

HAGAB Inert gas damper IRBB and ICBB

Holder/Issued to

Hagab Industri AB

Box 135, SE-562 02 Taberg, Sweden

Product description

Hagab Inert gas damper IRBB, pressure relief damper, is a rectangular insulated damper with insulated damper blade. Max dimension B×H 1000×800 mm. Fire resistance class EI 60 and EI 120.

Hagab Inert gas damper ICBB, pressure relief damper, is a circular insulated damper with insulated damper blade. Max dimension Ø 630 mm. Fire resistance class EI 60.

Intended use

Inert gas dampers are installed as pressure relief dampers in rooms equipped with stationary extinguishing systems, in order to prevent damage to building structures due to pressure increases from the extinguishing system. The damper is normally closed and thus serves as protection against fire and smoke gases in the event of a fire in adjacent areas.

In the event of a fire, the inert gas damper is activated via the built-in drive unit and opens due to the pressure generated by the extinguishing system. When the calculated atmospheric pressure and the desired concentration of extinguishing agent have been achieved in the fire compartment, the damper closes automatically.

Trade name

IRBB and ICBB

Approval

The products comply with the requirements of Chapter 8, Section 4, item 2 of the Planning and Building Act (2010:900), in the respects and under the conditions specified in this type approval. The approval covers the parts of the Swedish National Board of Housing, Building and Planning's (Boverket's) regulations and general recommendations specified below:

Boverket's Building Regulations (BBR) (BFS 2011:6 as amended up to and including BFS 2024:5) ¹:

Fire resistance class EI 60 / EI 120

BBR 5:231

¹ May be applied to the extent stated in the transitional provisions of Boverket's regulations BFS 2024:14.

Associated documents

"ICBB Inertgasspjäll Installation, drift och skötsel", dated 2025-11.

"IRBB Inertgasspjäll Installation, drift och skötsel", dated 2025-11.

"ICBB Inertgasspjäll Datablad", dated 2025-11.

"IRBB Inertgasspjäll Datablad", dated 2025-11.

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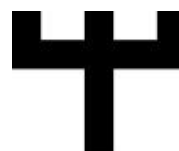
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Control

The factory production control (FPC) is monitored by an independent inspection body.

Control plan: "Kontrollanvisningar till Inertgasspjäll IRBB, ICBB och Backströmningsskydd Basic",
2016-12-09, Inspection body: RISE

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 type 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 type approval is based.


Manufacturing place

Production control includes the following place:

Hagab Industri AB, Industrivägen 5, SE-562 41 Taberg, Sweden

Marking

The products are to be marked at the factory. The marking consists of a sign, label or text on every product supplied and includes:

Holder	Hagab Industri AB
Manufacturing place	Taberg, Sweden
Product type designation	IRBB or ICBB
Consecutive manufacture no./date of production	no./date
Type approval number	SC0001-13
Boverket's registered trade mark	
RISE Accreditation number	1002
Inspection body	RISE

Basis for approval

Report no. PX01502, P906140, P906144, P906146, PX01504, 94R12500, 94R12482 och 3P03571 from SP.

Classification report no. O100408-170403-1 and O100408-170403-2Rev1 from RISE.

Drawing list for ICBB according to drawing list dated 2018-11-21.

Drawing list for IRBB according to drawing list dated 2018-11-23.

Comments

Associated documents shall accompany the product or by other means be available to users of the product.

This type approval supersedes the previous type approval with the same number dated 2023-11-17.

Validity

Valid up to and including 2030-11-27.

The validity of this type approval can be verified at RISE homepage.

The validity of this type approval expires when the type approved products with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011 or 2024/3110.



Stefan Coric

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

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