

# HS-4N HEPA & Finedustfilter holding frame



HS-4N frames ideally suit for building filterwalls for highly efficient particle filtration. Single mounting frames can be fitted like modules to establish a wall installation. HS-4N frames may also be installed in ductings.

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 weld seams 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 holding frame supports worldwide standard HEPA sizes.

Following HS-Filters can be installed:

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



Type	Dim. frame [mm]	Dim filter [mm]	Freight volume [m³]	Weight [kg]
HS-4N-Frame - 110 galvanized steel	325×325×238	305×305×150	0,02	3,35
HS-4N-Frame - 200 galvanized steel	325×325×350	305×305×292	0,04	5,45
HS-4N-Frame - 220 galvanized steel	325×630×238	305×610×150	0,04	4,95
HS-4N-Frame - 300 galvanized steel	477×477×238	457×457×150	0,05	4,95
HS-4N-Frame - 450 galvanized steel	325×630×350	305×610×292	0,08	8,1
HS-4N-Frame - 600 galvanized steel	630×630×238	610×610×150	0,08	6,6
HS-4N-Frame - 1000 galvanized steel	630×630×350	610×610×292	0,14	10,75
HS-4N-Frame - 1250 galvanized steel	782×630×350	762×610×292	0,17	12,05
HS-4N-Frame -110 stainless steel 1.4301	325×325×136	305×305×78	0,01	1,55
HS-4N-Frame - 220 stainless steel 1.4301	325×630×238	305×610×150	0,04	4,95
HS-4N-Frame - 450 stainless steel 1.4301	325×630×350	305×610×292	0,08	8,1
HS-4N-Frame - 600 stainless steel 1.4301	630×630×238	610×610×150	0,08	6,6
HS-4N-Frame - 830 stainless steel 1.4301	782×630×238	762×610×150	0,10	7,4
HS-4N-Frame - 1000 stainless steel 1.4301	630×630×350	610×610×292	0,14	10,75

Please ask for other desired dimensions and designs.

**Form of delivery**      ▪ individual mounting frames that can be assembled to filter walls

**Options**                      ▪ frame alloy: galv. steel, epoxy painted steel, stainless  
  ▪ leak test pipe for gasket bypass test \*

\* 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.

documents might be subject to change / Issue Sept. 2017