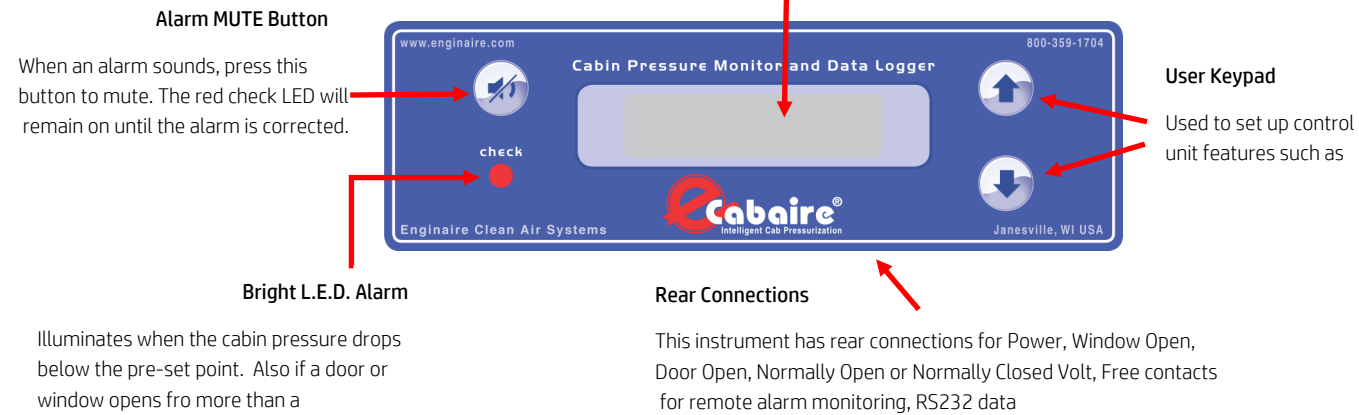


ICP - Intelligent Cab Pressurization

16 x 2 Alphanumeric LCD Display L.E.D. Back Lit

Displays actual cabin pressure in Pascals on the top line and



Cab Pressurization

Your complete source for air filtration and cab pressurization, now offers three levels of cab pressurization with multiple options at each level.

- The Cabaire Intelligent Cab Pressurization (ICP) control is a rugged industrial controller designed specifically to monitor and maintain the air pressure inside a vehicle's cabin so that external harmful dusts and toxic fumes are expelled rather than ingested into the cab and exposing the operator.
- The Cabaire ICP controller has a built-in 14 bit digital pressure sensor that can accurately measure pressure between -250.0 and +250.0 Pascals with repeatable accuracy and will display a corresponding alarm if the monitored pressure falls below a user defined set point.
- The Cabaire ICP has a 12 bit DAC (Digital to Analogue Converter) output to automatically control the air pump speed to maintain the preset pressure in the cab.
- An alarm will light and/or sound if the pressure falls below the preset point. The alarm set point can be set via the user keypad between the range of 0.0 and 100.0 Pascals.
- The data logger will record running pressures as well as any events or alarms that occur during operation. This data will be stored for up to one year and can be uploaded for further evaluation.
- The control is conveniently mounted in the vehicle's dash using a standard size radio cutout or remotely mounted in a stand alone case.

Constant Flow Pressurization

Precleans, Filters, and Maintains
Pressure With Constant Airflow

Automatic Pressure Control

Precleans, Filters, and Maintains
Preset Pressure By Monitoring Pressure And Adjusting Airflow With Motor Speed Control

Intelligent Cab Pressurization

Precleans, Filters, and Maintains
Preset Pressure By Monitoring Pressure And Adjusting Airflow With Motor Speed Control
Includes Data Collection And Low Pressure Alarms



