



EI120XTmulti+

The perfect solution for passing through different fire compartments and multi-sector fire smoke control applications

Double-wall stainless steel modular chimney with outer seal or sealing ring, and 100 mm low-density mineral wool insulation in between

FIRE RESISTANCE CLASSIFICATION: Multi-sector EI 30 to EI 120 (ve-ho)

The EI120XTmulti+ has been tested in accordance with the EN 1366-8 standar for smoke extraction applications, and classified as follows « Fire Smoke Control duct » according to EN 13501-4 EI 120 (ve-ho) S500multi

Benefits

EI 120 Certification

It is part of the specific fire resistance classification as Fire Smoke Control duct according to EN 1366-8 standar for smoke extraction applications, and classified as follows « Fire Smoke Control duct » according to EN 13501-4 EI 120 (ve-ho) S500multi

Easy installation

The assembling system between parts facilitates their installation, speeding up times and guaranteeing gas tightness. Assembly without the need for press-fitting

CE Fire Smoke Control Marking

The DINAK XT MULTI+ range is CE marked in accordance with standard EN 12101-7, specifically for smoke extraction applications.

0370 CPR 1915

Technical features

Generic

Guaranteed minimum fire resistance of 120 minutes

Overlap: 40 mm

Sealing of the joints between elements by means of external silicone seal (Ø80/280 to 500/700) or sealing ring sealed with neutral silicone resistant to high temperatures (Ø550/750 to 800/1000 mm)

No thermal bridging and individual absorption of internal wall expansion in each element without the need to install compensators and additional fixed points

Safety end of all parts for increased safety and mechanical strength

Removable

Temperature classes

With outer seal: Up to 600 °C (T600)

With inner seal: Up to 200 °C (T200)

Materials and thicknesses

Inner wall:

AISI 304 BA (1.4301) or AISI 316L BA (1.4404) stainless steel

Thickness:

0.4 mm from Ø80/280 to 600/800 mm

0.6 mm from Ø650/850 to 800/1000 mm

Outer wall:

AISI 304 BA (1.4301) or AISI 316L BA (1.4404) stainless steel

Thicknesses:

0.4 mm from Ø80/280 to 175/375 mm

0.5 mm from Ø200/400 to 450/650 mm

0,6 mm from Ø500/700 to 800/1000 mm

Stainless steel AISI 409L BA (1.4512) "consult Dinak"

Thicknesses:

0.4 mm from Ø80/280 to 175/375 mm

0.6 mm from Ø200/400 to 600/800 mm

Insulation:

Low density mineral wool insulation with a thickness of 100 mm

Sealing classes

With external seal: H1 (up to 5,000 Pa overpressure)

With internal seal, DN ? 600: P1 (up to 200 Pa overpressure)

With internal seal, DN > 650: N1 (up to 40 Pa overpressure)

∅ Diameters

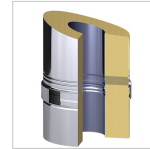
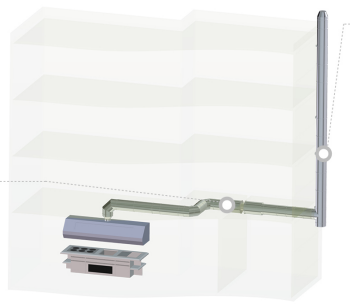
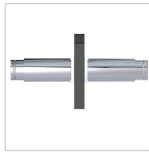
80/280	100/300	125/325
150/350	175/375	200/400
250/450	300/500	350/550
400/600	450/650	500/700
550/750	600/800	650/850
700/900	750/950	800/1.000

✓ Certifications



 **Assembly**

The fire compartmentation passage must be carried out in the same way as in fire resistance tests to ensure, together with the duct, that the fire resistance of the penetrated element is maintained and not compromised. In the DINAK EI120+ range these are the sealing elements in their version for horizontal passages (SAG+SBH) as well as for vertical passages (SAG+SBV).



Optimal gas-tightness characteristics, as well as excellent stability, mechanical resistance and robustness thanks to its constructive design.

Do you want more information about **EI120XTmulti+**?

Contact us

sales@dinak.com

+34 986 45 25 26