



Ventilation experts

## LOMANCO VENTS DARCO CHIMNEY COWLS

## PRICELIST



- Ensure proper ventilation throughout the year
- Remove moisture – extend the life of your roof
- Reduce energy bills
- Long life and no maintenance



- Increase chimney draft
- Extend the life of your chimney
- Reduce fuel consumption
- Improve the natural ventilation



LIFETIME WARRANTY  
FOR  
RESIDENTIAL USE

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## Ventilation of the roof

Each roof requires proper ventilation. Moisture resulting from adverse weather conditions must not stay in the roofing system to settle and condense. The turbines ensure an active, continuous and permanent ventilation. Especially metal roofs suffer from condensation. Then Lomanco ventilation turbines are the solution.

## Permanent ventilation of the roof structure

Installation of Lomanco turbines ensures proper ventilation throughout the year. The turbines remove unwanted moisture from the roof structure and significantly extend its life. Lomanco Turbines effectively ventilate attics, stores, production plants and ventilation shafts of all kind of buildings.

## Ensure regular exchange of air

The turbines continuously ventilate interiors, manufacturing and storage facilities, factories and agricultural buildings e.g. cowsheds, stables etc. Regular air exchange is essential for life.

Lomanco turbines available in three sizes:

8" 12" 14"

## Features and benefits

Lomanco Turbines offer all of the essentials for energy savings and are geared toward going green. Its design features 100% rust-free all-aluminium construction and permanently lubricated upper and lower ball bearings that ensure **long life and no maintenance**.

The turbine's large flashing makes installation easy even on very complicated roofs. Other common features are its rigid spider-type construction - riveted at every connection and tested to withstand winds of 110 mph, and 21 air-foil curved vanes with rolled edges to deflect water. For your convenience, our range includes all the accessories for installation and regulation.

## Reduce energy bills

The turbines reduce your energy bills as they are operated by the cheapest energy source - wind. In the case that the building is air-conditioned, the turbines exhaust the most of the overheated air and they reduce the demand on the air conditioning system. Lomanco Turbines substitute central electric ventilators in multi-storey buildings such as apartment and tower blocks. When using this system as opposed to a central fully-electric ventilator you'll save 90% of your operating costs and inside a year you'll make back the cost of this product.






## Model series

BIB	TIB	GT 12	IB 8 + VP 8
			
			

## Dimensions (in)

## Calculating ventilation

## Number of turbines needed









model	hole size	height	base (shape)	weight (packaged)	wind speed			ventilated area*				
					8 km/h	13 km/h	24 km/h	0-90 m <sup>2</sup>	>90 m <sup>2</sup>	>140 m <sup>2</sup>	>185 m <sup>2</sup>	>230 m <sup>2</sup>
BIB 12	12	17,25	20 x 20 	6,5 lbs	590 m <sup>3</sup> /h	930 m <sup>3</sup> /h	1750 m <sup>3</sup> /h	2	2	3	4	4
BIB 14	14	20	22 x 22 	7,5 lbs	710 m <sup>3</sup> /h	1200 m <sup>3</sup> /h	2250 m <sup>3</sup> /h	2	2	2	3	3
BEB 14	14	20,375	22 x 22 	7,75 lbs	710 m <sup>3</sup> /h	1200 m <sup>3</sup> /h	2250 m <sup>3</sup> /h	2	2	2	3	3
TIB 12	-	11,25	-	4,5 lbs	590 m <sup>3</sup> /h	930 m <sup>3</sup> /h	1750 m <sup>3</sup> /h	2	2	3	4	4
TIB 14	-	11,625	-	4,75 lbs	710 m <sup>3</sup> /h	1200 m <sup>3</sup> /h	2250 m <sup>3</sup> /h	2	2	2	3	3
GT 12	12	15,75	20 x 20 	9 lbs	590 m <sup>3</sup> /h	930 m <sup>3</sup> /h	1750 m <sup>3</sup> /h	2	2	3	4	4
IB 8	8	14,25	-	4 lbs	165 m <sup>3</sup> /h	295 m <sup>3</sup> /h	565 m <sup>3</sup> /h	3	6	9	12	12
VP 8	8	7,75	16 x 16 	2,25 lbs	-	-	-	-	-	-	-	-

\* The information is for reference only. The exact number of units needed always depends on the roof shape and overall dimensions of the roof.

