UPGRADING YOUR ISOLATOR FROM STATIC TO DYNAMIC

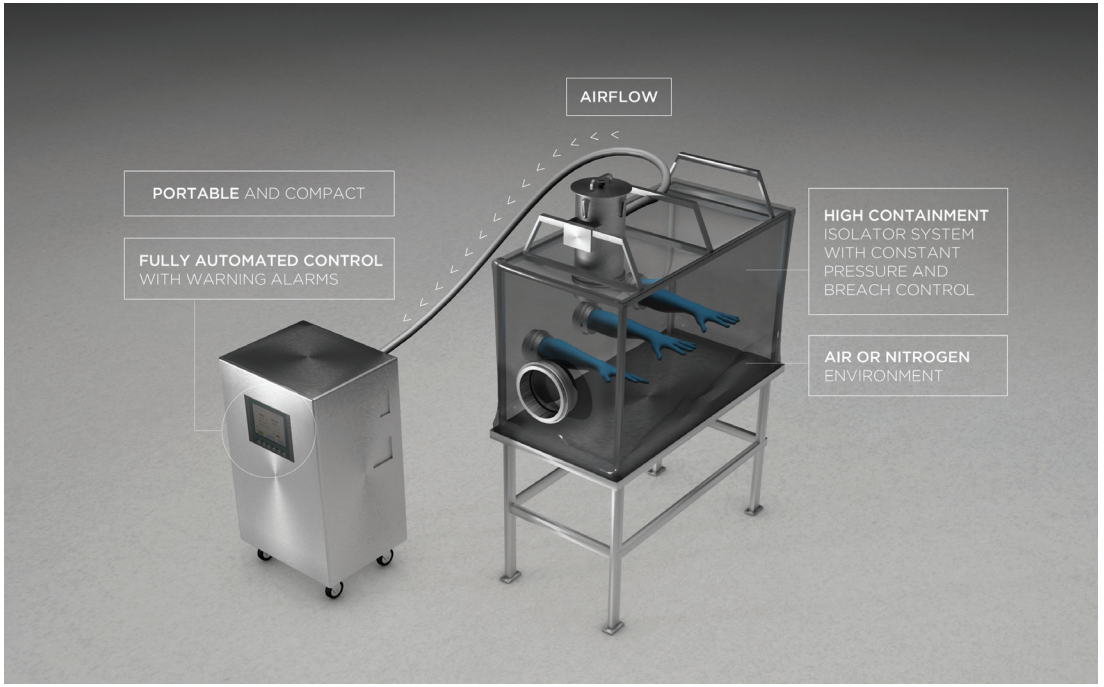
If you already own and use a flexible isolator from ILC Dover, you are already fully aware of its capabilities in dealing with high containment challenges in a manner that provides the optimum in ergonomic operation.

This performance has been traditionally achieved by operating the flexible isolator in a "static" manner, that meaning it is operated at atmospheric pressure and allowed to naturally breathe through HEPA filters incorporated into the flexible wall.

Now you can increase your risk mitigation for your containment solution from ILC Dover and enhance your process management with the option to modify the atmosphere within your isolator. All of this can be achieved with the application of ILC Dover's JetVent.

JetVent is a plug-and-play solution that automatically maintains the flexible isolator at a pre-set pressure (-15 pascals for containment applications, +15 pascals for aseptic applications). This pressure differential is also maintained during a breach condition[Note 1] with the JetVent responding automatically to this event.

The JetVent can be configured in two forms, the single-blower being applied when a pressure gas supply is available[Note 2] and the double-blower when it is not. The JetVent is contained in a mobile stainless steel cabinet for location in a safe area for operation (up to 100 feet from the isolator to which it is connected via a gas hose and HEPA filter; a Class 1 Division 2 option is also available).



Both oxygen (O_2) and relative humidity (RH) monitoring is available with the JetVent and when provided with a suitable supply gas and configured with the desired set-points and alarms, the JetVent modifies the atmosphere within the isolator to ensure a maximum O_2 and RH level. This fulfills a common operating requirement of the isolator that cannot be guaranteed in the static form.

Please contact us to discuss how JetVent can enhance the operation of your existing ILC Dover flexible isolator.

NOTE 1 JetVent is designed to respond to a breach condition equivalent to the opening of a 4-inch diameter hole in the isolator system (equivalent to a glove failure).

NOTE 2 Supply gas requirements: 90 psig and 120 m^3/hr.

ILC DOVER
BEYOND BOUNDARIES™

One Moonwalker Road
Frederica, DE 19946 USA
+1.302.335.3911
+1.800.631.9567
customer_service@ilcdover.com
www.ilcdover.com