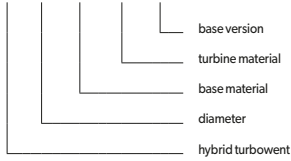




TH x CH AL - d



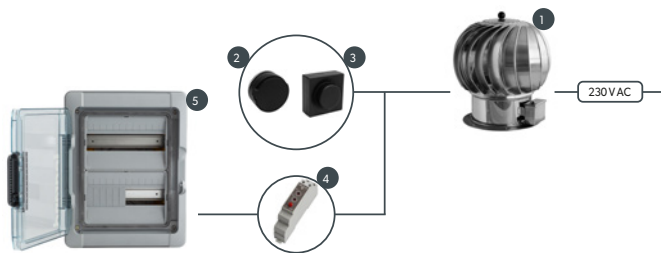
Destination	W	W - ventilation ducts
Base material	CH	CH - chrome-nickel sheet 1.4301
Turbine material	AL	AL - aluminium

Base diameter	ø400	ø500
Max. efficiency [m³/h]	1447	3391
Max. underpressure [Pa]	9	14
Rotating speed adjustment range [obr./min]	40 - 186	40 - 186
Voltage [V AC]	230	
Supply voltage frequency [Hz]	50	
Nominal power* [W]	20	37
Max. current [A]	1.71	
Ambient temperature [°C]	-30 - +50	
Protection level obudowy	IP 44	
Rotating unit	ball bearings system	

*at maximum efficiency

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 _{ca} min for n=min	N _{ca} max for n=186	L _{WA} for n=min	L _{WA} for n=max
ø400	5 dB	23 dB	25 dB	43 dB
ø500	5 dB	31 dB	25 dB	51 dB

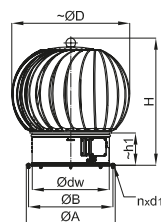
Connecting diagram



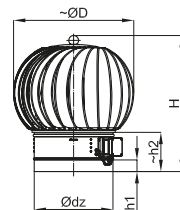
No	Symbol	Name
CONTROLLERS		
1	TH...	Hybrid Turbowent 400+500
2	ERO-32MN-2	ERO Electronic motor speed controller
3	ERO-32MN-1	ERO Electronic motor speed controller
4	ERO-32MS-0	ERO Electronic motor speed controller - on rail version TS-35
5	ESR-03W-0	Electronic control cabinet ESR - max amount of controllers: 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
	ESR-24W-0	Electronic control cabinet ESR - max amount of controllers: 24
	ESR-36W-0	Electronic control cabinet ESR - max amount of controllers: 36
	ESR-54W-0	Electronic control cabinet ESR - max amount of controllers: 54
	ESR-72W-0	Electronic control cabinet ESR - max amount of controllers: 72

Versions of bases

1. Base with collar -B-III



2. Inlet pipe -B-S



Measurements table for various inlet

Ø 400		Dimensions [mm]									Weight [kg]
Base version	D	dw	dz	H	h1	h2	A	B	d1	Amount n	CHAL
-BIII	~610	398	-	659	167	-	464	437	9.5	8	8.00
-B-S	~610	-	400	691	60	199	-	-	-	-	8.00

Ø 500		Dimensions [mm]									Weight [kg]
Base version	D	dw	dz	H	h1	h2	A	B	d1	Amount n	CHAL
-BIII	~740	499	-	767	168	-	564	538	9.5	8	10.70
-B-S	~740	-	501	799	60	200	-	-	-	-	8.80

Airflow charts

