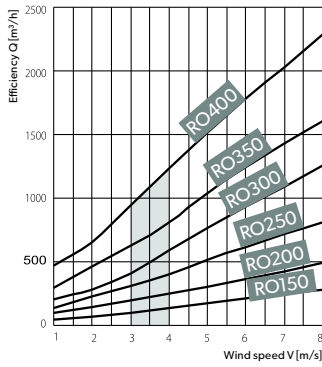
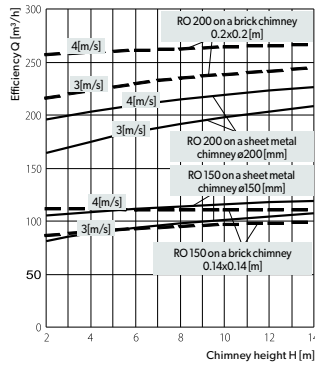


ø 400	Dimensions [mm]										Weight [kg]			
	Base version	D	dw	dz	H	h1	h2	A	B	d1	Amount n	OCOC	OCCH	CHCH
-PK	-670	393.0	-	-	930	90	-	600	550	8.5	4	11.85	12.40	10.65
-R	-670	400.2	-	-	960	120	-	-	-	-	-	8.20	8.75	7.90
-BlIII	-670	398.3	-	-	946	106	-	461	438	9.5	8	8.70	9.25	8.55
-B-K	-670	503.9	402.1	-	1000	70	160	-	-	-	-	9.95	10.50	9.30
-B-S	-670	-	402.1	-	950	60	110	-	-	-	-	8.40	8.95	8.00
-X/Y...-B-S	-670	-	Y	-	1050	60	210	-	-	-	-	9.40	9.96	8.75

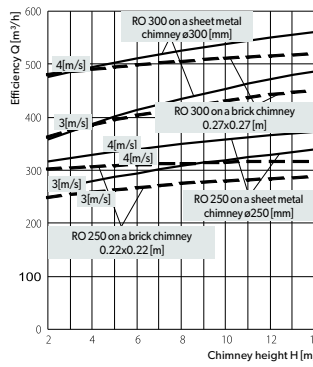
Airflow charts



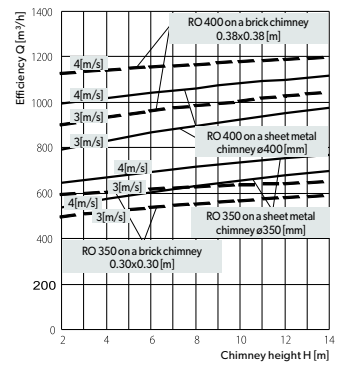
Efficiency chart for Turbowents (various diameters) in a function of wind speed, not including the influence of chimney height. (1[m/s]=3.6[km/h])



Efficiency chart for ROTOWENTS ø150 and ø200 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).

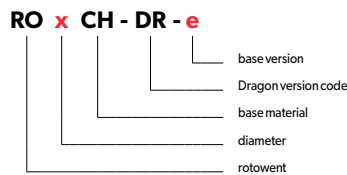
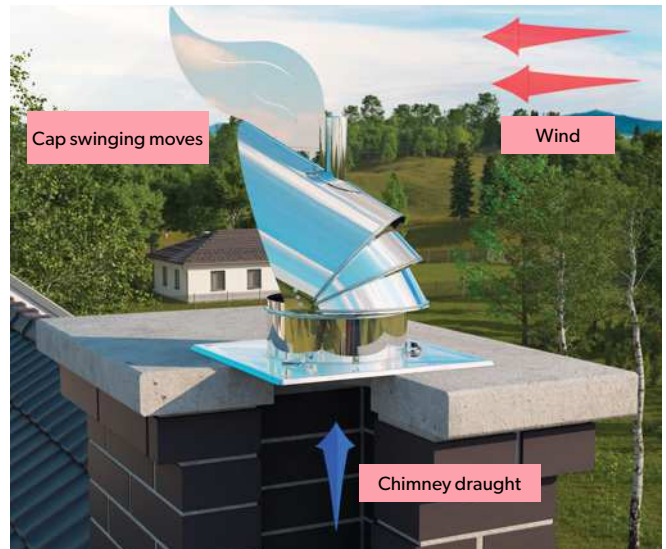


Efficiency chart for ROTOWENTS ø250 and ø300 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).



Efficiency chart for ROTOWENTS ø350 and ø400 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).

12. ROTOWENT DRAGON Ø150÷Ø300



Warning!

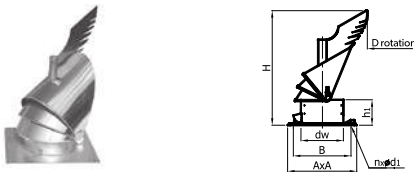
Cowl may not be mounted on ducts exhausting fumes from coal burning stoves.

