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# TURB<sup>B</sup>AWAY™

## High-Efficiency Cyclones



- Direct from the manufacturer, a leader for 25 years in environmental control systems for manufacturing industry.
- The **TURB<sup>B</sup>AWAY** is the simplest and most cost-effective method of combatting pollution by all types of dust (including asbestos), powder and sand.
- Optional afterfilter increases the efficiency of the **TURB<sup>B</sup>AWAY** for fines to 99% plus.
- Afterfilter may consist of simple open bags, manually shaken or with automatic mechanical shake, for optimum flexibility in use. Afterfilter size and number of filters can be varied.
- Our **TURB<sup>B</sup>AWAY** Cyclones are sold complete, or as parts — cyclone body; fan and motor; afterfilter. Thus you can purchase a Cyclone body where no afterfilter is required because a discharge to atmosphere is desired.
- Easy-to-empty bin.
- Number of bags, size and cloth specification for afterfilter can be tailored exactly to suit the material being handled.
- Base cabinets are standard. Cyclone can be supplied with hopper base. Special bases available to order. (Series 900 cyclone can only be supplied with hopper base.)

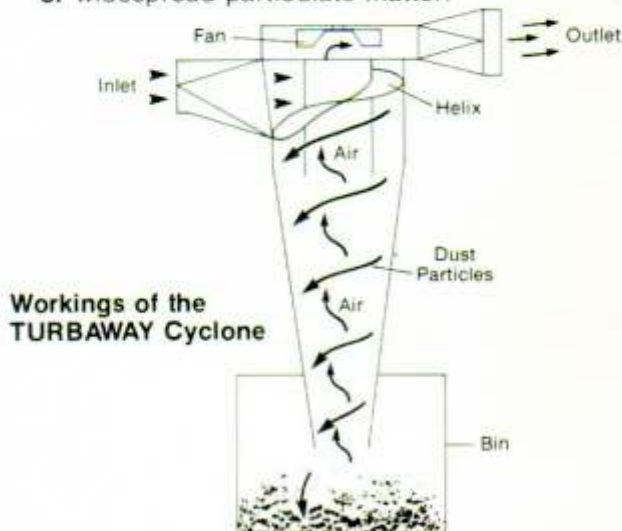
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## High-Efficiency Cyclones

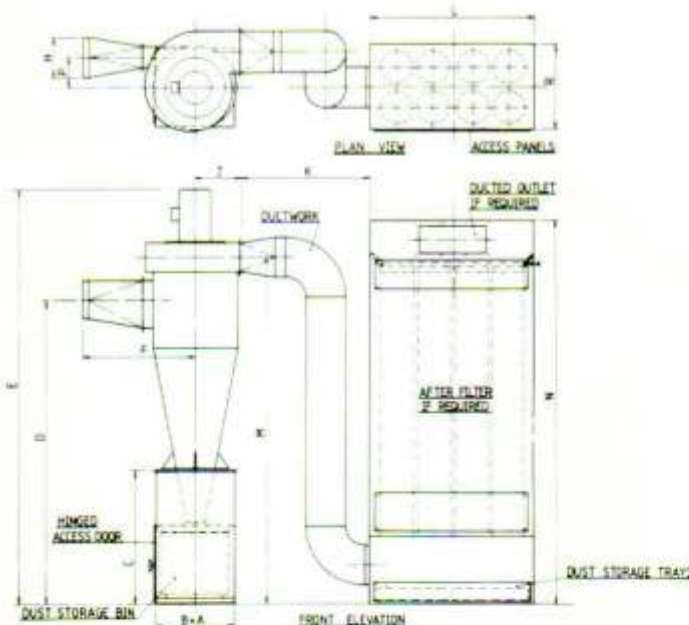
- Typical user industries, and applications within them, include:

Foundry  
 Cosmetic manufacture  
 Cement  
 Rare Earths processing  
 Gypsum processing  
 Minerals processing  
 Fertiliser  
 Food manufacture  
 Building & Brick manufacture  
 Coalmining  
 Iron & Steel manufacture  
 Animal Feed  
 Asphalt

- Long tapering cone design and high inlet velocity gives optimum dust separation and collection.
- Fan and cyclone cone can be rotated by 45° increments.
- Recirculation of warm shop air, or recovery of waste heat, achieved by use of afterfilter.
- The fan mounted in the cleaned air stream is not damaged by heavy or abrasive particles, which are rapidly deposited in the pull-out drawer of the easy-to-empty bin below.
- The **TURB<sup>AWAY</sup>** High-Efficiency Cyclone provides on-the-spot protection for personnel, equipment and structures by removing localised or widespread particulate matter.



Workings of the TURB<sup>AWAY</sup> Cyclone



### Technical Data for TURB<sup>AWAY</sup>

DIMENSION	CYCLONE SERIES				
	400	500	600	750	900
MOTOR HP	3.0	5.5	7.5	15	VARIES
A	600	720	720	720	NA
B	600	720	720	720	NA
C	800	1200	1200	1200	NA
D	1750	2300	2350	2800	TO SUIT
E	2300	2800	3200	3750	TO SUIT
F	500	750	750	1000	1100
H I/D	150	200	250	300	350
J	270	275	330	400	400
K	900	900	1000	1100	1200
L	700	700	700	1400	1400
M	1900	2470	2700	3150	TO SUIT
N	2500	3000	3500	3500	TO SUIT
P	125	150	175	225	275
R	700	700	700	700	1050

CYCLONE SERIES		VOLUME		EXTERNAL RESISTANCE AVAILABLE Pa
		m <sup>3</sup> /sec	cu. ft./min	
400	MAX	0.58	1225	1100
	MIN	0.40	850	2000
500	MAX	0.94	2000	925
	MIN	0.58	1225	1900
600	MAX	1.40	3000	1800
	MIN	0.94	2000	3250
750	MAX	2.12	4500	1250
	MIN	1.40	3000	2500
900	MAX	3.54	7500	1500
	MIN	2.12	4500	3500

In accordance with our policy of continuous product improvement and development, we reserve the right to change specification without notice.

# SANGRE

Environmental Services Ltd.

AIR FILTRATION EQUIPMENT FOR TODAY'S MANUFACTURING INDUSTRY

**DUSTAWAY / TURB<sup>AWAY</sup> / SMOKEAWAY / FUMEAWAY / MISTAWAY**

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