

# NECO OFFSHORE A/S



FIRE DAMPERS  
SHUT-OFF DAMPERS  
CONTROL DAMPERS  
BACKFLOW DAMPERS  
GUILLOTINE DAMPERS  
WEATHER LOUVRES



# NECO OFFSHORE

DESIGNS AND MANUFACTURES

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- ❑ Fire Dampers
- ❑ Shut-Off Dampers
- ❑ Control Dampers
- ❑ Backflow Dampers
- ❑ Guillotine Dampers
- ❑ Weather Louvres



# NECO OFFSHORE

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- ❑ All of our dampers and louvres are manufactured in 316L stainless steel and can be supplied with various optional automatic and manual control arrangements.
- ❑ When required NECO OFFSHORE can manufacture dampers with low leakage rates in closed position.
- ❑ The leakage rates have been tested by NBI (Norwegian Building Research Institute). Test reports are available on request.
- ❑ NECO OFFSHORE dampers can be customized and manufactured according to customers requirement.
- ❑ We are able to cover all your needs for dampers, and manufacture them to your satisfaction.



# NECO OFFSHORE

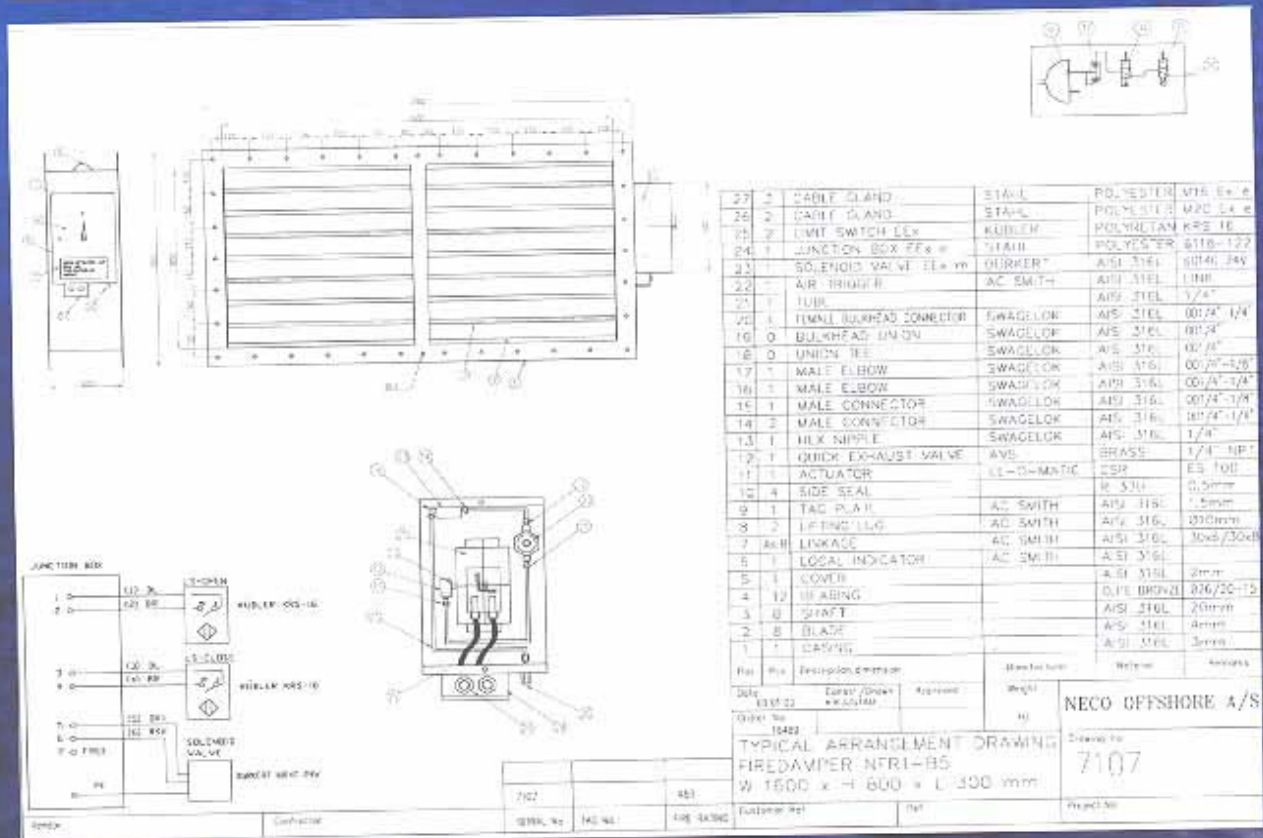
## FIRE AND GAS DAMPERS

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- ☐ The NECO OFFSHORE Fire Damper is tested according to IMO FTPC Part 3, IMO RES.A 754 (18).