Destination	S - S- gas and oil exhaust ducts D - smoke ducts
Material	CH Base: chrome-nickel sheet 1.4301 Cap: chrome-nickel sheet 1.4404
	ML Base: chrome-nickel sheet 1.4301 powder coated Cap: chrome-nickel sheet 1.4404 powder coated

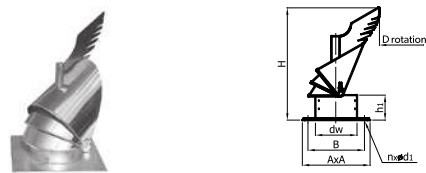
Diameter [mm]	ø150	ø180	ø200	ø250	ø300
Efficiency [m³/h] at wind speed 4 m/s	172	217	247	490	638
Underpressure [Pa] (at wind speed 4 m/s)	6.6	5.7	4.3	6.3	5.85
Max. working temperature [°C]	500				
Rotating unit	ball bearings system				

Versions of bases

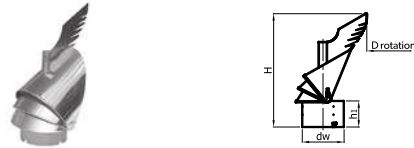
1. Square base openable $\varnothing 150 \div \varnothing 250$ -PK



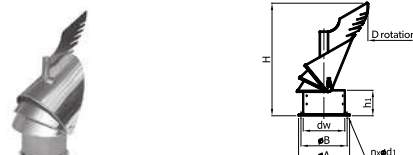
1a. Square base not openable $\varnothing 300$ -PK



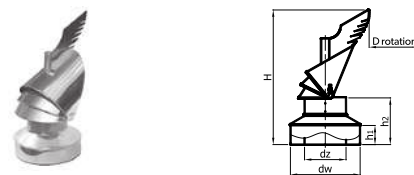
2. Dismountable base -R



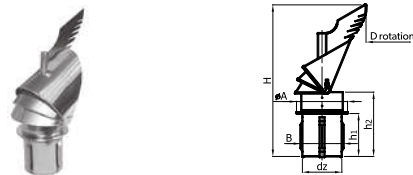
3. Base with collar -BIII



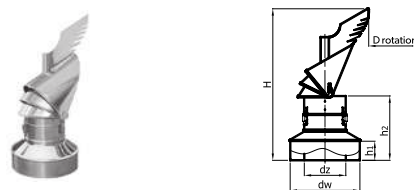
4. Base with insulation closing -B-K



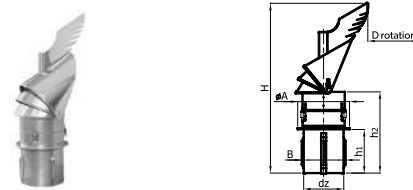
5. Force-in mounting base $\varnothing 150 \div \varnothing 300$ -PT



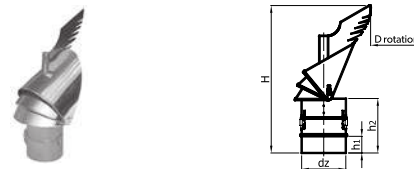
6. Base with insulation closing openable -B-K-U



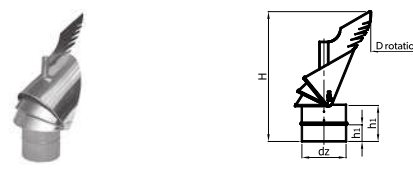
7. Force-in mounting base - openable $\varnothing 150 \div \varnothing 300$ -PT-U



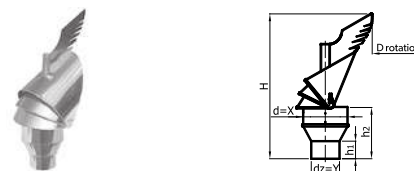
8. Inlet pipe openable $\varnothing 150 \div \varnothing 300$ -B



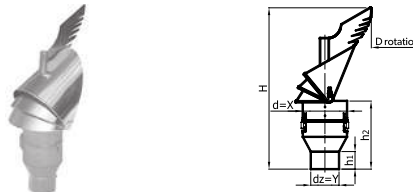
9. Inlet pipe not openable -B-S



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



11. Inlet pipe reduced openable $\varnothing 150, \varnothing 300$ -X/Y-...-B



CHIMNEY COWLS

STEERING & POWER SUPPLY

HOT AIR DISTRIBUTION SYSTEM

CHIMNEYS

VENTILATION

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Measurements table for various inlet diameters

