

ReiCat

Industrial



catalytic air purification

SOLUTIONS DESIGNED
FOR MEDIUM SIZED
AND LARGE COFFEE
ROASTERS

www.reicat-coffee.com

ReiCat Industrial offers a catalytic air purification solution especially designed to meet the needs of medium and large coffee roasters. You can comply with legal regulations for environmental protection and reduce the energy consumption. We guarantee a reduction of VOCs, CO & formaldehyde.

- *Formaldehyde* < 15 mg/Nm³
(<5 mg/Nm³ if required)
- *VOCs* < 50 mg/Nm³
(<20 mg/Nm³ if required)
- *NO_x* < 350 mg/Nm³
(<200 mg/Nm³ if required)
- *CO* < 100 mg/Nm³

ReiCat offers customised air purification solutions to achieve highest purification performance with minimum energy input. If required, you can further minimise nitrogen oxides with our unique VitarNOx® technology (on request).

YOUR ADVANTAGES

- ✓ neutralisation of smoke and odour plumes
- ✓ effective reduction of emissions
- ✓ environmentally-friendly & energy-efficient
- ✓ simple upgrade of existing roasters
- ✓ permanent compliance with legal requirements
- ✓ low maintenance

Do you have trouble?

Smoke and unpleasant odours are occurring during the coffee roasting process

Neighbours are complaining

Authorities impose conditions

ReiCat offers your ideal solution!

Our ReiCat Industrial can easily be integrated into your roasting process - independent of your roaster

The catalyst converts smoke and odour plumes into harmless, odourless air

A gas burner heats up the roasting air to the required conversion temperature of the catalyst

Suitable for roasters from 60 kg up to 720 kg/batch with capacities from 600 up to 7,500 Nm³/h

ReiCat Industrial TECHNICAL DATA

Roasting exhaust air amount

600 Nm³/h - 7,500 Nm³/h

Utility Supply

Gas burner
(burner capacity depends on roaster's
outlet temperature)

Material

Stainless steel

Installation

Suitable for outdoor and indoor installation

*Individual parameters (dimensions, weight,
heating power & input, output flange and
additional components) depend on customer
requirements and can be individually customised*



ADVANTAGES REICAT® INDUSTRIAL



**UNIQUE
VITARNOX®
TECHNIQUE**



**INCLUDED
DISTRIBUTOR***



**COMPACT
MODULES**



**EASY
HANDLING**



**EASY
MAINTENANCE**



**HIGH
PERFORMANCE
SEALINGS**

* for an ideal turbulence creation of the gas

REICAT

Environmental Solutions

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