

BASIC non-return damper

Holder/Issued to

Hagab Industri AB

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Product description

The Basic non-return damper is designed for use in a ventilation system with rigid steel ventilation ducts in conjunction with mechanical supply and exhaust fans operating during a fire. Basic is available in four variants. Basic has a circular steel jacket and comes in the following sizes, for duct diameters 100, 125, 160, 200, 250 and 315 mm, with a self-actuating closing function.

Basic is activated by a change in the pressure differential between the HVAC systems supply air and the pressure in the fire compartment. Basic is to be installed in a ventilation duct.

Other conditions of use are set out in the related documentation.

Intended use

The product is designed to prevent the spread of smoke in a mechanical supply and exhaust (which may include a heat exchanger) ventilation system (HVAC systems) used in buildings.

Trade name

Basic

Approval

The product satisfies the requirements set forth in chapter 8, 4 §, 2 PBL (Swedish Planning and Building Act) in respect of and under conditions stated in this certificate, and is therefore approved in accordance with the provisions of the following sections of the Boverket Building Regulations (BBR), issued by the National Board of Housing, Building and Planning.

HVAC systems *	5:533
HVAC systems	5:526
Microorganisms	6:24
Material	6:11

*Project design must be carried out by qualified staff, see under the heading "Comments" on page 2. The protection time for the smoke is determined by the fire resistance time for the power supply to the HVAC systems fans and other equipment intended to prevent the spread of smoke.

Associated documents

"BASIC 2 Non-return damper, dated 2019-01, 3 pages.

"BASIC 4 Non-return damper, dated 2019-01, 4 pages.

"HAGAB- DESIGN BASIC", dated 2018-11, 8 pages.

"HAGAB – PRODUCT DATASHEET BASIC 2 Non-return damper", dated 2018-09, 2 pages.

"HAGAB – PRODUCT DATASHEET BASIC 4 Non-return damper", dated 2018-09, 2 pages.

Type approval. SC0016-05 | 23.01.2018

RISE Research Institutes of Sweden AB | Certification

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2017-07-05



8P07100



Control

The factory production control (FPC) is monitored by an independent inspection body.
Control agreement: Ref no. 210-99-0055, Inspection body: RISE Research Institutes of Sweden AB.

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents. Further, the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this approval is based.

Manufacturing place

Factory production control includes the following place: Hagab Industri AB, Taberg, Sweden.

Marking

The product is to be marked at the factory.
The marking consists of a label on every counterflow protective device supplied and includes:

Holder/distributor and manufacturing place
Boverket's registered trademark
Certification body and accreditation number
Product type designation
Type approval number
Consecutive manufacture no.
Inspection body

Hagab Industri AB, Taberg, Sweden
†
RISE Certification 1002
Basic
0016/05
no.
RISE

Basis for judgement/approval

Report no. FOI Memo 1190 from the Swedish Defence Research Agency.
Basic drawing documents in accordance with drawing schedule dated 18-12.2018.

Comments

The manufacturer's project design and installation instructions must be included with every product supplied.

The fire protection documentation that must be created in accordance with BBR 5:12 shall set out the method for guaranteeing the function of the counterflow protective device.

The product satisfies air-tightness class 2 according to AMA VVS & Kyl 16, figure QJB/1.
Project design must be carried out by an adequately qualified person, at least commensurate with qualification K according to BFS 2011:17 or equivalent.

This approval supersedes the previous approval with the same number dated 20.03.2017.

Validity

Valid through: 22.01.2024.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Annika Hermodsson

Ingvar Pettersson

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.

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