INSULATED ROOF TERMINAL

For 125/150/160 mm

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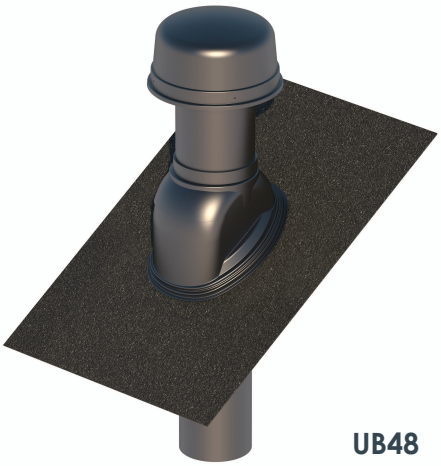
Introduction

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 terminals, which are extremely easy to install and maintain.

- They can be used for tiles and slates
- Insulated through the cowl

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.

UB46, UB47 & UB49



UB48

Technical details	
Product specification	Insulated roof terminal for mechanical ventilation in residential and small commercial buildings
Diameter	125, 150 and 160 mm
Type of connection	Socket-Spigot
Available colours	Black
Weather resistance	Most conditions (including UV)
Materials	
Terminal	PP
Insulation	EPS
Cap	PP + ABS
Adaptors	
125mm	166/125mm
150mm	166/150mm
160mm	180/160mm
Weight	
UB46	1.9 kg
UB47	3.8 kg
UB48	3.57 kg
UB49	2.85 kg
Pitch	
Standard pitch of 25° (low pitch 5 - 25° option available upon request)	

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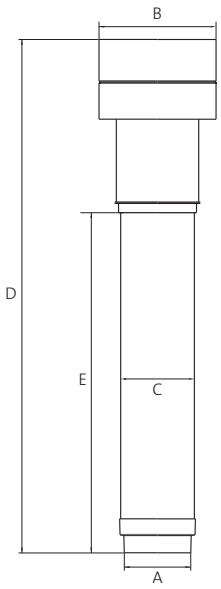

Technical details

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) [m³/h]	Δp (Pressure loss) [Pa]		
100	5,5	3,8	4,6
200	21,7	15,1	18,2
300	-	34,0	41,5

Air extract

Diameter [mm]	125	150	160
Qv (Volume) [m³/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

Performance

FVA mm²	The pressure airflow resistance of all units is <1.0 Pascal at 225m ³/h
UB46 125mm	12,250
UB47 150mm	17,750
UB48 180mm	19,100
UB49 160mm	18,750

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