

INSULATED ROOF TERMINAL

For 125/150/160 mm systems

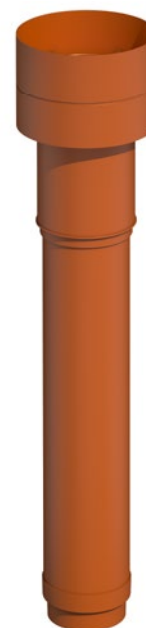


Introduction

Insulating ducts in air distribution systems used for ventilation, heating or cooling is often required to minimise heat loss or prevent condensation on or in the duct. Ubbink has developed a complete range of insulated ductwork, which are extremely easy to install and maintain. They are available in a large range of diameters and bends. Several accessories including terminals and airtight external duct seals complete the program.

There is a risk of condensation in or on ductwork if the air in the duct is colder than the ambient air (or vice versa). Therefore, it is very important to use insulated ductwork if such conditions could occur.

Technical details	
Product specification	Insulated roof terminal for mechanical ventilation in residential and small commercial buildings
Diameter	125, 150 and 160 mm (with adaptors)
Type of connection	Socket-Spigot
Available colours	Black/Terracotta
Weather resistance	All conditions (including UV)
Materials	
Terminal	PP
Insulation	EPS
Cap	PP + ABS
Adaptors	
125 mm	166/125 mm
150 mm	166/150 mm
160 mm	180/160 mm
Accessories	
Mounting bracket	
Airtight seals	
Multiple aluminum flange plates for flat roof application	
Lead-free flashing tiles for pitched roof applications	
Other	
BIM ready?	Yes

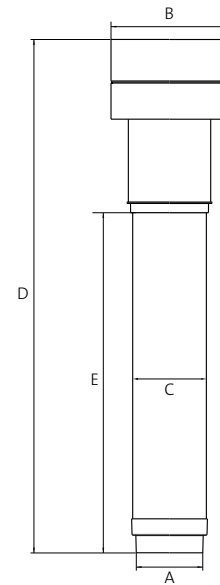


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Technical details

Dimensions	125	150	160
A [mm]	125	150	166
B [mm]	264	264	264
C [mm]	166	166	166
D [mm]	1156	1149	1149
E [mm]	778	772	772



Air supply

Diameter [mm]	125	150	160
Qv (Volume) [m ³ /h]			
Δp (Pressure loss) [Pa]			
50	1,4	1,0	1,2
100	5,5	3,8	4,6
150	12,4	8,5	10,3
200	21,7	15,1	18,2
250	34,1	23,7	29,3
300	-	34,0	41,5
350	-	46,2	55,5

Air extract

Diameter [mm]	125	150	160
Qv (Volume) [m ³ /h]			
Δp (Pressure loss) [Pa]			
50	0,5	0,5	0,5
100	2,1	1,8	1,9
150	4,7	4,1	4,2
200	8,4	7,2	7,6
250	13,1	11,2	11,8
300	-	16,4	17,1
350	-	22,0	22,9