

Roof transition

TGR



Description

Intended for connection to roof hood and roof fan. Available with various types of insulation for condensation or fire protection. Two fixing profiles are supplied to suit the roof pitch.

The upper connection in sizes 100-315 suits roof hood HN, for example.

The upper connection in sizes 400-1200 is supplied without flange and is made so that you can use the enclosed mating flange from roof hood HF for instance.

TGR can as addition be provided with two through-connections for electric power and control voltage.

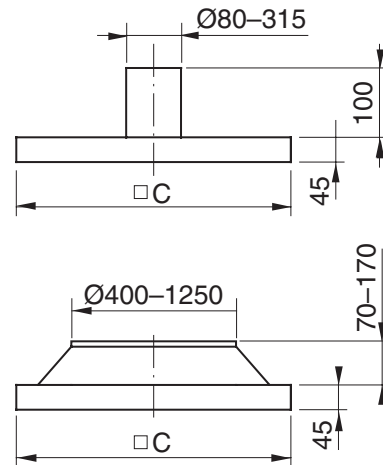
TGR is manufactured as standard from galvanized steel sheet Z275, but is also available in aluminium zinc AZ 185, stainless steel sheet 1.4301, stainless acid-resistant steel sheet 1.4404 or painted.

The duct connection is supplied with RJFP joint for guiding.

Dimensions

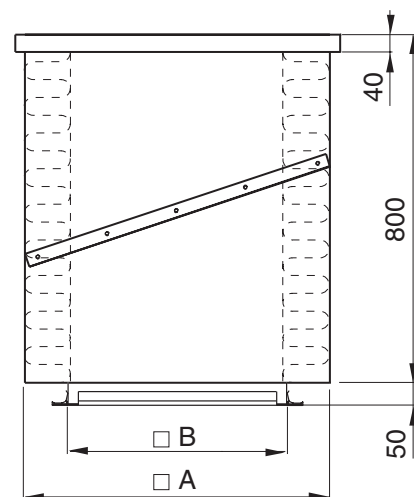
TGR-OA

- Upper connection



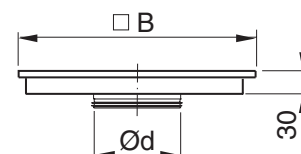
The C-measure of the upper connection (TGR-OA) shall fit the A-measure of the roof transition (TGR).

TGR



TGR-NA

- Lower connection



Roof transition

TGR

Dimensions

Size	B mm			C mm	Weight kg	
	A mm	50 mm insul.	100 mm insul.		50 mm insul.	100 mm insul.
3	300	200	100	400	16,9	21,9
4	400	300	200	500	22,9	30,1
5	500	400	300	600	29,7	39,2
6	600	500	400	700	37,4	49,6
7	700	600	500	800	43,9	58,4
8	800	700	600	900	50,3	67,1
9	900	800	700	1000	59,2	78,8
10	1000	900	800	1100	65,9	87,9
11	1100	1000	900	1200	72,7	97,0
12	1200	1100	1000	1300	82,6	110,3
13	1300	1200	1100	1400	99,1	129,9
14	1400	1300	1200	1500	124,8	159,1
15	1500	1400	1300	1600	138,9	177,2
16	1600	1500	1400	1700	153,8	196,3

Hole punching dimensions (A + 20 mm) × (A + 20 mm)

Ordering example

	TGR	3	1	2	1
Product					
Size					
Type of insulation					
Fire protection 50 mm		1			
Fire protection 100 mm		2			
Condensation 50 mm		3			
Internal cladding of insulation					
Zink plated steel		1			
Zink plated perf. steel		2			
Aluzink sheet metal AZ 185		3			
Aluzink sheet metal AZ185 perf.		4			
Stainl. acid-res. steel 1.4404		5			
Stainl. acid-res. steel perf. 1.4404		6			
No internal cladding (Only applicable at condensation insulation)		7			
Stainless steel 1.4301		8			
External material					
Zink plated steel		1			
Aluzink sheet metal AZ 185		2			
Stainl. acid-res. steel 1.4404		3			
Stainless steel 1.4301		4			

Accessories

Upper connection	TGR-OA	3	125	1
Product				
Size				
Hood dimension				
Material				
Zink plated steel		1		
Aluzink sheet metal AZ 185		2		
Stainl. acid-res. steel 1.4404		3		
Stainless steel 1.4301		4		





















Lower connection	TGR-NA	3	125	1	50
Product					
Size					
Connection Measure					
Material					
Zink plated steel		1			
Aluzink sheet metal AZ 185		2			
Stainl. acid-res. steel 1.4401		3			
Stainless steel 1.4301		4			
Insulation thickness					

Upper connection only for roof hood VHL

	TGR-VHL	-	3	-	125	-	1
Product							
Size							
Hood dimension							
Material							
Zink plated steel			1				
Aluzink sheet metal AZ 185			2				
Stainl. acid-res. steel 1.4404			3				
Stainless steel 1.4301			4				

Upper connection only for roof hood LHR

	TGR-LHR	-	5	-	400	-	400	-	1
Product									
Size									
A mm									
B mm									
Material									
Zink plated steel			1						
Aluzink sheet metal AZ 185			2						
Stainl. acid-res. steel 1.4404			3						
Stainless steel 1.4301			4						

	VH	HN	H	HU	VHA	VHP	HV	VHL	LHR	HVR	HRR		
Roof hood													
Roof transition connection piece, upper	TGR-OA 						TGR-VHL 	TGR-LHR 					Sits around the roof transition
Roof transition	TGR 										UG 	Roof weather protection, inner	
											MG / MGL 	Vapour membrane	
Roof transition connection piece, lower	TGR-NA 												
Ducting	SR 						LKR 						

This diagram shows principally all possible combinations of how the products can be joined together. Normally only one alternative is chosen and sometimes some options are omitted.

For some combinations the needed size of a product isn't presented in the catalogue. In these cases the size needed most often can be produced and delivered to order.