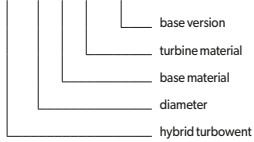


**TH x a b - d**



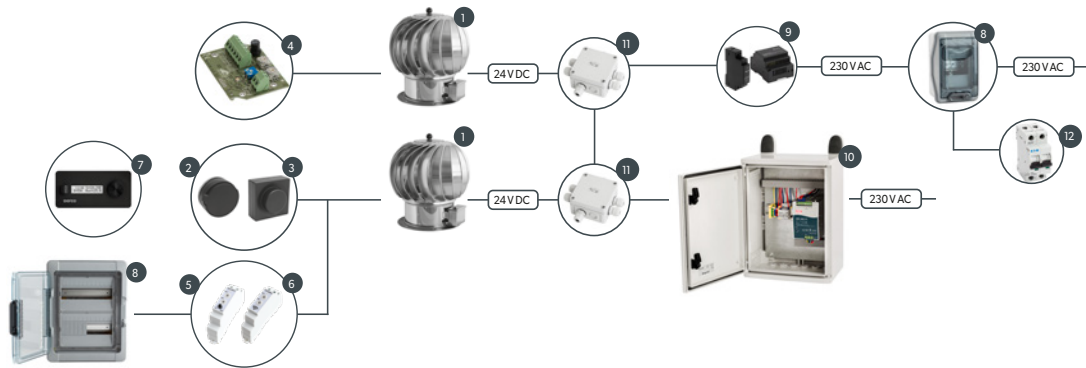
Diameter [mm]	ø150	ø200
Max. efficiency [m³/h]	197	373
Max. underpressure [Pa]	6	8
Rotating speed adjustment range [obr./min]	90 - 300	90 - 270
Voltage [V DC]	24	24
Nominal power* [W]	3.9	6.8
Max. current [mA]	360	360
Ambient temperature [°C]	-20 - +60	
Rotating unit	ball bearings system	

\*at maximum efficiency

Destination	W	W	W	W - ventilation ducts
Base material	CH	CH	-	CH - chrome-nickel sheet 1.4301
	-	-	ML	ML - chrome-nickel sheet powder coated
Turbine material	-	CH	-	CH - chrome-nickel sheet 1.4301
	-	-	ML	ML - aluminium powder coated
	AL	-	-	AL - aluminium

Diameter	Sound pressure level A at a distance of 4 m from cowl (for rotation speed n)		Sound power level L (for min. rotation speed acc. to PN-EN ISO 3741:2003) (for rotation speed n)	
	N <sub>rotmin</sub> for n=90	N <sub>rotmax</sub> for n=270	L <sub>WA</sub> for n=90	L <sub>WA</sub> for n=270
ø150	8 dB	15 dB	26 dB	33 dB
ø200	7 dB	14 dB	25 dB	35 dB

**Connecting diagram**

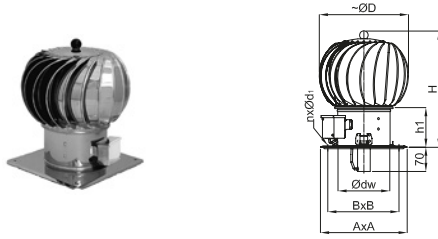


No	Symbol	Name
<b>CONTROLLERS</b>		
1	TH...	Hybrid Turbowent ø150÷ø200
2	ERO-32MN-2	ERO Electronic motor speed controller
3	ERO-32MN-1	ERO Electronic motor speed controller
4	ERO-31MW-0	ERO type electronic motor speed controller mounted on the cowl
5	ERO-32MS-0	ERO Electronic motor speed controller - on rail version TS-35
6	ERO-32WS-0	ERO Electronic motor speed controller - WiFi version (wBox application is required)
7	ERO-32AP-0	ERO Electronic motor speed controller - under- surface version
8	ESR-03W-0	Electronic control cabinet ESR - max amount of controllers: 3
	ESR-04W-0	Electronic control cabinet ESR - max amount of controllers: 4
	ESR-06W-0	Electronic control cabinet ESR - max amount of controllers: 6
	ESR-08W-0	Electronic control cabinet ESR - max amount of controllers: 8
	ESR-12W-0	Electronic control cabinet ESR - max amount of controllers: 12
8	ESR-24W-0	Electronic control cabinet ESR - max amount of controllers: 24
	ESR-36W-0	Electronic control cabinet ESR - max amount of controllers: 36
8	ESR-54W-0	Electronic control cabinet ESR - max amount of controllers: 54
	ESR-72W-0	Electronic control cabinet ESR - max amount of controllers: 72