- ☐ The NECO OFFSHORE Fire Damper is certified by DNV, Bureau Veritas and Lloyds.
- ☐ The NECO OFFSHORE Fire Damper can be installed in marine, offshore, petrochemical and other applications where certifications is required.
- ☐ The NECO OFFSHORE Fire Damper range can be supplied with fire ratings from A0 to H120.
- ☐ The NECO OFFSHORE Fire Damper is designed to fulfill requirements for installation into ductwork, bulkheads, penetrating walls and floors.
- ☐ The NECO OFFSHORE Fire Damper can either be bolted or welded to the interfacing connections.
- ☐ The NECO OFFSHORE Fire Damper can be delivered in circular or rectangular configuration up to W 4000 x H 3000mm.



# NECO OFFSHORE



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N-1067 Oslo

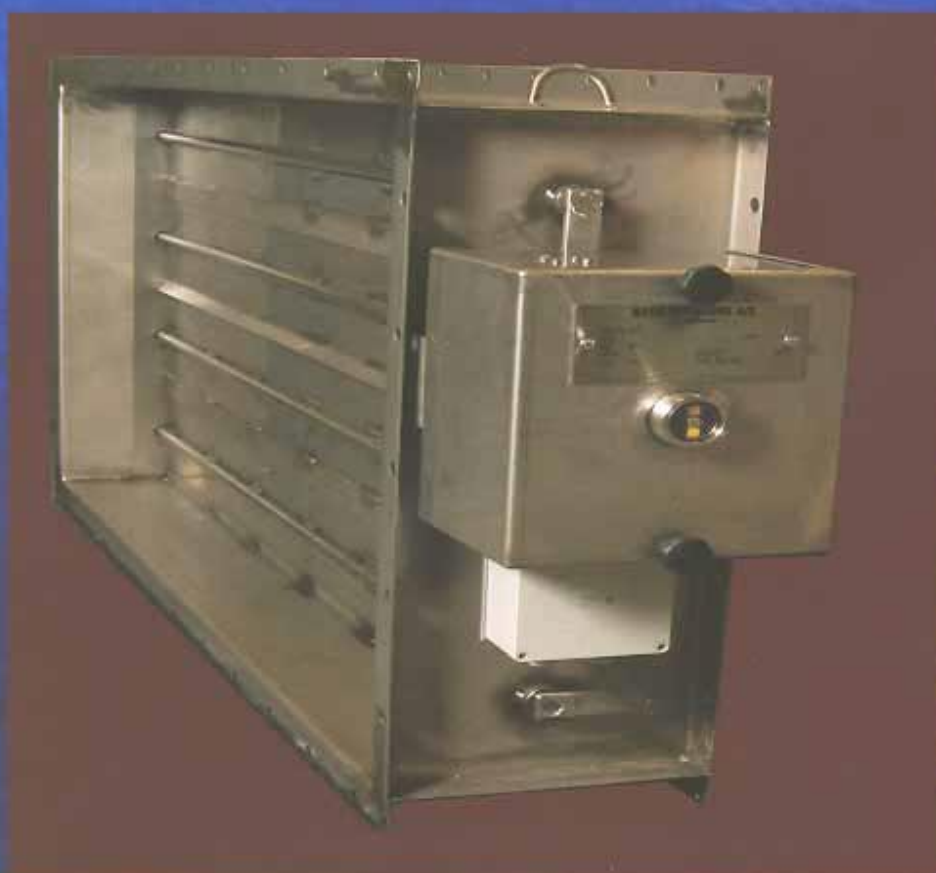
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# NECO OFFSHORE

## SHUT-OFF DAMPERS

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- The NECO OFFSHORE Shut-Off Damper is normally designed for applications where air distribution, isolation and rerouting of air is required.
- The NECO OFFSHORE Shut-Off Damper position is either fully closed or fully open.
- The NECO OFFSHORE Shut-Off Damper can be pneumatically, electrically or hydraulically operated.



