

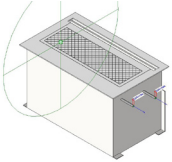


POWERED AIRE INC.®

Air Curtains & Air Doors

888-321-AIRE (2473) - Air Curtains that Push the Envelope - www.poweredaire.com

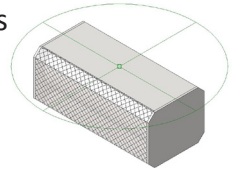
Drag and drop air curtains into ENGINEERING & ARCHITECTURAL plans!



Powered Aire Inc. announces the release of its new **BIM** objects on ARCAT!

These files are free to download.

Visit our **website** and click on **ARCAT**.



TODAY'S TIP

Powering industrial air curtains

Two technologies exist when it comes to powering today's air curtains.

- *Belt-driven air curtains are powered by an external motor and belt system located on top or in front of the unit.*
- *Direct drive air curtains have a series of motors and corresponding blowers housed within the case of the unit.*



**Direct Drive
Motor Assembly**

Direct drive, with its all-inclusive design, negates the need for external motors and belts, facilitating ease of maintenance due to fewer moving parts that need serviced such as the replacement of fan belts and alignment of couplings on the long shafts that are utilized by belt driven models.

Air curtains manufactured by Powered Aire Inc. utilize the direct drive system of positioning a motor between blowers. The air supplied by the blowers fills a plenum before being discharged so that it leaves the unit in a uniform stream that fills the entire opening.

www.poweredaire.com