



NON-RETURN DAMPER, VARIANT ARK

Non-return damper with linkage

# **ER - SELF-POWERED DAMPERS**

# FOR THE FAST AND SIMPLE INSTALLATION OF NON-RETURN DAMPERS AND PRESSURE-RELIEF DAMPERS

Installation subframe for the fast and precise installation of non-return dampers and pressure-relief dampers. Installation subframes with fixing tabs are mortared into the wall opening, then the dampers are fastened to the subframes

- Angle sections made of galvanised steel or stainless steel
- Galvanised steel variant with screw-on fixing tabs
- Stainless steel variant with welded fixing tabs

## Application

#### Application

- For the installation of non-return dampers and pressure-relief dampers in walls and ceiling slabs
- Simplified installation
- The installation subframe allows for the fast, simple and precise installation of non-return dampers and pressure-relief dampers

#### **Nominal sizes**

- B: 200, 400, 600, 800, 1000, 1200 mm (intermediate sizes: 201 1199 mm, in increments of 1 mm)
- H: 345, 675, 1005, 1335, 1665, 1995 mm (intermediate sizes 355 505, 685 835, 1015 1165, 1345 1495, 1675 1825 mm in increments of 1 mm)
- Any combination of B × H

# Description

#### Parts and characteristics

- Installation subframe consisting of angle sections
- Threaded studs or hexagon head screws
- WashersHexagon nuts
- Fixing tab

#### **Materials and surfaces**

#### UL-1, UL-2

- Installation subframe made of galvanised steel (angle section  $35 \times 35 \times 3$  mm)
- Welded fixing tabs with integral nuts, screws and washers made of galvanised steel

## KUL, ARK, ARK2

- Installation subframe made of galvanised steel (angle section  $35 \times 35 \times 3$  mm)
- Screw-on fixing tabs, threaded studs, screws, nuts and washers made of galvanised steel

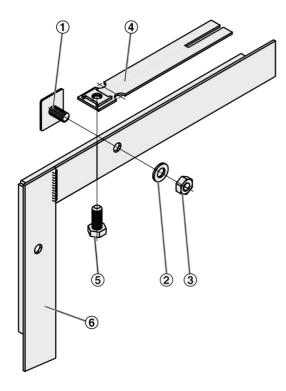
## ARK-A2, ARK2-A2

- Installation subframe made of stainless steel, material no. 1.4301
- Welded fixing tabs, threaded studs, nuts and washers made of stainless steel, material no. 1.4301

# **TECHNICAL INFORMATION**

Function

Installation subframe made of galvanised steel for non-return dampers and pressure-relief dampers



- Threaded stud
   Washer
   Hexagon nut
   Fixing tab
   Hexagon head screw
   Installation subframe

Variants, Dimensions

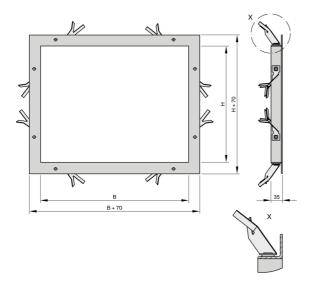
## Installation subframe for non-return dampers and pressure-relief dampers

Description	Туре	
Galvanised steel	UL, KUL, ARK, ARK2	
Stainless steel	ARK-A2, ARK2-A2	

#### Materials

Part	Damper type or variant	Material	Notes
Installation subframe	UL, KUL, ARK, ARK2	Galvanised steel	Angle section frame 35 $\times$ 35 $\times$ 3 mm
	ARK-A2, ARK2-A2	Stainless steel, material no. 1.4301	
Fixing tabs, screws, nuts and washers	UL	Galvanised steel	Welded fixing tabs
	KUL, ARK, ARK2	Galvanised steel	Screw-on fixing tabs
Fixing tabs, threaded stubs, nuts and washers	ARK-A2, ARK2-A2	Stainless steel, material no. 1.4301	Welded fixing tabs

# Installation subframe ready to be mortared in



Before the subframe is mortared in, the fixing tabs must be bent and spread (by others).

#### Installation and commissioning

UL

Before mortaring in the installation subframe

• Bend and spread the fixing tabs

After mortaring in the installation subframe

• Align the non-return damper with the subframe and fasten it

## KUL, ARK, ARK2

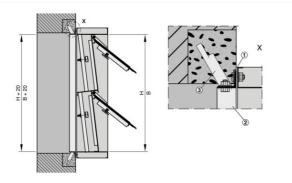
Before mortaring in the installation subframe

- Fasten the threaded studs, washers and nuts to the installation subframe
- Fix the screw-on fixing tabs with hexagon nuts
  Fasten the remaining screw-on fixing tabs (regular spacing, about every 375 625 mm)

After mortaring in the installation subframe

- Unscrew the hexagon nutsAlign the non-return damper or pressure-relief damper with the subframe and fasten it

## Installation in front of internal wall openings



① Threaded stud Installation subframe ③ Fixing tab

Illustration shows ARK2