Ø 150											
Base version	Dimensions [mm]										Weight [kg]
	D	dw	dz	H	h1	h2	A	B	d1	Amount n	
-PK	~335	148.0	-	405	85	-	250	208	6.2	4	1.90
-R	~335	150.5	-	440	120	-	-	-	-	-	1.55
-Bill	~335	150.5	-	400	80	-	211	182	9.5	6	1.95
-B-K	~335	253.3	151.8	520	70	200	-	-	-	-	2.45
-PT	~335	-	144.0	555	157	235	202	158	-	-	2.25
-B-K-U	~335	253.3	151.8	570	70	250	-	-	-	-	2.75
-PT-U	~335	-	144.0	605	157	285	202	158	-	-	2.45
-B	~335	-	152.8	530	60	205	-	-	-	-	1.90
-B-S	~335	-	152.8	470	60	150	-	-	-	-	1.70
-X/Y...-B-S	~335	-	Y	515	60	195	-	-	-	-	1.90
-X/Y...-B	~335	-	Y	620	60	295	-	-	-	-	2.25

Ø 180											
Base version	Dimensions [mm]										Weight [kg]
	D	dw	dz	H	h1	h2	A	B	d1	Amount n	
-PK	~431	180.4	-	481	84.9	-	300	250	6.2	4	2.20
-R	~431	182.1	-	496	100	-	-	-	-	-	1.75
-Bill	~431	182.1	-	496	100	-	237	210	9.5	6	2.20
-B-K	~431	282	182.1	597	70	200	-	-	-	-	2.80
-PT	~431	-	174	647	172	250	233	189	-	-	2.50
-B-K-U	~431	282	182.1	647	70	250	-	-	-	-	3.10
-PT-U	~431	-	174	720	172	323.1	233	189	-	-	3.00
-B	~431	-	182.1	600	60	203	-	-	-	-	2.30
-B-S	~431	-	182.1	546	60	150	-	-	-	-	1.95
-X/Y...-B-S	~431	-	Y	600	60	195	-	-	-	-	2.20
-X/Y...-B	~431	-	Y	690	60	295	-	-	-	-	2.60

Ø 200											
Base version	Dimensions [mm]										Weight [kg]
	D	dw	dz	H	h1	h2	A	B	d1	Amount n	
-PK	~440	198.0	-	520	85	-	330	284	6.2	4	2.70
-R	~440	200.0	-	555	120	-	-	-	-	-	2.05
-Bill	~440	199.0	-	515	80	-	261	233	9.5	6	2.55
-B-K	~440	303.1	201.1	635	70	200	-	-	-	-	3.10
-PT	~440	-	194.0	680	167	245	252	208	-	-	2.90
-B-K-U	~440	303.1	201.1	685	70	250	-	-	-	-	3.45
-PT-U	~440	-	194.0	730	167	295	252	208	-	-	3.25
-B	~440	-	201.1	635	60	205	-	-	-	-	2.50
-B-S	~440	-	201.1	585	60	150	-	-	-	-	2.20
-X/Y...-B-S	~440	-	Y	630	60	195	-	-	-	-	2.45
-X/Y...-B	~440	-	Y	725	60	295	-	-	-	-	2.95

Ø 250											
Base version	Dimensions [mm]										Weight [kg]
	D	dw	dz	H	h1	h2	A	B	d1	Amount n	
-PK	~560	245.0	-	620	80	-	380	330	6.2	4	3.60
-R	~560	250.3	-	645	120	-	-	-	-	-	2.65
-Bill	~560	250.8	-	615	90	-	311	283	9.5	8	3.35
-B-K	~560	352.4	252.3	725	70	200	-	-	-	-	4.00
-PT	~560	-	244.0	780	177	255	302	259	-	-	3.85
-B-K-U	~560	352.4	252.3	775	70	250	-	-	-	-	4.45
-PT-U	~560	-	244.0	830	177	305	302	259	-	-	4.30
-B	~560	-	252.3	735	60	245	-	-	-	-	3.50
-B-S	~560	-	252.3	675	60	150	-	-	-	-	2.90
-X/Y...-B-S	~560	-	Y	730	60	205	-	-	-	-	3.25
-X/Y...-B	~560	-	Y	825	60	315	-	-	-	-	4.10

Ø 300											
Base version	Dimensions [mm]										Weight [kg]
	D	dw	dz	H	h1	h2	A	B	d1	Amount n	
-PK	~660	293.0	-	730	80	-	470	420	6.2	4	5.60
-R	~660	300.0	-	740	140	-	-	-	-	-	4.50
-Bill	~660	298.7	-	745	145	-	361	337	9.5	8	5.00
-B-K	~660	403.7	301.7	800	70	200	-	-	-	-	5.20
-PT	~660	-	294	855	177	255	352	308	-	-	5.00
-B-K-U	~660	403.7	301.7	850	70	250	-	-	-	-	5.70
-PT-U	~660	-	294	905	177	305	352	308	-	-	5.50
-B	~660	-	301.7	825	60	225	-	-	-	-	4.95
-B-S	~660	-	301.7	750	60	150	-	-	-	-	4.40
-X/Y...-B-S	~660	-	Y	850	60	250	-	-	-	-	4.75
-X/Y...-B	~660	-	Y	900	60	300	-	-	-	-	5.25

