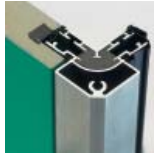


Quality characteristics of the «Greens»

Seven-Air Monobloc Housing

Low energy losses; greatly reduced condensation formation

Thermally separated housing ensures low energy losses.



Minimal air leakage

Door locks and door hinges can be used at any time adjustable and readjustable.



Vibrations up to 95% of the time absorbed

Movable and height-adjustable plinth feet/insulation elements. Time-saving, simple installation..



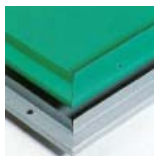
Cost savings during maintenance/conversions

Only metric screws are used for the housing construction. The monobloc can therefore be dismantled or reassembled at any time.



Maximum corrosion protection; long life

Sheathing plates and housing components are powder-coated only after processing.



Powder coating

Standard Seven-Air Green Epoxy EPX 0202. All RAL and NCS colours are available on request.



Housing classifications
according to SN EN 1886 (M)

SAG	SKG-Z/SZG	SKG
T1/TB1	T2/TB2	T2/TB2
60 mm*	50 mm*	40 mm*

*casing frame thickness

Housing dimensions

- Special dimensions in mm increments on request possible

Insulation thicknesses

- The insulation thickness requirements according to „MuKEN“ (model regulation of the cantons in the energy sector) and SIA 382/1 2014 are met in the interior by all equipment series and in the exterior by the SKG-Z, SZG and SAG equipment series.

Hygienic design according to regulations

- SWKI VA104-1, VDI 6022 Sheet 1, ÖNORM H6021 - Hygiene requirements for air handling units
- SWKI VA105-01, DIN 1946-4, ÖNORM H6020 - Air handling units for hospital buildings
- VDI 3803 Sheet 1, DIN-EN 13779 Constructional and technical requirements for air conditioning units

Fire protection

Monobloc enclosures from Seven-Air meet the fire protection requirements of the

- Association of Cantonal Fire Insurers (VKF)
- SN EN 1886

Life Cycle Assessment Monobloc Panels

Seven-Air's PIR composite panels have a 45% lower environmental impact than mineral wool panels.

Hard foam insulation SEVEN-PIR®

- CFC- and HFC-free (ODP = 0.0; GWP = 0.0008)
- Free of chlorine and other halogens
- Non-toxic and non-carcinogenic
- Coefficient of thermal conductivity $\lambda = 0.021$ W/mK

Housing SKG

Heat transfer coefficient	class	T2
Thermal bridge factor	class	TB2
Insertion loss at 250Hz	[dB]	16

Housing SKG-Z / SZG

Heat transfer coefficient	class	T2
Thermal bridge factor	class	TB2
Insertion loss at 250Hz	[dB]	16

Housing SAG

Heat transfer coefficient	class	T1
Thermal bridge factor	class	TB1
Insertion loss at 250Hz	[dB]	14

SKG / SKG-Z / SZG / SAG

Deflection	class	D1
Tightness	class	L1
Filter Bypass Leakage	class	F9