



PTAC Engine Room Ventilation Control

Part # 600-PTAC / 600-PTAC-IS

The PTAC Ventilation Control system is designed as a complete engine room ventilation system for use in vessels with an engine space that is well sealed from the interior accommodation spaces.



Automatic Airflow Control

The PTAC system will automatically control the intake and exhaust fans in the engine room based on the pressure and temperature readings to provide the combustion air needs of the vessel's engines.

Manual Airflow Control

All fans may also be controlled manually within the engine room when the system is placed in Manual Mode. This allows the user to regulate fan speeds and airflow direction to accommodate various needs.

Fire System Interface

The PTAC Control System will automatically shut down all fans upon discharge of the fire system. A signal provided by the fire system manufacturer provides the signal to the system for auto shutdown.

Communication

The PTAC system utilizes the Modbus protocol for internal communication to the VFDs, which effectively controls the fans. Meanwhile, external communication with the rest of the boat is facilitated by Canbus using the J1939 protocol.

