

CRANKCASE DOOR AND EXPLOSION RELIEF VALVE UPGRADE

SUITABLE FOR ALL RECIPROCATING ENGINES AND COMPRESSORS

Overview

Ignition of oil, fuel, or process gas vapors can occur in the crankcase of engines and compressors. To prevent serious personal injury or damage to property, the crankcase in these units must be fitted with flame-arresting explosion relief valves of the proper size and access covers of sufficient strength to withstand internal pressure of up to 30 psi.

Your compressor and/or engines may have access covers of certain metal (iron, aluminum or magnesium) or other material that cannot withstand explosion pressure. Your machines may not have relief valves of sufficient size or may not have flame arresting elements to reduce the intensity of an explosion.



Benefits

- › Protects against crankcase explosions that may lead to serious injury.
- › Door hinges can be added, to provide ease of maintenance and may reduce workplace-related lifting injuries.
- › Redesigned gaskets provide decrease in oil leaks.
- › Each machine must be retrofitted with the correct OEM covers and/or with relief valves of the proper total size with flame arresting capability.
- › We recommend that it is critical that your engines and compressors be equipped with the proper covers and proper relief valves.



LEGENDS DON'T STOP. WE MAKE SURE OF IT.™

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