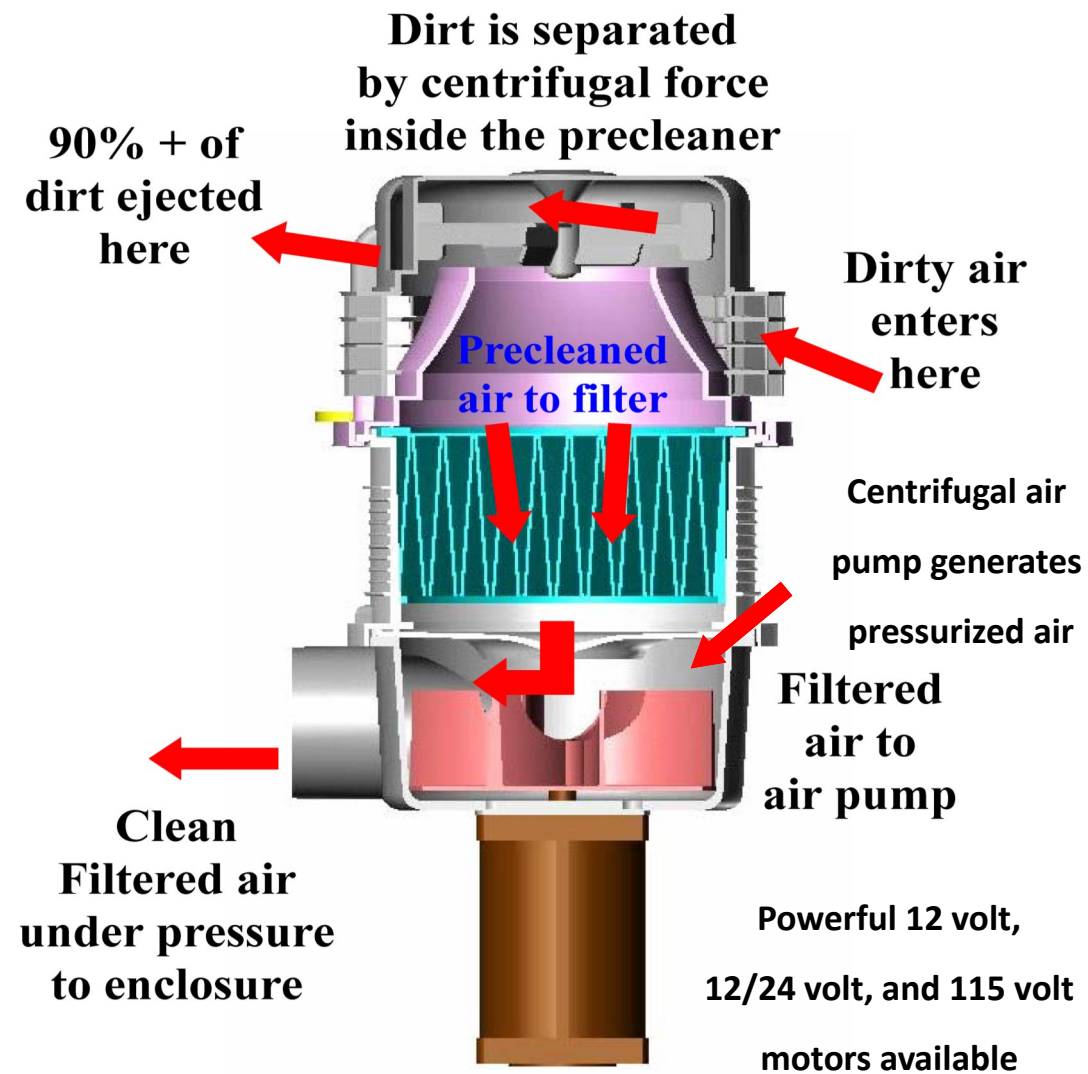
Watch demo on Youtube

CFP - Constant Flow Pressurization

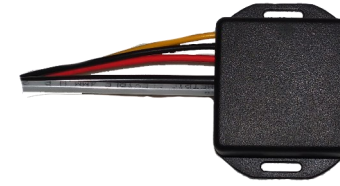
The air pressurizer precleans and filters air going into machinery cabins and other enclosures like electronics compartments.

Positive pressure in the operators environment will force dirt out of the enclosure keeping the operator healthier and all the components cleaner.

How Cab Pressurization Works



APC - Automatic Pressure Control



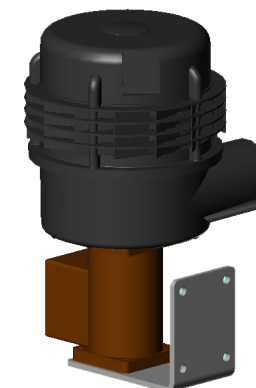
The Cabaire APC utilizes long proven precleaner and filtration technology. Add to that a 10,000 hour brushless motor and our "smart box" pressure sensitive motor control and you have state of the art cab pressurization.

The APC will monitor the air inside the cab and either speed up or slow down the high capacity air pump to maintain the preset (50 Pascal) pressure. When the machine first starts up the Cabaire will push up to 200 CFM of clean filtered air into the cab. When it senses that the pressure is reached, it slows down and runs whisper quiet while maintaining the preset pressure.

Cabaire pressurizers are available with paper, HEPA or activated charcoal elements (PO models have no elements).

Constant flow units available 12/24 v DC or 115 v AC APC and ICP units available either 12 v or 24 v DC

Model PO Model
APC-PO Model
ICP-PO



Model S Model
APC-S Model
ICP-S



Model EL Model
APC-EL Model
ICP-EL

