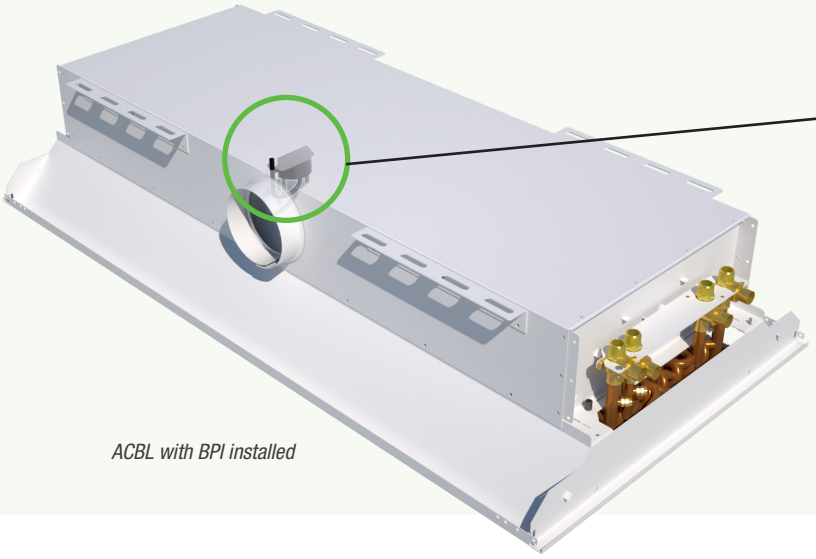
CHILLED BEAMS WITH BIPOLAR IONIZATION (BPI)

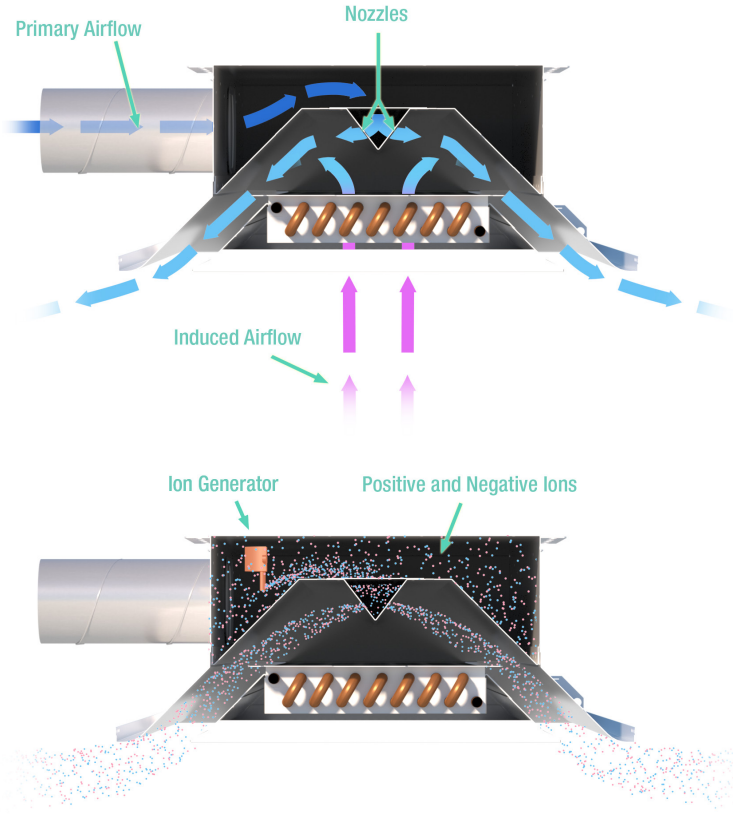
Combining the energy efficiency of chilled beams with the indoor air quality of BPI



ACBL with BPI installed

NEEDLEPOINT BIPOLAR IONIZATION DEVICE:

+ 24VAC – low voltage connection
+ UL2998 compliant for zero ozone emissions



What is Bipolar Ionization?

Bipolar Ionization can now be added to several Active Chilled Beam models. This low-maintenance system introduces large quantities of positive and negative ions into the breathing zone, increasing filter efficiencies on recirculated air and creating a healthier breathing environment for building occupants.

How it works

Ions attach to particles in the breathing zone encouraging conglomeration, or the accumulation of the charged particles. As these groups of particulates form larger clumps of particles, they will eventually fall from the breathing zone or become caught in a filter.

Application

Installing bipolar ion generators closer to the terminal devices allows for more ions to make it to the occupied space. If installed further upstream in the ductwork, many of the ions will dissipate by charging particles in the ductwork before exiting into the breathing zone.

For more information please contact the Sustainable Products team at **Sustainable@priceindustries.com**.

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