# VENTILATION TURBINES PRICE LIST



## 12" NECK DIAMETER

Turbine head set				Complete set (turbine head + adjustable neck + base)			
	item	cat. no.	our price		item	cat. no.	our price
	<b>TIB12</b> Anodised aluminium	1.05	£ 143.20		<b>BIB12</b> Anodised aluminium	1.00	£ 175.80
	<b>TIB12 brown</b> RAL 8017	1.06	£ 149.50		<b>BIB12 brown</b> RAL 8017	1.01	£ 189.40
	<b>TIB12 black</b> RAL 9005	1.07	£ 149.50		<b>BIB12 black</b> RAL 9005	1.02	£ 189.40
	<b>TIB12 white</b> RAL 9010	1.08	£ 149.50		<b>BIB12 white</b> RAL 9010	1.03	£ 189.40
					<b>BIB12 red</b> RAL 8005	1.04	£ 189.40
					<b>GT12</b> Galvanised version	1.21	£ 155.80

15 YEAR WARRANTY

## 14" NECK DIAMETER

Turbine head set				Complete set (turbine head + adjustable neck + base)			
	item	cat. no.	our price		item	cat. no.	our price
	<b>TIB14</b> Anodised aluminium	1.14	£ 163.20		<b>BIB14</b> Anodised aluminium	1.10	£ 182.00
	<b>TIB14 brown</b> RAL 8017	1.15	£ 175.80		<b>BIB14 brown</b> RAL 8017	1.11	£ 195.70
	<b>TIB14 black</b> RAL 9005	1.16	£ 175.80		<b>BIB14 black</b> RAL 9005	1.12	£ 195.70
	<b>TIB14 white</b> RAL 9010	1.17	£ 175.80		<b>BIB14 white</b> RAL 9010	1.13	£ 195.70
					<b>BIB14 khaki</b> RAL 6022	1.09	£ 195.70
					<b>BEB14</b> Anodised aluminium	1.71	£ 219.00

EXTERNALLY BRACED TURBINE  
VERY DURABLE

## 8" NECK DIAMETER

Turbine head				Adjustable neck + base			
	item	cat. no.	our price		item	cat. no.	our price
	<b>IB8</b> Anodised aluminium	1.19	£ 145.30		<b>VP8</b> Anodised aluminium	1.20	£ 84.40

Prices excl. VAT. Free UK delivery.









### LIFETIME WARRANTY\*

\* Lifetime warranty applies to residential use only.  
Commercial use is covered by a 15 year warranty.







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## REGULATION FLAPS

Electromechanical					Manual				
	item / suitable	flaps height	cat. no.	our price		item / suitable	flaps height	cat. no.	our price
	<b>K8</b> for IB8	23 cm	1.38	£ 202.00		<b>K8</b> for IB8	23 cm	1.54	£ 46.70
	<b>K12</b> for BIB12	33 cm	1.39	£ 215.70		<b>K12</b> for BIB12	33 cm	1.55	£ 58.20
	<b>K14</b> for BIB14	40 cm	1.40	£ 222.00		<b>K14</b> for BIB14	40 cm	1.56	£ 65.50


## BASES

Universal*				For splitter / extension parts			
	available sizes	cat. no.	our price		item	cat. no.	our price
	<b>12"/14" red</b> RAL 8004	1.65/1.60	£ 165.30		<b>Base P8</b> Galvanised version	1.81	£ 63.40
	<b>12"/14" brown</b> RAL 8017	1.66/1.61	£ 165.30		<b>Base P12</b> Galvanised version	1.82	£ 66.60
	<b>12"/14" black</b> RAL 9005	1.67/1.62	£ 165.30		<b>Base P14</b> Galvanised version	1.83	£ 71.80

