MORE SOLUTIONS FROM PMAX FILTERS



PMAX remote air filter silencers



Alternator cooling air filters keep alternator windings clean & dry



Ventilation filters for air-conditioning and machinery spaces



High-speed diesel engine air filters give more power with less fuel consumption



Custom made filter housings with conical SS filter



Panel filters for MET turbochargers

What our customers say:

From the P&O letter:

"I have no hesitation in recommending PMAX FILTERS to other shipping companies who are concerned about their operating efficiency and bottom line."

From the Toll letter:

"The Chief Engineers from both vessels agree that the fitment of the filters is a quantum leap ahead in respect of improvement of engine performance, operating efficiency, reduced maintenance and cost savings."

From the Oceangas letter:

"Apart from reducing the amount of engine maintenance, the filters are designed so that they are aesthetically pleasing, not bulky and easy to clean.

In our eyes, the filters are an asset and have already paid for themselves. …We strongly recommend any ship owner to explore the possibility of installing PMAX FILTERS."

Full copies of these and other letters, are available on our website.



PMAX FILTERS®
Filter Systems for Marine & Power Diesel Engines

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Adze 3755

SAVE ON OPERATING COSTS WITH A REVOLUTIONARY ADVANCE IN TURBOCHARGER AIR FILTER TECHNOLOGY



MET 30SR standard filter



MET 30SR PMAX filter

PMAX FILTERS virtually eliminate the entry of airborne contaminants into diesel engines, providing:

- **REDUCED fuel consumption**
- **REDUCED maintenance**
- **GREATER engine efficiency**
- **LESS cylinder component wear**
- **FEWER health and safety risks**
- **ENVIRONMENTALLY friendly**
- **ENVIRONMENTALLY responsible**



VTR 454 PMAX filter



VTR 454 standard filter

Recommended by MAN Diesel for use on MAN Diesel turbocharger silencers.

Tested and accepted by ABB to be used on most marine turbocharger silencers.

PMAX FILTERS®
Filter Systems for Marine & Power Diesel Engines

LOWER RUNNING COSTS INCREASED ENGINE EFFICIENCY

PMAX FILTERS present over 700% more surface area to inlet air than conventional coarse gauze filters. The basic design of conventional filters has not improved in more than 60 years of turbocharger development.

Unlike conventional filters, PMAX FILTERS arrest exhaust fumes, dust, oil and salt particles, yet still supply sufficient air to run slow and medium speed diesel engines at maximum efficiency.

Manufactured and available internationally, PMAX water washable filters are designed to provide many thousands of hour's service.

PMAX FILTERS are easily fitted to: Slow, Medium and High-Speed Diesel Engines.



Engines with OEM air filters



PMAX FILTERS are easily installed



All sizes, standard or custom made

PMAX FILTERS achieve cost savings and reduced impact on the environment through:

Reduced fuel consumption and cleaner exhausts

PMAX FILTERS reduce the internal build-up of contaminants that restrict airflow and cause a subsequent rise in fuel consumption.

Reduced maintenance

Less build-up means less frequent need to remove charge air coolers for cleaning, minimising downtime.

Greater engine efficiency and reliability

Cleaner, less restricted air paths provide consistently lower exhaust temperatures, so engines deliver maximum power with less risk of burnt exhaust valves.

Less component wear

With PMAX FILTERS, there are fewer abrasive particles in the charge air to damage pistons, piston rings, cylinder liners, valves and valve seats.

Environmentally friendly

PMAX FILTERS are water washable for many years trouble free service and keep engines running efficiently with cleaner exhausts.

Environmentally responsible

PMAX FILTERS provide a 100% air seal to effectively catch pollutants, unlike copper gauze or cheap throw-away wraps.

PMAX FILTERS suit all engines including:

Akasaka, Bergen, Caterpillar, Cummins, Daihatsu, Deutz, EMD, General Electric, Gotaverken, Hanshin, MaK, MAN, MAN B&W Alpha, Mirrlees Blackstone, Mitsubishi, Mitsui, MTU, Nigata, NohabPolar, Pielstick, Ruston, Stork Werkspoor, Sulzer, Wartsila, Wichmmann, Yanmar

PMAX FILTERS – "GOOD for ENGINES"

Proven to maintain lower exhaust temperatures with better reliability.

PMAX FILTERS – "GOOD for BUSINESS"

Proven to reduce maintenance costs and prevent excessive fuel consumption.



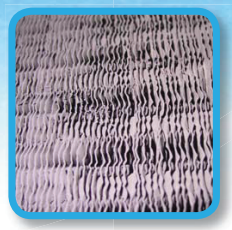
Engines with OEM air filters, copper gauze or cloth wrap



PMAX FILTERS are easily cleaned for thousands of hours continuous use



Dirty turbochargers, Low boost pressure, Smokey exhausts, Higher service costs



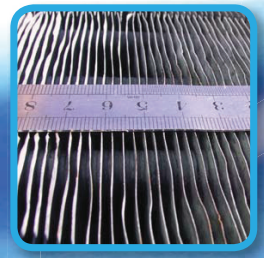
Dirty air coolers, Reduced air flow, High exhaust temps, Increased fuel consumption, Reduced power output, Higher maintenance costs



Engines with PMAX FILTERS unique pleated design



Clean turbochargers, High boost pressures, Lower maintenance and service costs



Clean air coolers, More air flow, Cleaner exhausts, Low exhaust temps, Better fuel consumption Better power output, Lower maintenance costs