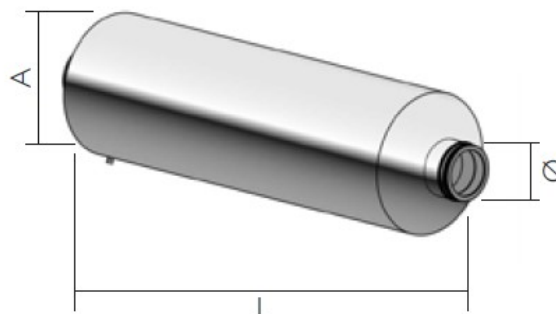




Resonance Silencer with Gasket - 25 db



ICS 5000 is a multi-functional twin wall insulated venting system, which is suitable for internal and external use on a wide range of engineering, combustion and process equipment, including heating appliances, diesel generators, CHP systems and service ducting.

ICS 5000 comes with a high quality specification as standard with a 316L Grade Stainless steel liner, high performance mineral blanket insulation and a bright annealed 304 Grade stainless steel outer case.

The thermal insulation blanket ensures continuous insulation over the entire effective length of the liner, ensuring fast priming to normal operating temperatures, whilst maintaining low external surface temperatures.

PRODUCT DESCRIPTION

Ø	100	130	150	180	200	250	300	350	400	450	500	600
L	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
A	400	450	500	600	650	700	850	950	1000	1100	1150	1350
kg	65	75	86	108	120	132	850	950	1000	1100	1150	1350
SAP Code	COA	COA	COA	COA	COA	COA	COA	COA	COA	COA	COA	COA



Performance chart is an average measurement over all diameters.

The insertion loss is measured according to ISO 7235: 2003

The insertion loss can deviate due to temperature or special installation situations.

Back pressure is approx. 300 Pa at 15m/s or 2300 Pa at 50 m/s

Back pressure can vary with temperature and gas velocity, please contact Schiedel Technical Dept for advice.

EXTRA OPTIONS

Brackets (installation direction to be specified on order)

Radial / axial inlet

Radial / axial outlet

(certified) spark arrestor

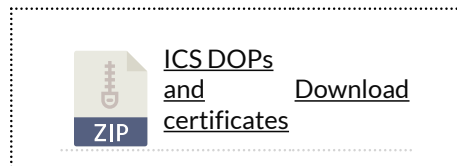
Flanged

STANDARD OPTIONS

condensate drain



lifting eyes



Schiedel is the first European chimney manufacturer to have performed the tests according to this latest fire resistance standard for chimneys. European standard BS EN 1366-13:2019 "Fire resistance tests for service installations, Part 13: Chimneys" and has reached EI 120 classification for our Double Wall Insulated System Chimney ICS in a closed scenario (type A) for both vertical and horizontal set-ups.

ICS 5000 is tested and approved in both 25mm and 50mm variants to BS EN 1856-1 as a System Chimney and to BS EN 1856-2 as a connecting flue pipe with the following designations

System Chimney BS EN 1856-1 (TÜV 0036 CPR 9195 027)

ICS25 5000

T600 H1 D V3 L50050 O75* T200 H1 W V2 L50050 O50**

*Distance to Combustibles

- *Ø80-Ø300 distance – 75mm
- *Ø350-Ø450 distance – 112.5mm
- *Ø500- Ø600 distance – 150mm
- **Ø80-Ø200 distance – 50mm

ICS50 5000

T600 H1 D V3 L50050 O25*

*Distance to Combustibles

- *Ø80-Ø300 distance – 25mm
- *Ø350-Ø450 distance – 37.5mm
- *Ø500- Ø600 distance – 50mm

Connecting Flue Pipe BS EN 1856-2 (TÜV 0036 CPR 9195 038)

T600 H1 D V3 L50050 O100 M

Connecting Flue Pipe BS EN 1856-2 (TÜV 0036 CPR 9195 036)

T600 H1 D V3 L50050 O100 M

EI 120 Fire rating to BS EN 1366-13 Chimneys

ICS25 5000 and ICS50 5000: Horizontal and Vertical

Corrosion testing on Gas, Oil, Solid Fuel (TÜV 0036 CPR 9195 027)

Gastec, MPA, TÜV