## EXTENSION PARTS

100 cm length					50 cm length				
	item	suitable for	cat. no.	our price		item	suitable for	cat. no.	our price
	<b>P8-100</b> Galvanised	IB8	1.76	£ 69.70		<b>P8-50</b> Galvanised	IB8	1.75	£ 49.80
	<b>P12-100</b> Galvanised	BIB/TIB12	1.78	£ 71.80		<b>P12-50</b> Galvanised	BIB/TIB12	1.77	£ 52.90
	<b>P14-100</b> Galvanised	BIB/TIB14	1.80	£ 75.00		<b>P14-50</b> Galvanised	BIB/TIB14	1.79	£ 53.90

## SPLITTER

Suitable for 7+ floors buildings			
	item / suitable / height	cat. no.	our price
	<b>Splitter R14</b> Only for BIB/TIB 14 Total height 68cm	1.43	£ 314.90






**2 YEAR WARRANTY  
FOR ALL THE ACCESSORIES**










# COMPLETE SETS PRICE LIST



## SETS FOR PITCHED ROOFS

SET BIB12 + universal base On request. Minimum delivery 4 weeks.				SET BIB14 + universal base On request. Minimum delivery 4 weeks.			
	item	cat. no.	our price		item	cat. no.	our price
	<b>SET BIB12 UNI base red</b> RAL 8004	100.65	£ 325.90		<b>SET BIB14 UNI base brown</b> RAL 8017	100.61	£ 333.30
	<b>SET BIB12 UNI base brown</b> RAL 8017	100.66	£ 325.90		<b>SET BIB14 UNI base black</b> RAL 9005	100.62	£ 333.30
	<b>SET BIB12 UNI base black</b> RAL 9005	100.67	£ 325.90				

## SETS FOR FLAT ROOFS

Minimum delivery 4 weeks.				SETS EVL on order. Minimum delivery 4 weeks.			
	item	cat. no.	our price		item	cat. no.	our price
	<b>SET TIB14 P14-50 P14</b>	1.58	£ 267.10		<b>EVL1400 BEB14</b>	1.91	£ 476.10
	<b>SET 2x TIB14 R14 P14</b>	1.90	£ 599.90		<b>EVL3410 BEB14</b>	1.92	£ 574.80
	<b>SET 2x BIB14 BASE 46x96cm</b>	1.59	£ 459.30		<b>SET 2xTEB14 + R14 + EVL1400 + P14</b>	1.70	£ 1068.30
					<b>SET 2xTEB14 + R14 + EVL3410 + P14</b>	1.97	£ 1116.60

## HYBRID VENTILATION LOMANCO TURBINES

ENERGO sets on request, minimum delivery 6 weeks							
	item	cat. no.	our price from		item	cat. no.	our price from
	<b>ENERGO EVL1400 BEB14</b>	100.30	£ 819.40*		<b>ENERGO EVL3410 BEB14</b>	100.35	£ 916.00*

\*The exact price of hybrid ventilation turbines depends on the required accessories.  
Prices excl. VAT. **Free UK delivery.**

