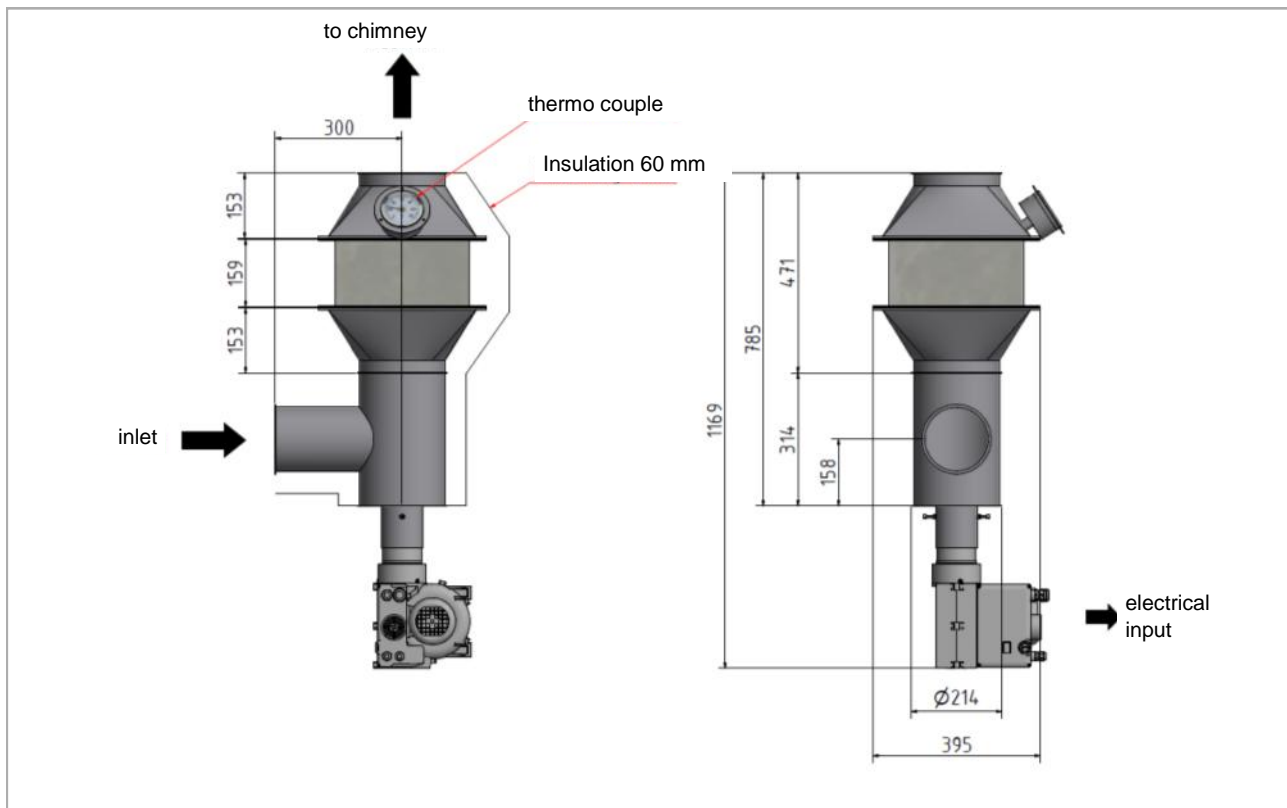


## Catalytic incineration for coffee shop roasting

### Delivery scope & Technical data

- |    |                                 |  |
|----|---------------------------------|--|
| 1  | Catalyst chamber                | approx. 1200 x 600 x 600 mm (with insulation)                  |
| 2  | Catalyst                        | coated ceramic honey comb                                      |
| 3  | Insulation jacket               | approx. 60 mm thickness, all around                            |
| 4  | Power input                     | 3 x 400 V  |
| 5  | Power input blower              | max. 11 kW   |
| 6  | Temperature display             | measurements: 410 x 276 x 231 mm                               |
| 7  | Prefilter*                      | up to 400 °C   |
|    |                                 | optional   |
|    |                                 | * does <u>not</u> replace the essential on-site cyclone filter |
| 8  | Flange / fitting                | optional   |
| 9  | Mounting / Aluminium profile    | optional   |
| 10 | Design for outside installation | optional   |

Waste air amount	Maximum burner capacity	Pressure loss across complete system
100 Nm <sup>3</sup> /h	2 kW	0,1 mbar
250 Nm <sup>3</sup> /h	5 kW	0,3 mbar
400 Nm <sup>3</sup> /h	7 kW	0,5 mbar



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