

HS-4N-Frames for HS-Makro and HS-Mikro Filtertypes



HS-4N-Frame

HS-Mounting frames ideally suit for building Filter-walls for highly efficient particle filtration. Single mounting frames can be fitted like modules to establish a wall installation.

Clamping elements in each corner of the mounting frame ensure an even pressure on the installed filter. Each mounting frame comes with 4 clamping elements.

All weldseams are treated for corrosion protection.

HS-4N-Frames can be optionally equipped with a leaktest pipe to ensure tight seat of the filter by putting the groove gasket (gasket with tight seat test ability) of the filter under pressure. The tight seat of the filter is validated by monitoring the leak rate over the gasket.

The mounting system supports worldwide standard HEPA sizes.

Typ	frame size [mm]	filter size [mm]	freight volume [m ³]	weight [kg]
HS-4N-Rahmen - 110 galvanized steel	325×325×350	305×305×150	0,02	3,35
HS-4N-Rahmen - 200 galvanized steel	325×325×350	305×305×292	0,04	5,45
HS-4N-Rahmen - 220 galvanized steel	325×630×238	305×610×150	0,04	4,95
HS-4N-Rahmen - 300 galvanized steel	477×477×238	457×457×150	0,05	4,95
HS-4N-Rahmen - 450 galvanized steel	325×630×350	305×610×292	0,08	8,1
HS-4N-Rahmen - 600 galvanized steel	630×630×238	610×610×150	0,08	6,6
HS-4N-Rahmen - 1000 galvanized steel	630×630×350	610×610×292	0,14	10,75
HS-4N-Rahmen - 1250 galvanized steel	782×630×350	762×610×292	0,17	12,05
HS-4N-Rahmen - 110 Stainless steel 1.4301	325×325×136	305×305×78	0,01	1,55
HS-4N-Rahmen - 220 Stainless steel 1.4301	325×630×238	305×610×150	0,04	4,95
HS-4N-Rahmen - 450 Stainless steel 1.4301	325×630×350	305×610×292	0,08	8,1
HS-4N-Rahmen - 600 Stainless steel 1.4301	630×630×238	610×610×150	0,08	6,6
HS-4N-Rahmen - 830 Stainless steel 1.4301	782×630×238	762×610×150	0,10	7,4
HS-4N-Rahmen - 1000 Stainless steel 1.4301	630×630×350	610×610×292	0,14	10,75

■ **Options:**

- galvanized steel
- stainless steel
- leaktest pipe for gasket tight seat test*

■ **Suitable for filtertypes:**

- HS-Makro
- HS-Makro F
- HS-Makro FV
- HS-Mikro R or S
- HS-Mikro RF or SF
- HS-Mikro RFV or SFV

* Frames with the leaktest pipe option for testing against gasket bypasses have bended a pipe welded in on the clean air side. Please add +30 mm on the total frame depth when choosing this option.