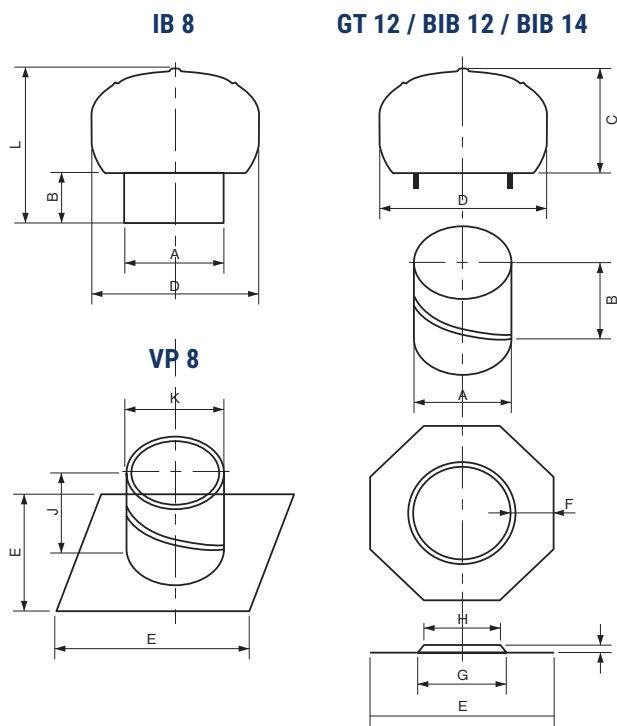


Lomanco sets for flat roofs and sets with electric motor are best placed as an alternative to central electric ventilators in multi-storey buildings such as apartment and tower blocks. The vent turbine sits externally on the top of ventilation shafts to use the wind to remove any unwanted odours from units in a building, with the electric ventilator giving the vent an extra boost if there are poor weather conditions or the tenants choose to open the vents.

**When using this system as opposed to a central fully-electric ventilator you'll save 90% of your operating costs and inside a year you'll make back the cost of this product.**

By switching to Lomanco products you can individually vent apartments -units whenever is necessary without the entire system switching on or needing electricity.

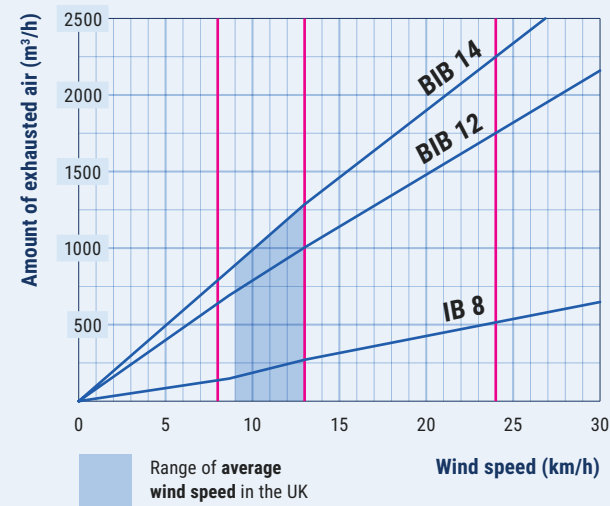
VENTILATION TURBINES DATASHEET



DIMENSIONS

model	GT 12	BIB 12	BIB 14	IB 8
A	305 mm	305 mm	356 mm	203 mm
B	165 mm	195 mm	255 mm	107 mm
C	245 mm	250 mm	270 mm	-
D	420 mm	440 mm	460 mm	320 mm
E	510 mm	510 mm	560 mm	400 mm
F	100 mm	100 mm	100 mm	-
G	300 mm	300 mm	350 mm	-
H	278 mm	278 mm	335 mm	-
I	25 mm	25 mm	30 mm	-
J	-	-	-	195 mm
K	-	-	-	203 mm
L	-	-	-	360 mm
Roof pitch	0-27°	0-45°	0-45°	0-27°

