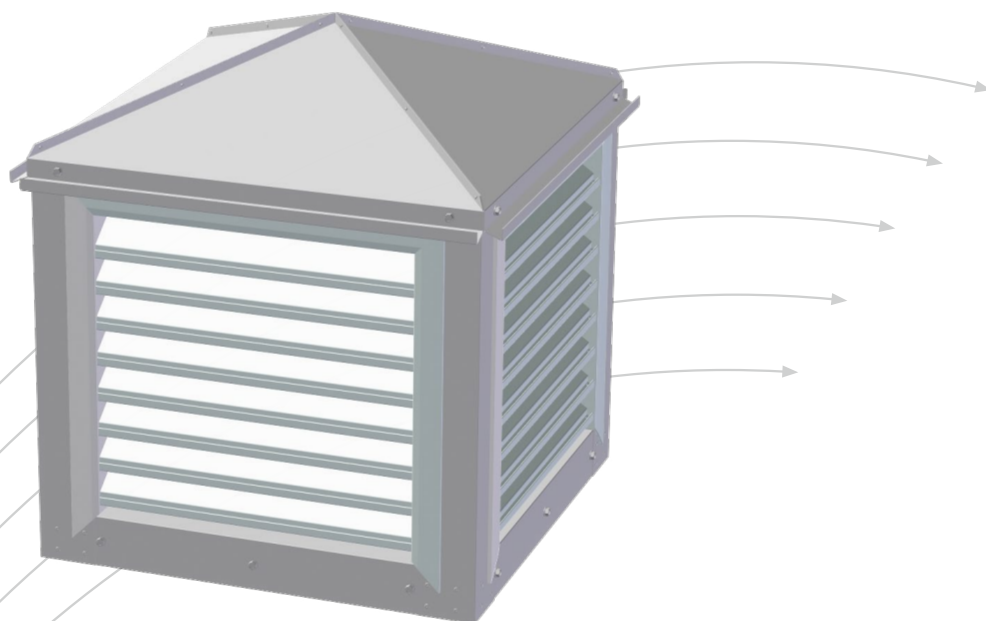# RAT

Roof hood for intake and exhaust

- Waterproof
- Easy to maintain
- Dismantable roof
- Louvres enable balanced airflow

TROX® TECHNIK

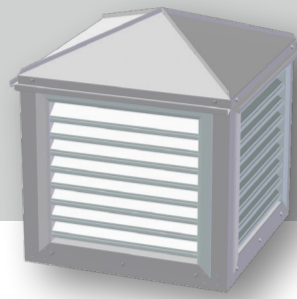## Auranor

RAT

APPLICATION

RAT can be used for both intake and exhaust, and is designed to be mounted on a roof.

DESIGN

RAT is built from a bottom frame made of angle profiles and has RIA outer-wall louvres on all four sides. The louvers have a galvanized steel wire mesh that prevents the direct ingress of rain, leaves, and birds into the ventilation system. To create a balanced airflow and to prevent water ingress, the product is equipped with an drain pipe. RAT is connected using socket measurements in the bottom plate. Insulated connection duct can be supplied as an added feature. The connection duct has an inpermeable bottom plate that allows for the connection of any duct size.
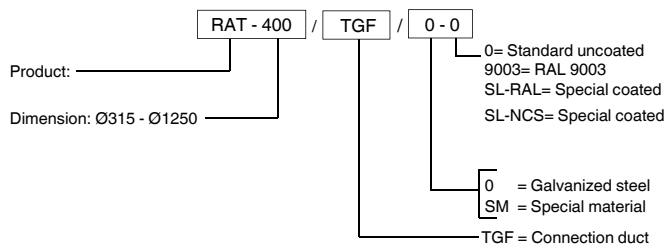
MATERIALS AND SURFACES

RAT is produced in galvanised steel, and the RIA outer-wall louvres are manufactured using aluminium. The connection duct is manufactured in galvanised steel and insulated with mineral wool and glass fibre fabric. RAT can be coated upon request. As speciall materials, it can be supplied in stainless steel, acid-resistant steel, or Magnelis.

QUICK SELECTION

Type	RAT [m³/h]		
	40Pa	50Pa	60Pa
315		1500	
400	2196	2520	2844
500	3168	3600	3960
630	6120	6480	7200
800	9540	10800	11880
1000	14400	16200	18000
1250	22320	25200	28080

Table 1, shows air flow rates in m³/h

ORDER CODE, RAT

RAT - 400 / TGF / 0 - 0

Product:

Dimension: Ø315 - Ø1250

0= Standard uncoated
9003= RAL 9003
SL-RAL= Special coated
SL-NCS= Special coated

0 = Galvanized steel
SM = Special material

TGF = Connection duct

Example:
RAT - 400 / TGF / 0-0

Explanation:
RAT dimension Ø400, supplied with connection duct, galvanized steel, uncoated

