



**turbo**®  
PRECLEANER



Top-through air flow for superior performance

Recognised as Worldwide leader

Used in Construction,  
Mining & Industrial  
Applications



IF IT'S NOT THE GENUINE

**turbo**®  
PRECLEANER

...It's just a raincap

- With less filter consumption
- By reducing equipment's costly down time
- By enhancing turbo-charger life
- By minimizing engine over-hauling cost
- By increasing fuel efficiency
- By increasing engine oil life

India's  
Largest Selling  
Air Precleaner



ADVANTAGES:

- Extends engine air filter life from 2 to 10 times
- Self-power and self-cleaning
- Reduces engine wear and prolongs engine life
- Maintains effective engine breathing for maximum efficiency and power
- Minimizes costly down time
- Installs in minutes
- Tested by independent laboratories to SAE standards

C.F.M. = CUBIC FEET PER MINUTE  
For all engines, the C.F.M. can be determined by using the formula below:

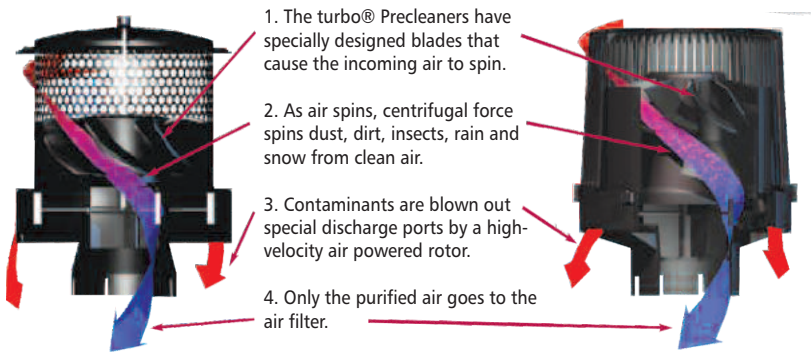
AIR (C.F.M.) =  $\frac{\text{C.I.D.} \times \text{R.P.M.} \times \text{Vol. Eff.}}{3456}$

VOLUMETRIC EFFICIENCY

Diesel Engines - Naturally Aspirated=0.85  
Turbocharged Aftercooled=1.85

It's All About Cleaner Air & longer Engine Life

How Turbo Precleaners Work



C.I.D. - Cubic Inch Displacement; R.P.M. - Revolutions Per Minute; Vol. Eff. - Volume Efficiency. To convert Metric displacements to C.I.D. use the following conversion factors:  
Displacement in Cubic Centimeters (cm³) x 0.06102 = C.I.D.  
Displacement in Litres x 61.02 = C.I.D.  
**Note : Engines equipped with twin air intakes, divide the engine C.F.M. by two.**

Turbo II® Precleaner

Model #	Airflow range		Approx HP	Inlet size base		OD	Height	Weight
	CFM	m3/min		Inches	mm			
24	100 - 250	2.8 - 7.1	40 - 100	3", 4"	76, 102	203	279	2.3
35	250 - 350	7.1 - 9.9	100 - 140	4.5"	114	235	311	2.9
46	300 - 700	8.5 - 19.8	140 - 280	4.5", 5", 6"	114, 127, 152, 178	311	394	4.9
68	700 - 1100	19.8 - 31.1	280 - 440	5", 6", 7", 8"	127, 152, 178, 203	368	444	7.3

All Turbo II models are available with a raincap or with a bull-nose • Material: Metal with powdercoat finish



Turbo III® Precleaner

Model #	Airflow range		Approx HP	Inlet size base		OD	Height	Weight
	CFM	m3/min		Inches	mm			
15	15 - 85	0.4 - 2.4	6 - 34	2"	51	134	130	0.23
50	50 - 250	1.4 - 7.1	20 - 100	3", 4"	76, 102	190	203	0.68
200	200 - 500	5.6 - 14.2	80 - 200	4.5", 5"	114, 127	237	295	1.97
<b>NEW ! 390</b>	<b>350 - 700</b>	<b>9.8 - 19.8</b>	<b>160 - 280</b>	<b>5", 6", 7"</b>	<b>127, 152, 178</b>	<b>323</b>	<b>292</b>	<b>2.5</b>
500	500 - 1100	14.2 - 31.1	200 - 440	6", 7", 8"	152, 178, 203	350	358	3.4

All Turbo III models are available with a raincap • Material: Polymer, 25% glass filled



Turbo® PowerRam Precleaner

Model #	Airflow range		Approx HP	Inlet size base		OD	Height	Weight
	CFM	m3/min		Inches	mm			
L	500 - 1500	14.2 - 42.5	160 - 600	6", 7", 8"	152, 178, 203	343X359	321	4.1

Model "L" is metal with powdered coat finish



Indian Distributor :



DCS TECHNO SERVICES PVT. LIMITED

Plot No.169, Road No.11, Prasashan Nagar, Jubilee Hills, Hyderabad - 500 096, T.S., INDIA.  
Phone : +91-40-23558136, Fax : +91-40-23541134, Mob : +91-98490-09875  
e-mail : info@dcstechno.com, www.dcstechno.com

Branches: ♦ Mumbai ♦ New Delhi ♦ Bengaluru ♦ Kolkata ♦ Goa ♦ Trichy ♦ Chennai

Manufactured by :

Maradyne Corporation

A Dreison Internation Co.  
4540 West 160th Street, Cleveland, OH 44135 USA  
Tel: 216-362-0755, Fax: 216-362-0799  
e-mail: sales@dreison.com www.maradyne.com