

Enershield Air Barrier: Durashield

Push discomfort out the door.

Perfect for a variety of commercial applications, including shipping and receiving, warehousing, coolers and automotive.



Keep your door open and closed at the same time

Create up to a 90% seal on open doorways to keep inside air separated from outside contaminants.

Save energy and save your money

Lighten the load on your current HVAC system and lower your heating and cooling costs by blocking outside air penetration.

The investment that gives back

Businesses in selected areas of Ontario are eligible for energy rebates.

Keep workers productive and comfortable

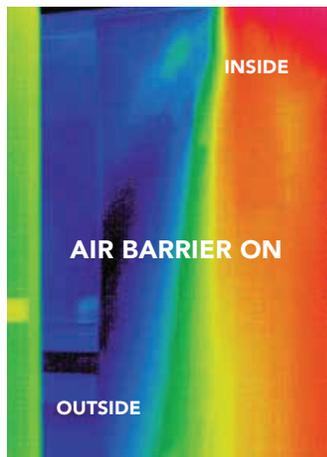
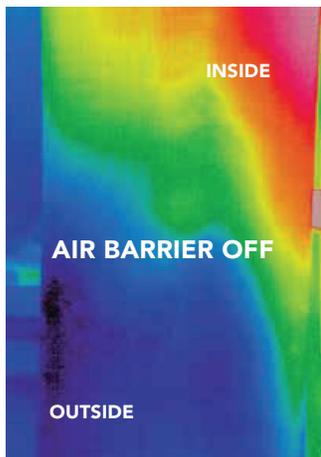
Create a strong environmental separation and prevent harsh outside temperatures and drafts from entering the facility.

Increase safety and minimize humidity

Keep your workers safe by preventing moisture and condensation build-up on the floor.

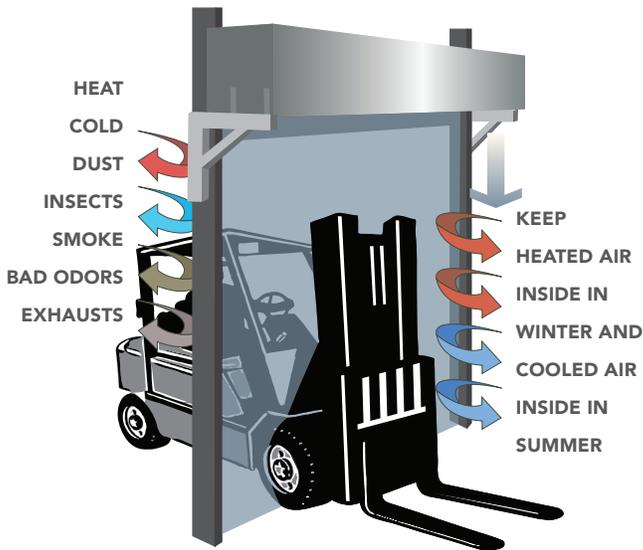
Keep contaminants out

Prevent contaminants such as insects, dust and truck exhaust fumes from entering the facility with air barriers that are tested to maintain an ideal 800-1000 fpm at the floor.



How an air barrier works

Enershield Air Barriers create an effective seal on a doorway by recirculating the air already in your facility in a laminar (smooth) flow across the doorway. The kinetic energy in the moving air generates a barrier—similar to a waterfall—that prevents leakage of air between two areas with different pressure and climate. **Smoother air results in a stronger barrier to prevent outside air penetration.**



Features

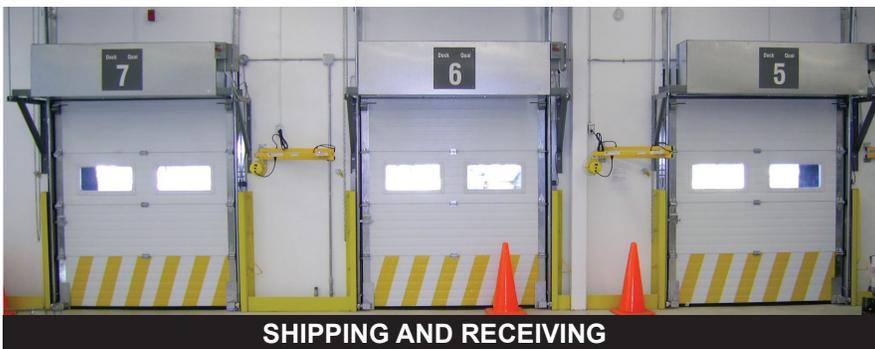
- Available Voltages: 208, 460 and 575 (direct drive motor, single phase)
- Variable speed controls for 208V only
- Welded powder-coated steel frame
- Consistent fan placement of every 2 feet
- Individual 0.5 horsepower motor drives each fan
- Quiet operation from acoustic insulation
- Maintains ideal 800-1000 fpm at the floor

Specifications

For climate control up to 10' high
Direct drive (1hp)
Cabinet (20" H x 17 1/2" W)

Durashield	DS-72	DS-96	DS-120	DS-144	DS-168	DS-192
Air velocity (fpm) (m/s)	4500/23	4500/23	4500/23	4500/23	4500/23	4500/23
Air volume (cfm) (l/s)	8475/4000	11300/5333	14125/6666	16950/8000	19775/9333	22600/10666
Motor (s) (hp)	3 @ 1/2	4 @ 1/2	5 @ 1/2	6 @ 1/2	7 @ 1/2	8 @ 1/2
Weight (lbs) (kg)	300lbs/136kg	400lbs/181kg	500lbs/227kg	600lbs/272kg	700lbs/318kg	800lbs/363kg

* Model number reflects approximate cabinet length in inches



SHIPPING AND RECEIVING



COOLER