CHIMNEY COWLS

STEERING & POWER SUPPLY

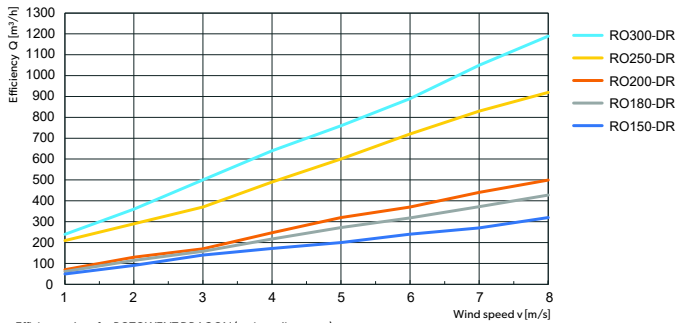
HOT AIR DISTRIBUTION SYSTEM

CHIMNEYS

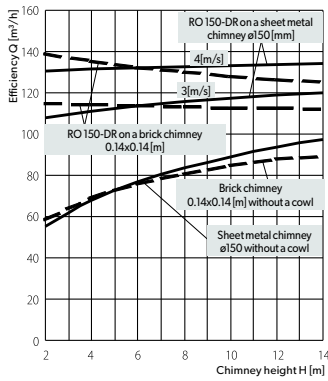
VENTILATION

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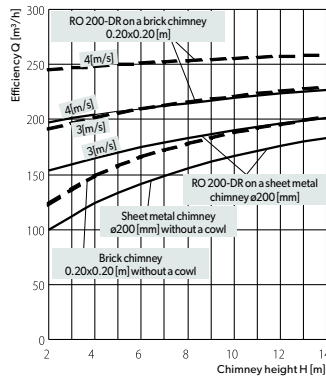
Airflow charts



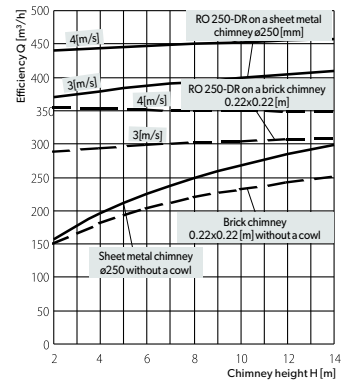
Efficiency chart for ROTOWENT DRAGON (various diameters) in a function of wind speed, not including the influence of chimney height. *1 [m/s] = 3.6 [km/h]



Efficiency chart for ROTOWENT DRAGON ø150 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).



Efficiency chart for ROTOWENT DRAGON ø200 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).

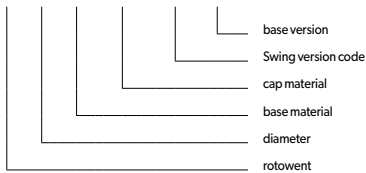


Efficiency chart for ROTOWENT DRAGON ø250 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).

13. ROTOWENT SWING Ø150÷Ø200

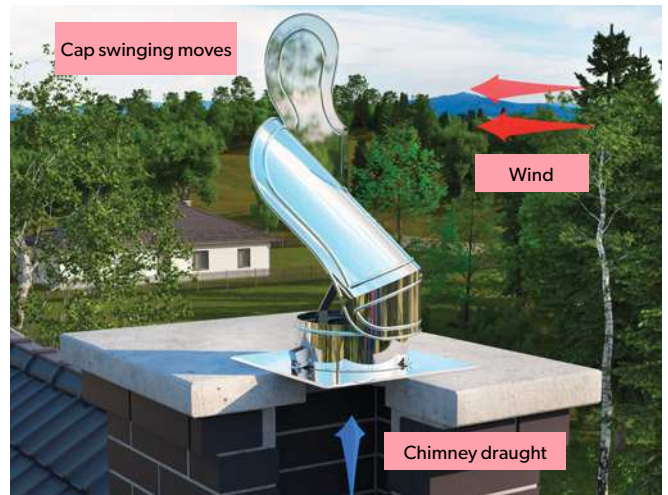


RO x CH CH - SW - d



Warning!

Cowl may not be mounted on ducts exhausting fumes from coal burning stoves.



Destination	S	S - gas and oil exhaust ducts
	D	D - smoke ducts
Base material	CH	CH - chrome-nickel sheet 1.4301
Cap material	CH	CH - chrome-nickel sheet 1.4301

Diameter [mm]	ø150	ø180	ø200
Efficiency [m³/h] at wind speed 4 m/s	152	220	270
Underpressure [Pa] at wind speed 4 m/s		6.35	
Max. working temperature [°C]		400	
Rotating unit	slide bearings		