LOMANCO EFFICIENCY CHART



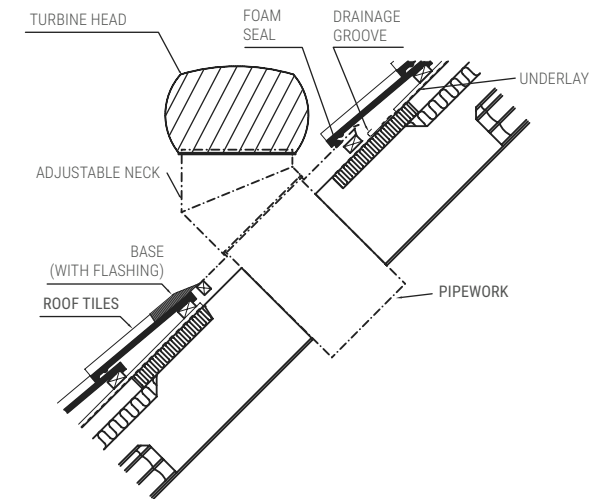
model	8 km/h	13 km/h	24 km/h
BIB 12	590 m³/h	930 m³/h	1 750 m³/h
BIB 14	710 m³/h	1 200 m³/h	2 250 m³/h
GT 12	590 m³/h	930 m³/h	1 750 m³/h
IB 8	165 m³/h	295 m³/h	565 m³/h
TIB 12	590 m³/h	930 m³/h	1 750 m³/h
TIB 14	710 m³/h	1 200 m³/h	2 250 m³/h

RECOMMENDED FREQUENCY OF AIR EXCHANGE IN INTERIORS

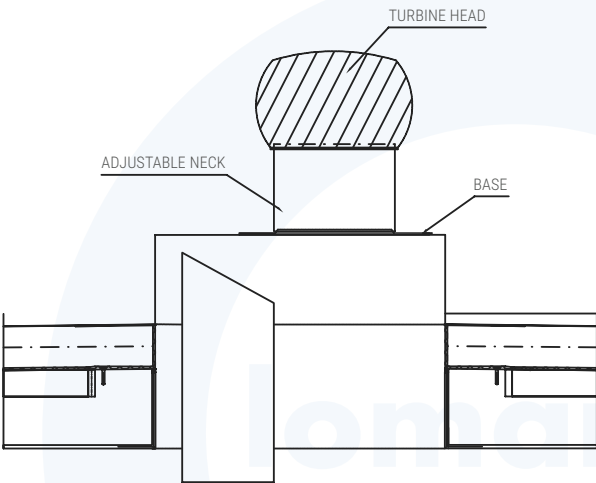
Living rooms offices	2-3 x per hour
Storage halls	2-10 x per hour
Medium-duty industrial operations	8-10 x per hour

For quality air circulation, it is necessary to ensure sufficient air supply to the ventilated area. The rule is that the fresh air intake must be at least as large as the diameter of the turbine. If multiple turbines are used, the size of fresh air intake must be equal to total the area of all turbines.

PITCHED ROOF:



FLAT ROOF:



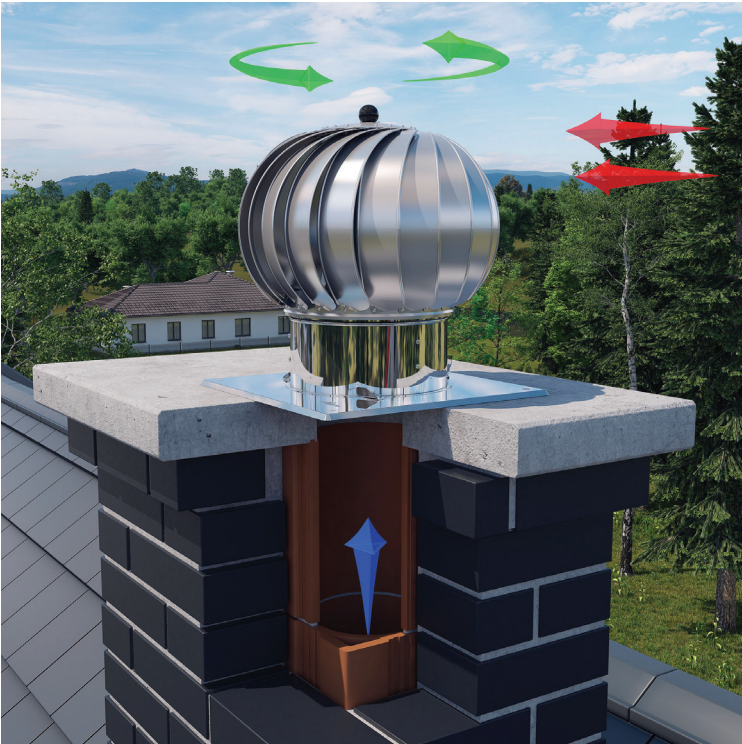
Ventilation of the chimney

Darco chimney cowls are designed to stabilise and increase chimney draft in ventilation and smoke ducts.