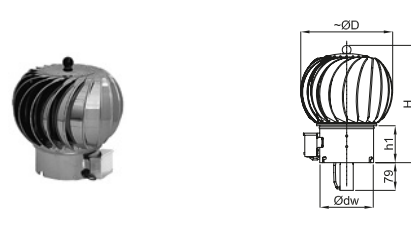
No	Symbol	Name
<b>POWER FEEDERS</b>		
9	EZN-010M-0	Electronic power supply EZN, nominal power 10 W
	EZN-030M-0	Electronic power supply EZN, nominal power 30 W
10	EZN-060M-0	Electronic power supply EZN, nominal power 60 W
	ESZ-060W-0	Electronic power supply cabinet ESZ, connected power 60 W
	ESZ-120W-0	Electronic power supply cabinet ESZ, connected power 120 W
	ESZ-240W-0	Electronic power supply cabinet ESZ, connected power 240 W
10	ESZ-480W-0	Electronic power supply cabinet ESZ, connected power 480 W
	ERZ-06D-0	Electronic power divider ERZ
12	CLS6-B4/1N	Circuit breaker

Versions of bases

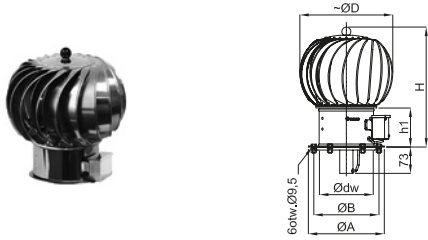
1. Square base -PK



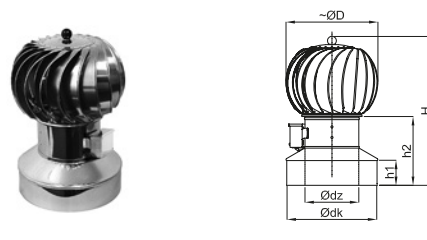
2. Dismountable base -R



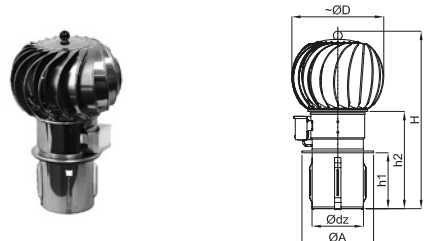
3. Base with collar -BIII



4. Base with insulation closing -B-K



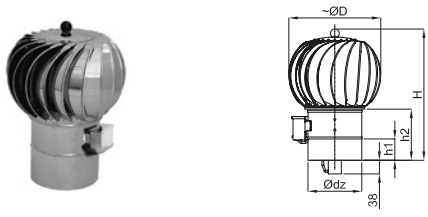
5. Force-in mounting base -PT



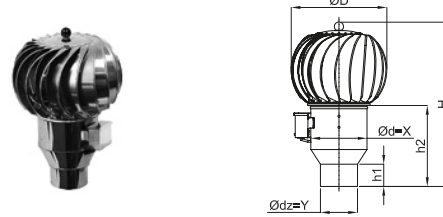
6. Inlet pipe openable -B



7. Inlet pipe not openable -B-S



8. Inlet pipe reduced -X/Y/...-B-S



## 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	CHAL	
-PK	~260	150.4	-	326	100	-	250	208	6.2	4	2.60	
-R	~260	150.4	-	330	105	-	-	-	-	-	2.45	
-Bill	~260	150.1	-	292	90	-	211	182	9.5	6	2.85	
-B-K	~260	253.4	151.7	399	70	194	-	-	-	-	3.20	
-PT	~260	-	144.0	450	157	244	202	158	-	-	2.85	
-B	~260	-	152.0	402	60	197	-	-	-	-	2.60	
-B-S	~260	-	152.0	349	60	144	-	-	-	-	2.40	
-X/Y...-B-S	~260	-	Y	420	60	194	-	-	-	-	2.55	

Ø 200		Dimensions [mm]									Weight [kg]	
Base version	D	dw	dz	H	h1	h2	A	B	d1	Amount n	CHAL	
-PK	~320	200.0	-	340	100	-	330	284.0	6.2	4	3.00	
-R	~320	199.7	-	355	115	-	-	-	-	-	2.50	
-Bill	~320	199.7	-	362	90	-	261	233	9.5	6	3.00	
-B-K	~320	303.1	201.0	434	70	194	-	-	-	-	3.50	
-PT	~320	-	194.0	494	157	254	252	208	-	-	3.20	
-B	~320	-	201.0	471	60	197	-	-	-	-	2.90	
-B-S	~320	-	201.0	410	60	144	-	-	-	-	2.60	
-X/Y...-B-S	~320	-	Y	454	60	194	-	-	-	-	2.80	

## Airflow charts

