# **Traffic & Impact Doors**







# **A Phoenix Rises**

With over 150 years of combined industry experience, the team at Phoenix Door Systems is building a better company – a company that is easy to do business with... a company focused on you.

We manufacture a full line of Traffic and Impact doors, as well as door frames. From lightweight to heavy duty, our doors meet the needs and specifications of virtually every environment.

# **The Flagship**

# **Phoenix Series**



### Phoenix RD – Durable Insulated Impact Door

- ✓ Window: 16" x 16" unitized cartridge w/ dual pane clear polycarbonate
- Hinge: Top composite v-cam w/ sealed roller bearing, lower 12" composite jamb guard
- ✓ Bumper: 3" projection polyethylene teardrop

## Phoenix HD – Heavy Duty Insulated Impact Door

- ✓ Window: 20" x 22" unitized cartridge w/ dual pane clear polycarbonate
- Hinge: Top steel v-cam w/ sealed roller bearing, lower 9" aluminum jamb guard
- ✓ **Bumper:** 4" projection polyethylene teardrop

### **Phoenix Series Details**

- ✓ Construction: Polyiso foam core w/ bonded composite frame, ABS face sheets permanently fused to internal frame, 1<sup>3</sup>⁄<sub>4</sub>" overall thickness
- ✓ Options: Various window sizes, kick plates and teardrop bumpers
  A lower hinge spring assist tensioner is also available on Phoenix HD

The Phoenix Series insulated impact doors are constructed with a patent pending frame design providing unmatched strength and stability. This composite internal structure combined with a full length spine allows for incomparable long-term performance in many demanding environments.







# **Traffic Door Lineup**

## **Falcon Series**

### Falcon AL – Lightweight Aluminum

✓ **Construction:** Tempered aluminum alloy with a reinforced back spine, diamond formed leading edge, and a clear anodized finish



✓ **Construction:** Solid sheet of 1/4" high-pressure composite laminate material with a reinforced back spine, and a hinge side stainless steel edge cap



#### Falcon Series Details

- ✓ Window: 9" x 14" clear acrylic, set in black rubber self-locking molding
- Hinge: Stainless steel, smooth swing double-acting top hinge with bottom L-bracket
- ✓ Options: Various window sizes, stainless steel or ABS kick plates, lower jamb guard



## **Hawk Series**

## Hawk HC – Honeycomb Core ABS Traffic Door

- ✓ **Construction:** Honeycomb polymer core surrounded by a PVC frame, bonded with textured ABS face sheets, and protected by a hinge side stainless steel edge cap, 3/4" overall thickness
- ✓ Window: 14" x 16" clear acrylic, set in black rubber self-locking molding

#### Hawk Solid Core – Metal or Laminate Clad Traffic Door

- ✓ **Construction:** <sup>3</sup>/<sub>4</sub>" composite wood core clad with High Pressure Laminate (HPL), Aluminum (AC) or Stainless Steel (SS), and full perimeter stainless steel edge cap
- ✓ Window: 9" x 14" clear acrylic, set in black rubber self-locking molding



#### Hawk HPL

#### Hawk Series Details

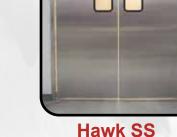


- Options: Various window sizes, kick plates, teardrop bumpers, and lower jamb guard
  - A perimeter gasket is also available on Hawk solid core doors





w/ 48" stainless steel kick plates







# **Impact Door Lineup**

# **Eagle Series**

### Eagle VC – Medium Duty Impact Door

- ✓ Construction: Wood core w/ interlocking composite edges, ABS face sheets chemically bonded to core edges, full length spine, 1½" overall thickness
- ✓ Window: 16" x 16" ABS frame w/ clear polycarbonate
- Hinge: Top steel v-cam w/ sealed roller bearing, lower 9" aluminum jamb guard
- ✓ Options: Various window sizes, kick plates, teardrop bumpers, and lower hinge spring assist tensioner



## **Condor Series**

### Condor LD – Light Duty Flexible Impact Door

- Construction: Abrasion-resistant vinyl coated nylon, top & bottom wiper gaskets, standard 12" impact plate, 3" center overlap
- ✓ Window: 15" x 14" clear polycarbonate

#### Condor MV – Max View Flexible Impact Door

- Construction: Internal PVC surrounded by vinyl outer layers on both sides, top & bottom wiper gaskets, jamb edge balloon seal, 3" center overlap
- ✓ Window: Extra large clear PVC for maximum visibility and safety

#### **Condor HD – Heavy Duty Flexible Impact Door**

- Construction: Two layers of food grade, scrim reinforced vinyl belting material bonded together, top & bottom wiper gaskets, jamb edge balloon seal, 3" center overlap
- ✓ Window: 15" x 14" clear PVC



**Condor MV** 



- ✓ **Hinge:** Top mounted gravity hinge allows door to open fully and close automatically
- Options: Various window sizes, impact plates, hinge attachment brackets and valances



Condor LD

Condor HD

ffering subject to change

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