

Ventus Roof Terminal 200-180 Flat Roof

Article number: 169881

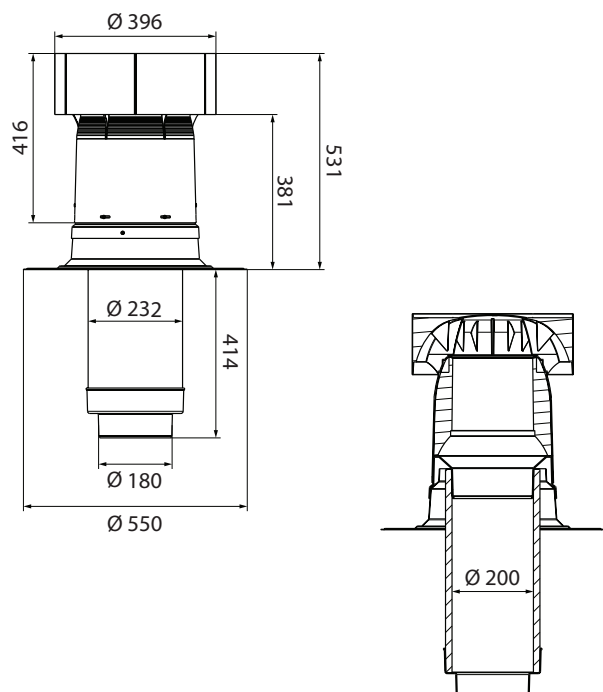
Product introduction

The Ventus is a new generation of clever insulated roof terminals developed for heat recovery ventilation systems for residential and small commercial buildings. It comes in four installation kits for either a range of pitched or flat roof applications. Excellent performance on pressure loss comes standard and contributes to a higher ventilation efficiency and lower energy consumption thus saving costs for the homeowner.

The Ventus is a smart and sustainable choice for heat recovery ventilation systems and a range of other ventilation applications.

- Quick and easy installation due to clever perpendicular roof penetration
- Designed to fit to Aerfoam 160 mm & 200 mm (adaptors to fit to 150 mm and 180 mm)
- High performance, optimised pressure loss
- Smart design prevents snow and rain ingress by higher outlet and smart drains

Product dimensions



Ventus Roof Terminal 200-180 Flat Roof

Article number: 169881

Technical specifications

Specifications	
Technical	
Colour	Black
Insulated	☒
Airflow direction	Supply / extract
Installation	
Roof type	Flat
Roof angle (min.)	0 °
Roof angle (max.)	0 °
Dimensions	
Length gross	550 mm
Width	550 mm
Height	945 mm
Net weight	4.7 kg

Ventus Roof Terminal 200-180 Flat Roof

Article number: 169881

Technical details

Air supply			200 (180)			
	diameter		angle			
	150	160	<3°	15°	35°	55°
			Zeta [-]			
			2,44	2,61	2,69	2,79
Qv (Volume) [m³/h]	v (Velocity) [m/s]		Δp (Pressure Loss) [Pa]			
50	0,55	0,44	0,3	0,3	0,3	0,3
100	1,09	0,88	1,1	1,2	1,3	1,3
150	1,64	1,33	2,6	2,8	2,8	2,9
200	2,18	1,77	4,6	4,9	5,1	5,2
250	2,73	2,21	7,2	7,7	7,9	8,2
300	3,27	2,65	10,3	11,0	11,4	11,8
350	3,82	3,09	14,0	15,0	15,5	16,1
400	4,37	3,54	18,3	19,6	20,2	21,0
450	4,91	3,98	23,2	24,8	25,6	26,5
500	5,46	4,42	28,6	30,7	31,6	32,8
550		4,86	34,6	37,1	38,2	39,6
600		5,31	41,2	44,2	45,5	47,2

Air extract			200 (180)			
	diameter		angle			
	150	160	<3°	15°	35°	55°
			Zeta [-]			
			1,61	1,75	1,83	1,96
Qv (Volume) [m³/h]	v (Velocity) [m/s]		Δp (Pressure Loss) [Pa]			
50	0,55	0,44	0,2	0,2	0,2	0,2
100	1,09	0,88	0,8	0,8	0,9	0,9
150	1,64	1,33	1,7	1,9	1,9	2,1
200	2,18	1,77	3,0	3,3	3,4	3,7
250	2,73	2,21	4,7	5,1	5,4	5,8
300	3,27	2,65	6,8	7,4	7,8	8,3
350	3,82	3,09	9,3	10,1	10,6	11,3
400	4,37	3,54	12,1	13,2	13,8	14,7
450	4,91	3,98	15,3	16,7	17,4	18,6
500	5,46	4,42	18,9	20,6	21,5	23,0
550		4,86	22,9	24,9	26,1	27,8
600		5,31	27,3	29,6	31,0	33,1