Welcome to the 21st century
ONE Fire damper actuator
ONE choice

simply ONE

meet ONE
ONE: the obvious choice

- One size fits all
- Sturdy and reliable
- Cost benefit both in purchase and operation
- Certified
One size fits all

CR60
100-315mm

CU2
200*200 mm
1500*1000 mm
Sturdy and reliable

- Impact-resistant engineering grade polymer (dust and splash-proof)
- Micro-processor controlled for a longer product life
- High-efficiency gearing
- Components supplied by leading suppliers

Rf-t has a long expertise in development and production of actuators

ONE choice
Cost benefits

At purchase: attractive price point for both large and small fire dampers

During life-cycle: high energy efficiency extremely low power consumption in stand-by
Savings during lifecycle: site with 50 fire dampers

<table>
<thead>
<tr>
<th>Time</th>
<th>Min savings</th>
<th>Max savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 year</td>
<td>36€</td>
<td>178€</td>
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<tr>
<td>20 years</td>
<td>720€</td>
<td>3.560€</td>
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</tbody>
</table>

€ 0,12/kWh

ONE choice
Savings during lifecycle: site with 500 fire dampers

<table>
<thead>
<tr>
<th>Time</th>
<th>Min savings</th>
<th>Max savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 year</td>
<td>360€</td>
<td>1.780€</td>
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<tr>
<td>20 years</td>
<td>7.150€</td>
<td>35.500€</td>
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€ 0,12/kWh
# Certified solution

## Standards

<table>
<thead>
<tr>
<th>Standards</th>
<th>Application</th>
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<tbody>
<tr>
<td>EN 1366-2</td>
<td>Fire damper test standard</td>
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<tr>
<td>EN15650:2011</td>
<td>Fire damper product standard</td>
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<tr>
<td>ISO 10294-4</td>
<td>Thermal tripping device</td>
</tr>
<tr>
<td>EN 61000-6-3 (2007)*</td>
<td></td>
</tr>
<tr>
<td>2006/42/EC</td>
<td>Machinery Directive</td>
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*: designed and tested in compliance with these standards but not certified as such
Simplicity and convenience

Installation

Maintenance & repairs

Operation & repairs
Installation

Standard electrical connection diagram

Number and color-coded wires

Easy access and small footprint
Integrated triggering device
Operation

Visible status:
Damper blade position indicator
Integrated LED

Battery-powered manual resetting

Smart thermal triggering device
No power needed for testing
No vulnerable connection to the actuator
Second thermal trigger in the actuator housing
(out-of-duct fire)

simply ONE
Maintenance

- Kit for actuator unit replacement
- Standard hex screws for angled Allen wrench
- Easy to replace triggering device
- Inspection opening (with endoscope)
ONE choice

simply ONE

meet ONE
Meet ONE

IP54-housing

Battery access lid with removable thermal tripping device

Small footprint

Damper blade position indicator (now ‘closed’)

Button manual testing

Feedback LED

Overmoulded cable assembly for power and position switches with number and colour coded wires (1m long)
ONE variants

ONE 24V FDCU
ONE 24V FDCB
ONE 230V FDCU
ONE 230V FDCB
# ONE Kits

## Kit mechanism

<table>
<thead>
<tr>
<th>fire damper:</th>
<th>CR60(1s) CR120</th>
<th>CU-LT CU-LT-1s</th>
<th>CR2 CU2, CU2/B</th>
<th>CA2, CU4, CU2-15</th>
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</thead>
<tbody>
<tr>
<td>Kit ONE 24V FDCU</td>
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<tr>
<td>Kit ONE 24V FDCB</td>
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<td>●</td>
<td>●</td>
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<tr>
<td>Kit ONE 230V FDCU</td>
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<td>Kit ONE 230V FDCB</td>
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## Kit fusible link

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Product documentation

- CE declarations: [www.rft.be/dop](http://www.rft.be/dop)
- Classification documents (gradually)
- Installation guidelines (temporary) added to all fire dampers equipped with a ‘ONE’ spring return motor
How to order?

**CU-LT 200 200 ONE T 24 FDCU UL IFW**

1. Product
2. Dimensions (W H)
3. Mechanism ONE
4. Thermal trigger (standard)
5. Nominal voltage
6. Begin and end of position switches
7. Options

**CR60 250 ONE T 230 FDCB**

1. Product
2. Dimensions (W H)
3. Mechanism ONE
4. Thermal trigger (standard)
5. Nominal voltage
6. Begin and end of position switches
7. Options