DIMENSIONS AND WEIGHTS, RAT

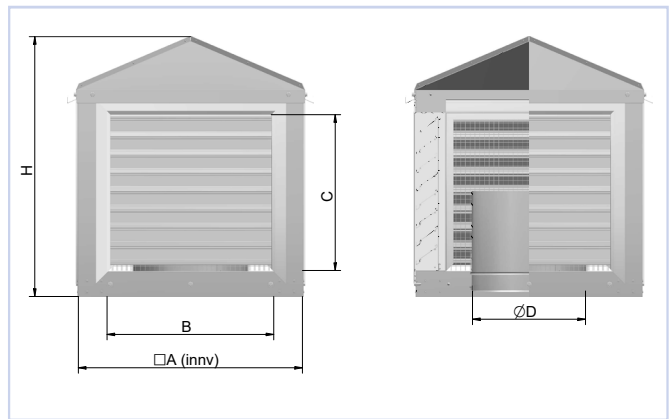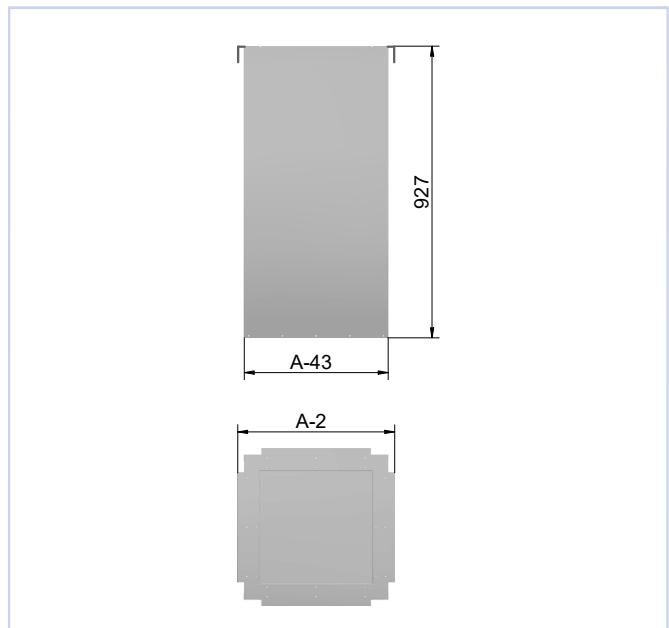| Dim.	D	A	B	C	H	Weight-RAT [kg]	Weight-TGF [kg]
315	314	615	450	430	700	27	40
400	399	700	535	490	780	34	44
500	499	800	635	560	870	43	56
630	629	930	765	650	990	56	67
800	799	1100	935	770	1145	77	82
1000	999	1300	1135	910	1325	106	98
1250	1249	1550	1385	1085	1555	143	119

Table 2

Figure 1: RAT

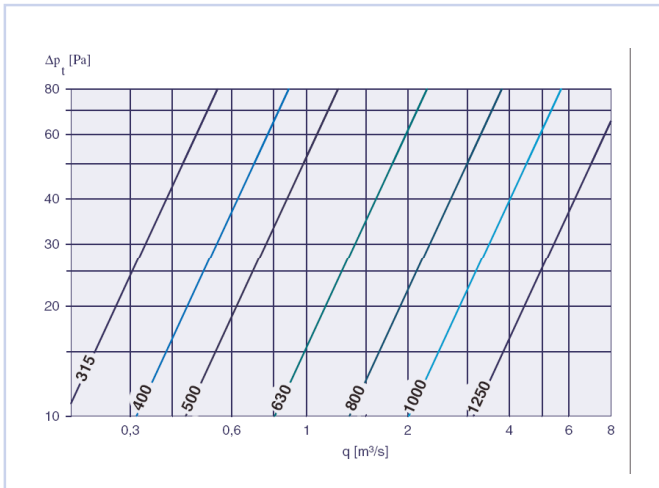

Figure 2: TGF

SIZING DIAGRAM

Diagram 1

INSTALLATION
Mounting instructions are displayed in figure 5 and 6.

MAINTENANCE
The roof of RAT is dismantlable (secured by two screws on each side). This makes the roof hood easy to maintain, both on the inside and the outside.

ENVIRONMENT
Enquiries regarding product declaration can be directed to our sales team, or information can be found on our website: www.trox.no
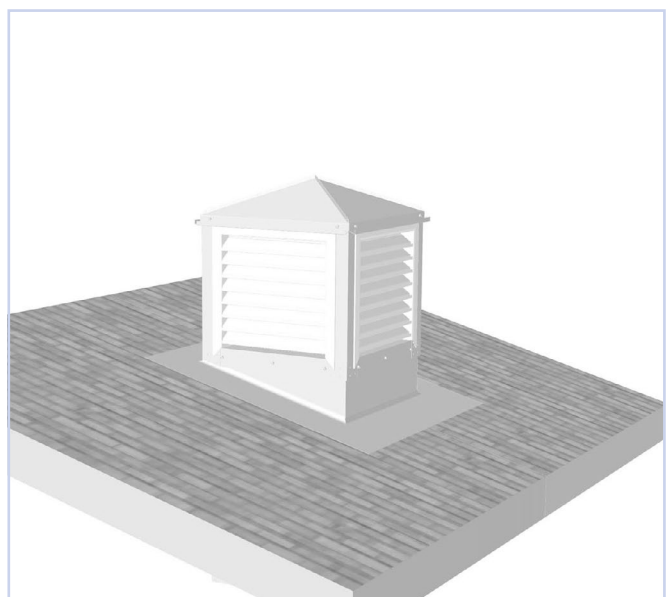

Figure 5: Installation (1)

Figure 6: Installation (2)

RAT is developed and produced by:

The company reserves the right to make amendments without prior notice.