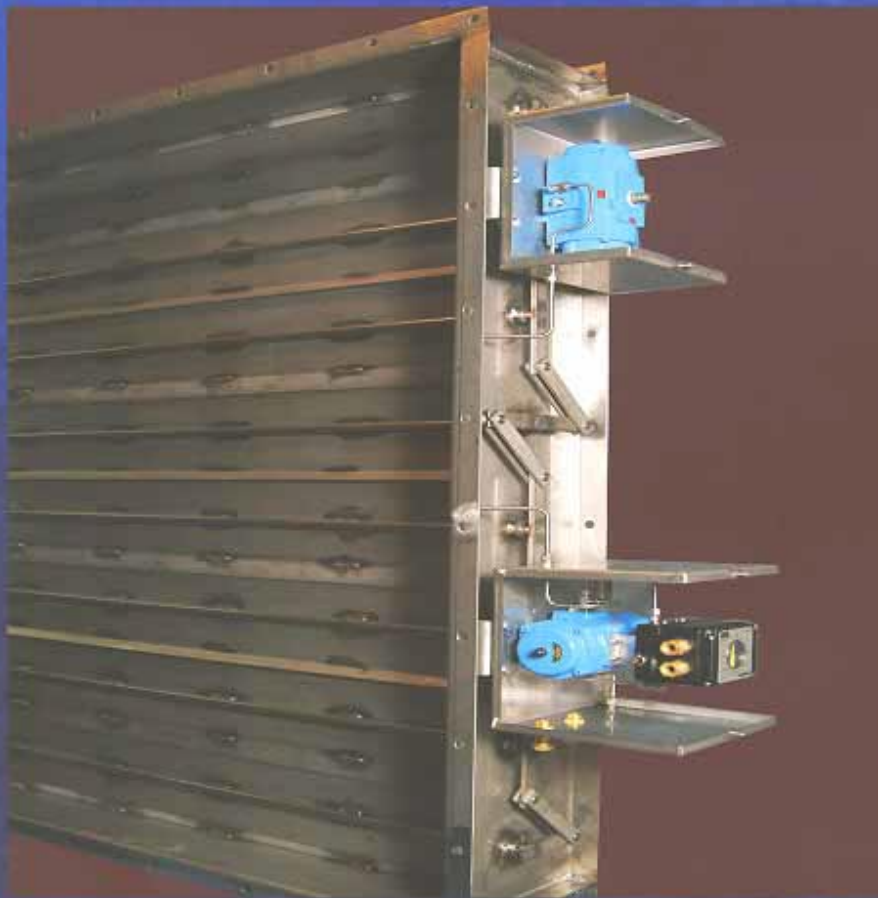


# NECO OFFSHORE

## CONTROL DAMPERS

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- ❑ The NECO OFFSHORE Control Damper can be delivered in different types such as balancing, pressure or volume control damper.
- ❑ The NECO OFFSHORE Control Damper can be hand, pneumatically or electrically operated.
- ❑ The NECO OFFSHORE Pressure Control Damper is installed in ventilation systems where pressure in special areas needs to be controlled.



# NECO OFFSHORE

## BACKFLOW DAMPERS

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- The NECO OFFSHORE Backflow Damper is normally used to prevent air backflow in ventilation systems.
- The NECO OFFSHORE Backflow Dampers balancing weight and the air stream energy opens and balances the damper in correct position.
- The NECO OFFSHORE Backflow Damper closes by the weights of the damper blades and the loss of the air stream.



