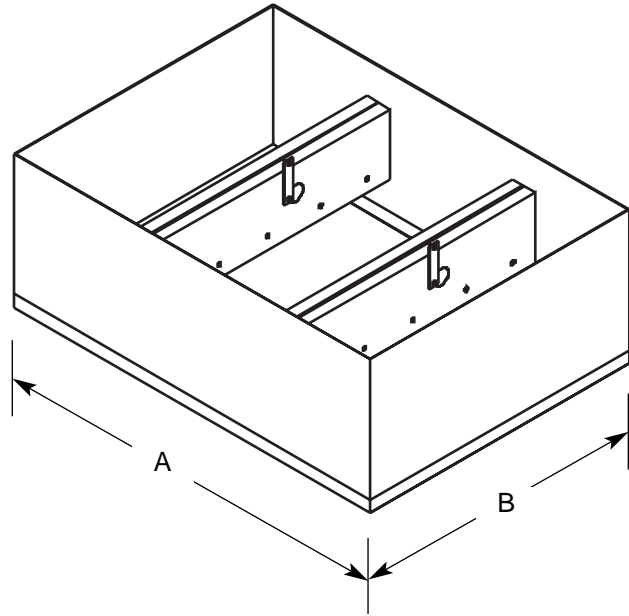
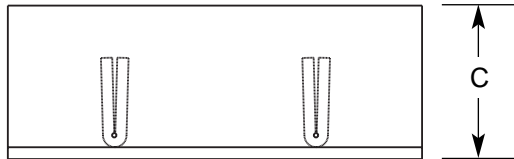


**Imperial [IP] Dimensions  
Metric (SI) in Parentheses**

CARNES COMPANY, 448 S. Main St., P. O. Box 930040, Verona, WI 53593-0040 Phone (608) 845.6411 Fax: (608) 845.6470 carnes@carnes.com



Model	A	B	C
VXCBQE	21-15/16" (557)	15-15/16" (405)	8-3/16" (208)

#### STANDARD CONSTRUCTION

**Frame**  
20 gauge galvanized steel.

**Blade**  
22 gauge galvanized steel, with UL Classified insulation as required.

**Fusible Link**  
165° F (74°C) is standard.

#### APPLICATION

UL Fire Rated Floor/Ceiling Assemblies and Roof/Ceiling Assemblies require specially tested and classified Ceiling Dampers (also called Ceiling Fire Dampers or Radiation Dampers) to provide fire and heat protection where HVAC components penetrate the ceiling membrane. Standard, 1-1/2 and 3 hr. primary fire dampers DO NOT provide the necessary protection.

Carnes model VXCBQE is UL Classified to provide protection to HVAC penetrations larger than 324 sq. in. and up to 576 sq. in. through UL fire rated assemblies with fire resistance ratings of 3 hours or less. The quantity and frequency of permissible HVAC ceiling penetrations are described in the UL Fire Resistance Directory.

**UL CLASSIFIED**  
UL555C Listing R8039