

Roof cap

ST/ST_T



Description

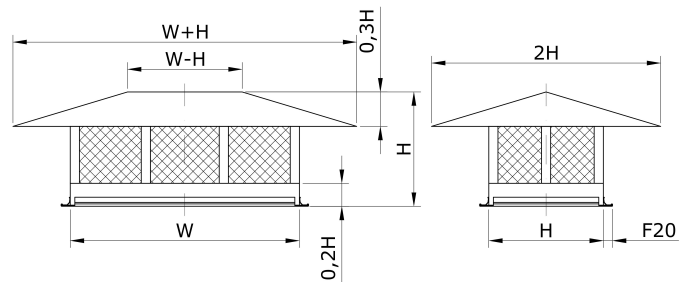
Rectangular roof caps are used to install a ventilation system in buildings together with rectangular ducts. Roof caps are manufactured with a connection flange to the duct. The roof cap can be used for the air intake or exhaust duct on the roof. The roof cap ST is without mesh and the ST_T with mesh to prevent leaves and animals from entering the duct. The roof caps prevents rain from entering the duct in normal weather conditions. The roof does not prevent snow entering. Roof caps can be painted in any RAL colour according to customer's request. The products can be made of: galvanized steel sheet - corrosion class C3-L / C2-M; sheet with aluminium zinc coating - corrosion class C4-M / C3-H; stainless steel sheet AISI 304 (1.4301) or AISI 316L (1.4404) - corrosion class C5. Caps can be used at temperatures from -45 to +85 °C. The maximum permissible absolute humidity inside and outside the air stream is 18 g/kg. If a higher degree of humidity protection is needed, then a painted option should be chosen. When the fan in duct system is switched off, condensation may occur inside, during cold periods.

Ordering code

| |
|--------------------|
|ST200200T |
| Galvanized steel - |
| AISI 304 - NP |
| AISI 316L - 316NP |
| ST - without net |
| Size |
| T - with net |

Sample: ST200200 – made of galvanized steel roof cap, dimensions WxH 200x200 mm without net.

Dimensions



| | W [mm] | H [mm] |
|----------------------------|-----------|-----------|
| Minimum dimension | 100 | 100 |
| Maximum standard dimension | 1200 | 1200 |
| Connection flange | F20 | |

Technical data

| Wight formula, kg (galvanized steel) | W [mm] | H [mm] |
|--|---------------|---------------|
| ST - $m[\text{kg}] = 27 \cdot (W[\text{m}] \cdot H[\text{m}]) + 1,1 \cdot (W[\text{m}] + H[\text{m}]) + 3,3 \cdot (W[\text{m}] \cdot H[\text{m}] + H[\text{m}])$ | Up to 1200 | Up to 1200 |
| ST_T - $m[\text{kg}] = 27 \cdot (W[\text{m}] \cdot H[\text{m}]) + 1,1 \cdot (W[\text{m}] + H[\text{m}]) + 4,1 \cdot (W[\text{m}] \cdot H[\text{m}] + H[\text{m}])$ | Up to 1200 | Up to 1200 |