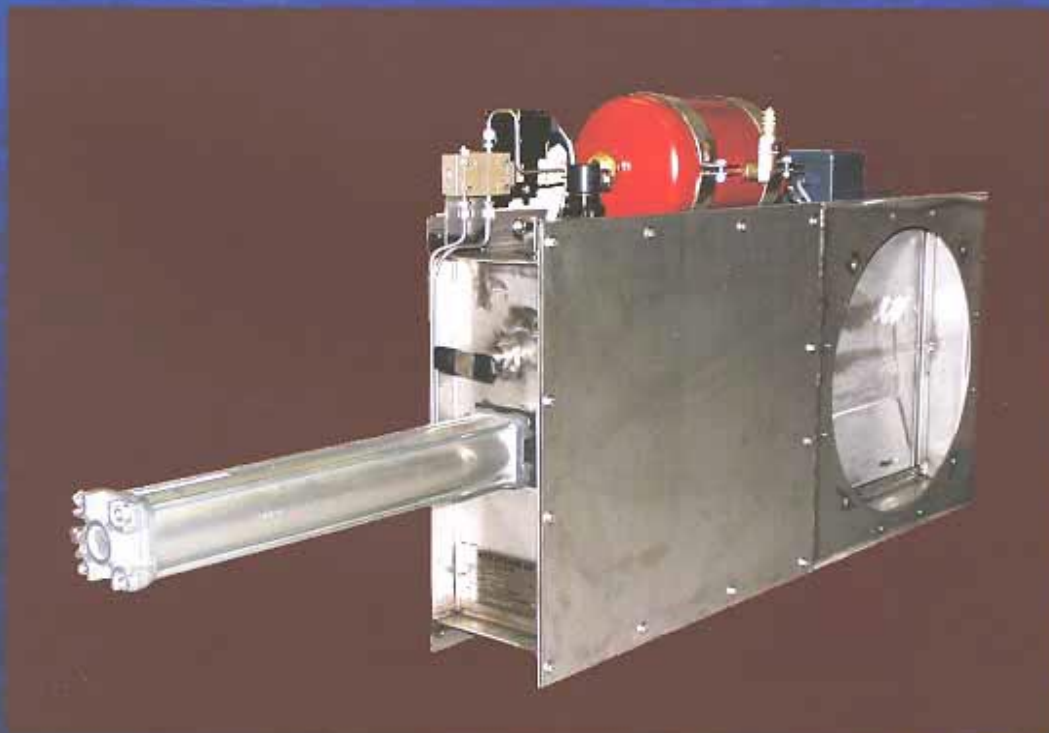


# NECO OFFSHORE

## GUILLOTINE DAMPERS

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- ❑ The NECO OFFSHORE Guillotine Damper is used for sealing off the air flow for maintenance or other purposes.
- ❑ The NECO OFFSHORE Guillotine Damper can be hand, pneumatically or electrically operated.
- ❑ The NECO OFFSHORE Guillotine Damper has been supplied to the offshore, furnace and pulp industry with positive results.



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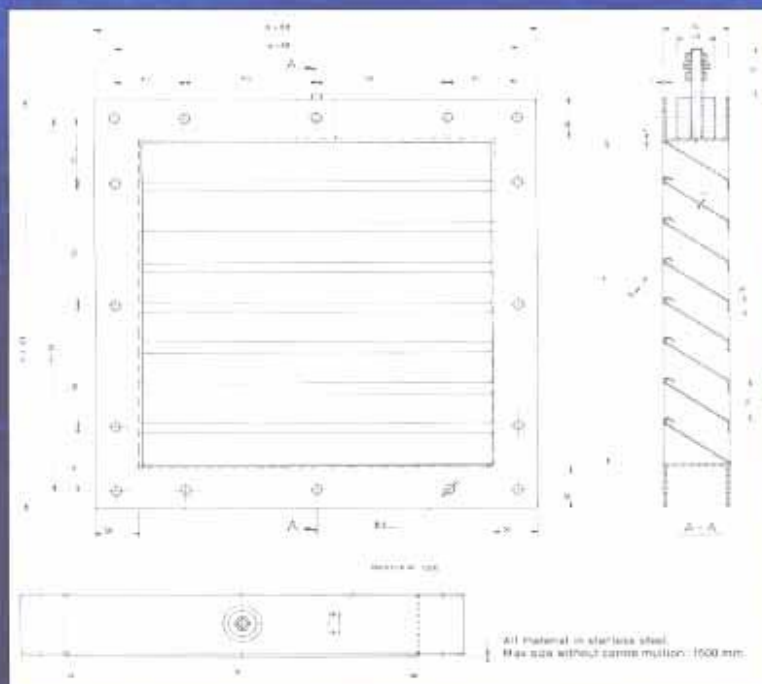
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# NECO OFFSHORE

