

20D, 35D & 50D Doors

Narrow, Medium and Wide Stile Standard Entrance Systems



ENTRANCE SYSTEM

Product Description

Entrance systems by YKK AP offer an abundance of design options. VersaJamb®, our unique reinforced tubular door frame, allows for side-lite glazing without shear clips while maintaining the structural integrity of transom frames.

Door corners are mechanically joined and welded to ensure that they are more than capable of withstanding today's most demanding conditions. Standard hardware options include the Smart Series Push/Pull and touch bar exit devices. Custom entrances are available with options for one inch glazing, mid rails, high bottom rails and will accommodate most custom hardware.

Product Options & Features

- Single and Double acting door options
- Tested and manufactured well above standard grade and performance levels
- Complete Design Freedom via varied rail and stile widths
- Door Corners are mechanically joined and welded together
- Lifetime warranty on all entrance variations
- Integrates seamlessly with a variety of our YKK AP products



**YKK
ap**

Quality
inspires®



20D, 35D & 50D

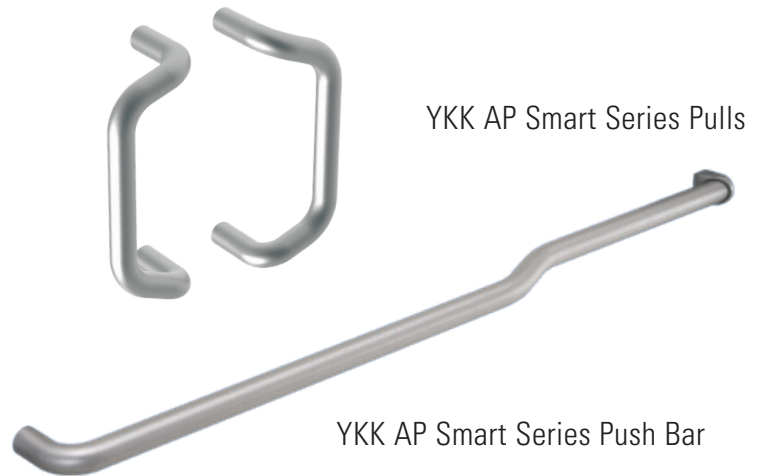
SYSTEM SPECIFICATIONS

System Stile	Glazing & Config	Glass	Air Infiltration (Single Acting Butt Hinges or Offset Pivots)	Structural Uniform Load	Structural Performance
2-1/8" Narrow 3-1/2" Medium 5" Wide	Outside & Center	Tested Glass: 1" IGU with Low-E (C.O.G. U-factor: 0.29)	Single Doors: 0.50 CFM/FT ² Paired Doors: 1.00 CFM/FT ² @ 6.24 PSF (299 Pa)	20D Single/Pair: 35 psf 35D Single/Pair: 50 psf 50D Single/Pair: 60 psf	Door corner structural strength shall be tested per YKK AP's dual moment test procedure and certified by an independent testing lab to ensure corner integrity and weld compliance. Certified test procedures and results are available upon request.
Testing Standards			ASTM E 283	ASTM E 330	N/A
Entrance Glazing Sizes			3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" & 1"		
Available Finishes			Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)		

SMART SERIES DEVICES

Smart Series Push/Pull

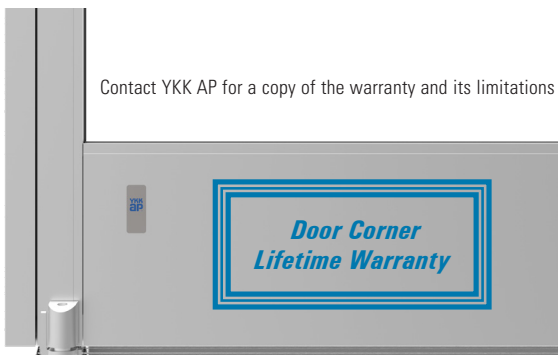
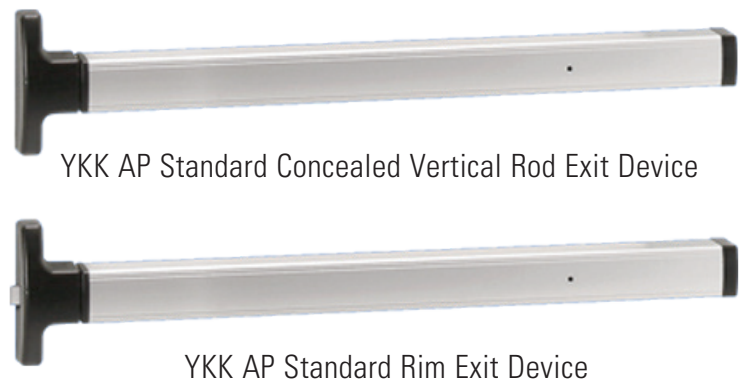
YKK AP's Smart Series one inch diameter Push/Pull provides maximum flexibility and occupant safety. The pull handle is open to permit access to the lock cylinder and is slightly angled to provide a uniquely modern look. The Smart Push starts at the locking stile similar to a typical one inch diameter push bar, but then has an ergonomic "S-Bend" toward the locking stile to bring the bar closer to the door where it is captured by a patented end cap. This innovative push bar easily accommodates custom width openings while subtly informing a pedestrian which side of the door to push on when exiting a building.



STANDARD DEVICES

YKK AP Exit Devices

The modern and economical YKK AP standard touch bar exit devices are ideally suited for all applications that require emergency egress. The devices are ANSI Grade 1, carry the UL label and are approved for Life Safety. Both the rim and concealed vertical rod devices feature single point dogging and are available with electric actuation.



Stock Entrances

- 20D Narrow Stile 3'-0" and 3'-6" x 7'-0" Singles
- 20D Narrow Stile 6'-0" x 7'-0" Pairs
- Offset Pivots, Center Pivots and Butt Hinge hanging options
- MS Lock and CVR Exit Device (Offset Pivot only)

Custom Entrances

- 20D, 35D, and 50D
- Doors up to 8'-0" Tall
- Standard and Custom Hardware

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:

www.ykkap.com/commercial/product/entrances/20d35d50d/