Tulipan TUV

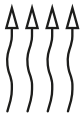
Rotary chimney cowl TULIPAN Ventlab is a device, which, in a dynamic way, uses force of the wind to increase chimney draught. The turbine always rotates in the same direction no matter of the wind strength or its direction. It is to be mounted on gravitation based ventilation chimney duct endings, especially on individual and multi storey housing.

invent. build. enjoy.

Tulipan TUV

Usage:

- when there are wind fluctuations on the chimney duct ending, caused by its bad location
- when there is an unfavorable terrain configuration, with strong and frequent winds
- when there is a lack of chimney draught or it is too weak
- in order to improve the natural (gravitation) ventilation



VENTILATION

DO NOT USE ON GAS AND OIL BOILERS

DO NOT USE ON WOOD STOVES

DO NOT USE ON COAL STOVES

DO NOT USE ON COAL BASED FUEL

DO NOT USE ON PELET STOVES

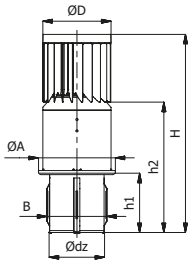
TUV - ... MLCH - T - x

- x — base version
- T — Tulipan version
- MLCH — material
- ... — diameter
- TUV — turbowent

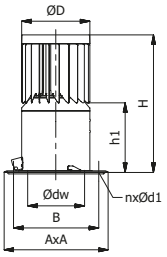
Destination	W	W - ventilation ducts
Base material	CH	CH - chrome-nickel sheet powder coated (black colour)
Turbine material	CH	CH - chrome-nickel sheet powder coated (black colour)

Versions of bases

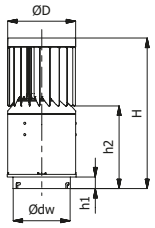
1. Force-in mounting base -PT



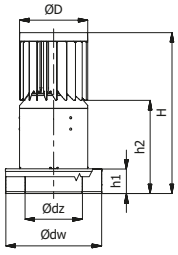
2. Square base -PK



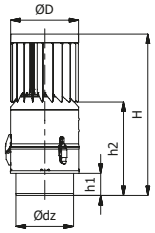
3. Dismounting base -R



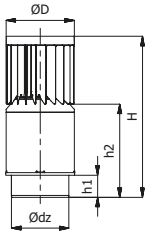
4. Base with insulation closing -B-K



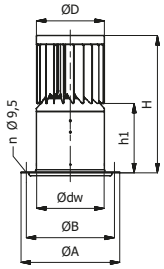
5. Inlet pipe openable -B



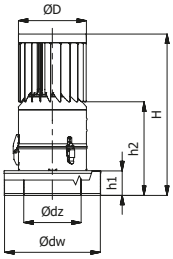
6. Inlet pipe not openable -B-S



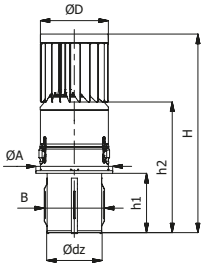
7. Base with collar -BIII



8. Base with insulation closing openable -B-K-U



9. Force-in mointing base – openable -PT-U



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darco ventlab

Measurements table for various inlet diameters

ø 150	Dimensions [mm]										Weight [kg]
Base version	D	dw	dz	H	h1	h2	A	B	d1	Amount n	ML
-PT	~180	-	147	524	157	345	203	159	-	-	2.75
-PK	~180	150.2	-	363	184	-	275	225		4	2.60
-R	~180	150.6	-	398	31	218	-	-	-	-	2.40
-B-K	~180	253.4	151.8	426	65	246	-	-	-	-	2.80
-B	~180	-	151.8	427	59	247	-	-	-	-	2.60
-B-S	~180	-	151.8	426	59	246	-	-	-	-	2.45
-BIII	~180	178.4	-	363	184	-	261	233	9.5	6	3.00
-B-K-U	~180	253.4	151.8	427	65	247	-	-	-	-	2.90
-PT-U	~180	-	147	525	157	346	203	159	-	-	2.90

ø 200	Dimensions [mm]										Weight [kg]
Base version	D	dw	dz	H	h1	h2	A	B	d1	Amount n	ML
-PT	~240	-	197	586	157	376	260	209	-	-	4.10
-PK	~240	199.5	-	425	211	-	340	290	6.2	4	4.00
-R	~240	199.8	-	460	31	250	-	-	-	-	3.65
-B-K	~240	303.1	201	488	65	277	-	-	-	-	4.10
-B	~240	-	201	489	59	278	-	-	-	-	3.85
-B-S	~240	-	201	488	59	277	-	-	-	-	3.70
-BIII	~240	238.4	-	425	215	-	311	283	9.5	6	4.25
-B-K-U	~240	303.1	201	489	65	278	-	-	-	-	4.25
-PT-U	~240	-	197	587	157	377	260	209	-	-	4.20

ø 250	Dimensions [mm]										Weight [kg]
Base version	D	dw	dz	H	h1	h2	A	B	d1	Amount n	ML
-PT	~300	-	244	646	157	407	320	259	-	-	5.65
-PK	~300	250.7	-	486	247	-	400	350	6.2	4	5.60
-R	~300	250.7	-	520	31	280	-	-	-	-	5.15
-B-K	~300	352.4	252.3	548	65	308	-	-	-	-	5.65
-B	~300	-	252.3	549	59	309	-	-	-	-	5.40
-B-S	~300	-	252.3	548	59	308	-	-	-	-	5.20
-BIII	~300	298.4	-	486	246	-	363	337	9.5	6	5.70
-B-K-U	~300	352.4	252.3	549	65	309	-	-	-	-	5.80
-PT-U	~300	-	247	647	157	408	320	259	-	-	5.80

ø 300	Dimensions [mm]										Weight [kg]
Base version	D	dw	dz	H	h1	h2	A	B	d1	Amount n	ML
-PT	~360	-	297	708	157	438	390	309	-	-	7.45
-PK	~360	297.7	-	549	278	-	460	410	8.2	4	7.60
-R	~360	300	-	582	31	311	-	-	-	-	6.90
-B-K	~360	403.7	301.6	620	65	339	-	-	-	-	7.40
-B	~360	-	301.6	611	59	340	-	-	-	-	7.10
-B-S	~360	-	301.6	610	59	339	-	-	-	-	6.90
-BIII	~360	358.4	-	547	276	-	422	392	9.5	8	7.50
-B-K-U	~360	403.7	301.6	611	65	340	-	-	-	-	7.55
-PT-U	~360	-	297	709	157	439	380	309	-	-	7.60