Rotary chimney cowls are devices, which, in a dynamic way, use force of the wind to increase chimney draft. The turbine always rotates in the same direction no matter of the wind strength or its direction. They are to be mounted on gravitation based ventilation chimney duct endings.

Chimney cowls are mounted on the top of chimney ducts. Their purpose is to prevent the chimney from downwind, rainwater, ice buildup and bird nesting, but most of all they are designed to generate chimney draft using force of the wind.





Chimney cowls are available in two versions, the one with flat **square base** is suitable for flat chimneys, while the **inlet pipe** version is to install on existing chimney liners.



Chimney cowls special features

- Increases chimney draft
- Prevents reverse draft
- Extends the life of the chimney
- Reduces fuel consumption
- Attractive design
- Improves the quality of combustion
- Stainless steel construction
- Easy installation and inspection
- Square base or inlet pipe version

Types of Turbowent rotary chimney cowls

Tulipan	Turbowent	Turbowent Maxi	Dragon
			
Diameter 150 [mm]	Diameters 150-300 [mm]	Diameters 400-500 [mm]	Diameters 150-300 [mm]
Designed to be mounted on ducts which are close to each other. Inlet pipe version only.	Designed mainly to be mounted on individual private houses as well as on ventilation shafts of apartment houses.	Designed for industrial ventilation and for multi storey buildings.	The best cowl for smoke chimneys.

Rotary chimney cowls

Wind makes them rotate and create chimney draft in ventilation ducts. Withstands to temperatures up to **150°C**.

Rotary chimney cowls inlet diameters available [mm]:

150	200	250	300	400	500
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Self-adjusting Rotowent chimney cowls

Cowl designed especially for smoke ducts - unique construction makes it extremely durable against high temperature - **withstands up to 500°C**.

- Ideal for stoves and fireplaces

Self-adjusting Rotowent chimney cowls inlet diameters available [mm]:



150	200	250	300	400	500
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# ROTARY CHIMNEY COWLS PRICE LIST



## ROTOVENT DRAGON - Self-adjusting chimney cowl

Inlet pipe					Square base				
	diameter	openable	cat. no.	our price		diameter	openable	cat. no.	our price
	150 mm	✓	10,96	£ 140.60		150 mm	✓	10,76	£ 140.60
	200 mm	✓	10,97	£ 148.90		200 mm	✓	10,77	£ 148.90
	250 mm	✓	10,58	£ 165.40		250 mm	✓	10,56	£ 165.40
	300 mm	✓	10,59	£ 181.90		300 mm	✗	10,57	£ 181.90

## TURBOWENT - Rotary chimney cowl

Inlet pipe					Square base				
	diameter	openable	cat. no.	our price		diameter	openable	cat. no.	our price
	150 mm	✓	10,13	£ 116.60		150 mm	✓	10,23	£ 116.60
	200 mm	✓	10,14	£ 116.60		200 mm	✓	10,24	£ 116.60
	250 mm	✓	10,16	£ 141.40		250 mm	✓	10,26	£ 141.40
	300 mm	✓	10,15	£ 158.80		300 mm	✗	10,25	£ 158.80

## TURBOWENT TULIPAN - Rotary chimney cowl

Inlet pipe					Base with collar				
	diameter	openable	cat. no.	our price		diameter	openable	cat. no.	our price
	150 mm	✓	10,33	£ 112.50		400 mm	✗	10,79	£ 613.00
						500 mm	✗	10,99	£ 789.00

Prices excl. VAT. Free UK delivery.





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