## WEATHER LOUVRES

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- ❑ The NECO OFFSHORE Weather Louvre is a rigid welded construction.
- ❑ The NECO OFFSHORE Weather Louvre frame is in 4 mm AISI 316.
- ❑ The NECO OFFSHORE Weather Louvre blade is in 2 mm AISI 316, with the louvre blade constructed as a drip nose.
- ❑ The NECO OFFSHORE Weather Louvre can be delivered with an integrated bird mesh.
- ❑ The NECO OFFSHORE Weather Louvre can be manufactured in sizes up to W 4000 x H 4000 mm.





# NECO OFFSHORE

## FIRE TEST

- Fire test IMO FTPC Part 3, IMO Res.A 754 (18) of fire damper at SINTEF, Norway. (The foundation for Scientific and Research at the Norwegian Institute of Technology).



ENCLOSURE 1

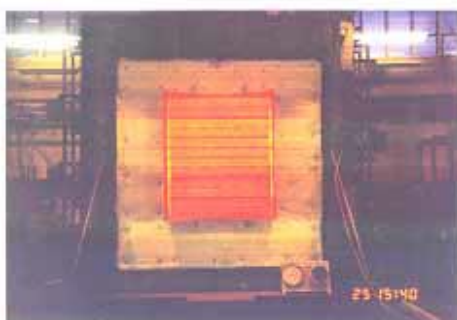


Photo 1.1 - Fire damper test setup at SINTEF



Photo 1.2 - Fire damper test setup at SINTEF

ENCLOSURE 1



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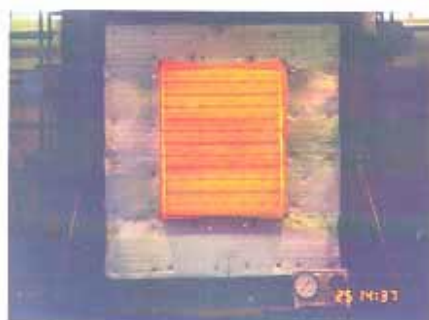


Photo 1.3 - Fire damper test setup at SINTEF

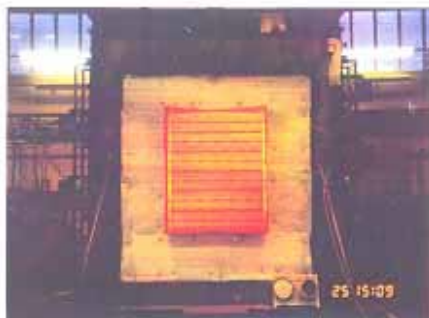


Photo 1.4 - Fire damper test setup at SINTEF

ENCLOSURE 1

# NECO OFFSHORE

A BRANCH COMPANY OF  
A.C. SMITH & CO. A/S.

- A.C. SMITH & CO. A/S is responsible for design and manufacturing of all NECO OFFSHORE products.



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## APPROVAL CERTIFICATES FOR DAMPERS ETC.



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# NECO OFFSHORE

## GALLERY



DAMPER FLANGE



CONTROL DAMPER



MANUAL DAMPER



CIRCULAR FIRE DAMPER



HYDRAULIC FIRE DAMPER



ELECTRIC DAMPER EEx D



# NECO OFFSHORE

SOME OF OUR CUSTOMERS ARE

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Direct Engineering Services Pty Ltd

General Electric Company

Camfil Industrifilter

Semco Maritime

Maritime HVAC

ConocoPhillips

Bunes Trading

Aker Kværner

Marine HVAC

Novenco

Nyborg

Mollier

Alstom

Kaefer

Hydro

Shell

ATC

ABB



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