



Introducing the EPAC System™. The self cleaning engine air cleaner that virtually eliminates engine air filter maintenance.

The EPAC System™ is a self-cleaning engine air intake system designed for equipment operating in harsh environments often found in the mining, agricultural, construction and other heavy equipment industries.

The EPAC System™ uses short blasts of compressed air injected into the clean side of the engine air filter. The compressed air pressurizes the inside of the air filter and blows off the dust from the dirty side, thereby keeping the intake restriction low and maintaining optimized engine performance. The compressed air cleaning cycles are adjustable for duration and frequency depending on the severity of the application.

The EPAC system™ comes complete with a self-cleaning air cleaner, electrically operated air compressor and all related major components needed for installation.

A filtration system that cleans itself? It's about time.

Features and Benefits

Reduced maintenance cost.

Manual air filter cleaning and frequent air filter change-outs are eliminated. The EPAC System™ greatly extends the life of the air filter.

Cleans while the vehicle is in operation.

The EPAC System™ is designed to clean the engine air filter while your equipment stays in operation.

Less vehicle down time.

The EPAC System™ requires no daily maintenance so your equipment is not out of service for frequent air filter maintenance. The EPAC System™ delivers maintenance free operation.

Improved engine protection

The EPAC System™ uses an ultra high efficiency filter that provides superior engine protection.



Visit: MaradyneFiltration.com

The EPAC System™ — Maximize productivity while greatly reducing filter maintenance cost.



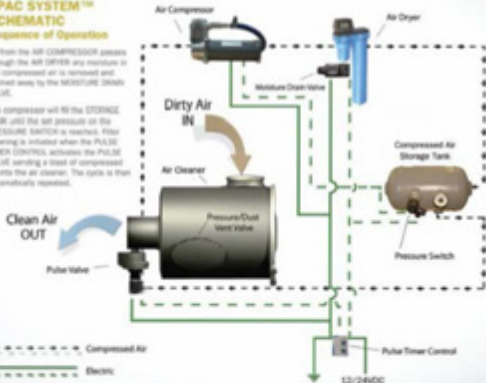
"Our equipment operates in an extremely hostile environment that required us to remove and clean our wheel loaders' engine intake air filters daily. Greenheck Filter installed an EPAC 1001 system on our CAT 926 and since then we have not had to touch the filters. After months of operation I am confident we will get at least a full year's service from **only one filter**. Before the EPAC was installed we replaced filters several times a month in addition to our daily cleaning requirement. The EPAC has done exactly what we were told it would do and we will be installing another unit on our CAT 960 loader."

Donnie Kolbenburger - Plant Manager
Horus Minerals - Site 126

EPAC SYSTEM™ SCHEMATIC Sequence of Operation

Air from the AIR COMPRESSOR passes through the AIR DRYER any moisture in the compressed air is removed and drained away by the MOISTURE DRAIN VALVE.

The compressor will fill the STORAGE TANK until the set pressure on the PRESSURE SWITCH is reached. Filter cleaning is initiated when the PULSE TIMER CONTROL activates the PULSE VALVE sending a blast of compressed air into the air cleaner. The cycle is then automatically repeated.



Maradyne Filtration Systems
4540 West 160th Street
Cleveland, Ohio 44135 USA

Visit: MaradyneFiltration.com

Call 800-537-7444 Ext 5