

611/621/626

RAPIDSLAT®



ADVANCED PERFORMANCE ROLLING STEEL SERVICE DOORS



**SPEED.
HIGH CYCLES.
SECURITY.
DURABILITY.**



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS



Advantages of RapidSlat®

RapidSlat® is an extension of the rolling steel product line and provides customers with speed and product longevity. It includes the same general construction as our rolling steel line with significant enhancements to provide increased speed, security and durability. These innovations include:

- Faster opening speed increases productivity and decreases time the door is open, reducing the loss of conditioned air
- Reliable springless operation eliminating the need for a counterbalance
- A variety of insulation, weather seal, and wind load options are available to satisfy applications in a wide range of environmental conditions
- Universal components for easy maintenance
- Field-installable accessories such as radio controls or motion detectors to match a wide range of application requirements

Easy to Operate. Easy to Service

RapidSlat® gives you everything you need in a high-performance industrial door system, including:

- Advanced diagnostics for fast and easy troubleshooting
- Advanced performance direct drive motor with variable frequency drive provides smooth operation

Performance and Durability

Building owners and operators appreciate RapidSlat® doors for speed, performance and reliability. This high performance door system has operating controls located at eye level for ease of access control and maintenance. If the curtain is damaged, door slats can be replaced with minimal downtime. RapidSlat® also features:

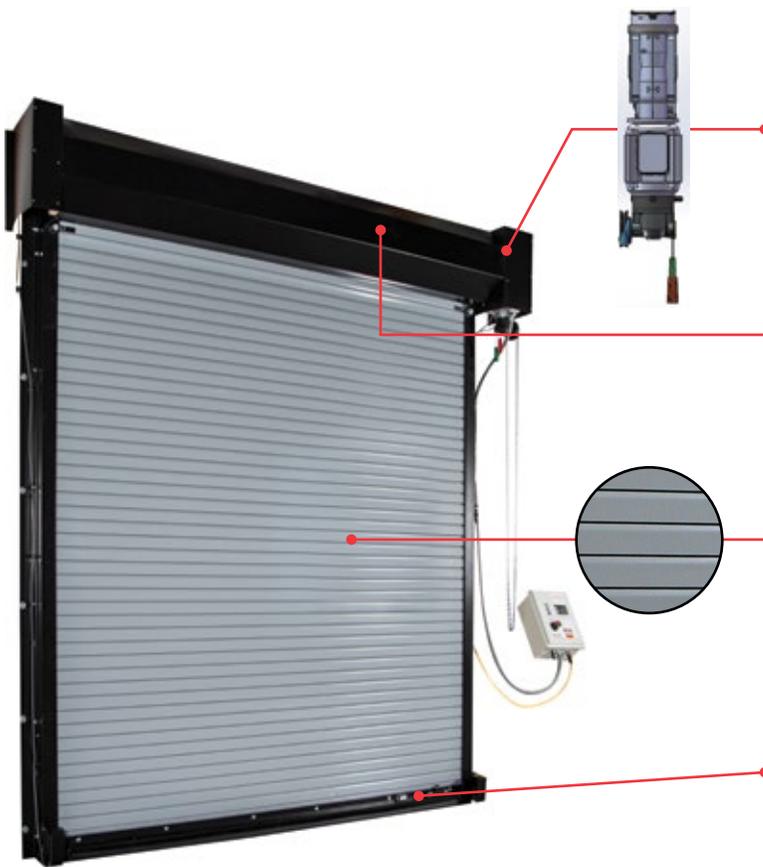
- Maximum performance and functionality with minimum maintenance requirements
- 60 month limited warranty on door system

Powder Coat Upgrade Available

Choose from a selection of approximately 200 RAL powder coat colors to match the aesthetic and design of your project. This optional color upgrade includes a hardening additive that provides an attractive and durable finish and easy-to-clean surface.

Cover image and image above:

RapidSlat® Model 626 in PowderGuard® Max powder coat in Gray.



Direct Drive Operator

Comes standard with advanced gearbox design and features gear teeth specifically designed to spread the drive and shock loads over a larger tooth contact area for reduced maintenance costs and increased durability.

Interior Hood Assembly

Protects direct drive motor, barrel, chain, built-in braking mechanism and sprocket from dirt and debris for better looks and increased durability. Optional sloped hood available for exterior mounted applications.

Curtain

Available in a variety of slat styles (including insulated and non-insulated), steel gauges and materials (including stainless steel and aluminum). Complete with PowderGuard® Max hardened powder coat.

Built-in Variable Frequency Drive

Allows door to close at a slower speed than it opens for added safety and less wear on the door, motor, and components.

Continuously Monitored Wireless Sensing Edge

All doors are equipped with a mandatory reversing or sensing edge to prevent entrapment, cleaner install and functional improvements with wireless edge.

Hand Chain Override System

Easy override system in case of power outage.



Built-in Safety Features

Unlike most rolling steel doors, RapidSlat® comes standard with photo cells featuring impact resistant steel guards.



NEMA 4X Control Panel

Can be mounted in interior or exterior applications because it is corrosion-resistant. Easy to install control system LCD readouts indicate door action, alarm and fault conditions. Includes built-in timer and non-resettable cycle counter for maintenance and service reminders. Door control system meets UL508A standards.

RAPIDSLAT® MODEL 611 is well suited for any application that requires a rolling steel door with the added benefits of increased productivity and durability including banks, manufacturing facilities, and parking garages. It is an ideal solution for facility managers seeking to replace parking garage grilles. The fenestrated slat option allows for air circulation and visibility as well as the integrity and durability of a service door.



Model 611,C-275 slat profile, fully fenestrated (3"x5/8") curtain in tan finish



Standard Features at a Glance

Standard Max Width ^Δ	Up to 30' (9246 mm) depending on gauge and slat type
Standard Max Height ^Δ	Up to 20' (6096 mm) depending on gauge and slat type
Mounting	Interior or exterior face-of-wall
Control Panel	Variable frequency drive controller with self-diagnostics (Timer to close programming options and non-resettable cycle counter are included); LCD readout, enclosure NEMA 4X rated
Curtain	Galvanized steel interlocking roll-formed slats, end locks attached to prevent lateral movement; Curved profile type C-187 for doors up to 15'4" wide – 22-gauge; Curved profile type C-275 for doors from 15'5" to 18'4" wide – 22-gauge; From 18'5" to 25'4" wide – 20-gauge; From 25'5" to 30'0" wide – 18-gauge galvanized steel
Curtain Finish	Gray, Tan or White PowderGuard® Max hardened powder coat
BottomBar	Two PowderGuard® Premium powder coated black angles (min. thickness 3/16") with wireless, monitored sensing edge
Brackets	Minimum 1/4" hot rolled primed PowderGuard® Premium powder coated black steel
Guides	Three structural steel angles PowderGuard® Premium powder coated black
Door Roll	Direct driven, springless roll with integrated shafts; self-aligning greaseable sealed bearings; Door does not require counterbalance device
Hood	24-gauge galvanized steel primed, black painted
Safety Devices	Built-in braking mechanism – provides additional peace-of-mind against uncontrolled curtain travel Wireless monitored sensing edge – all doors are equipped with a mandatory reversing sensing edge to prevent entrapment. If the edge itself is damaged, it will need to be replaced in order for the door to operate without constant contact Photoelectric safety sensors with guards – provide additional safety during door operation to help prevent injury and damage Standard motor cover
Operation	Direct drive integrated gear/motor/brake assembly (up to 24" per second up speed / 12" per second down speed); drive assembly and limit sensors are factory pre-assembled. Manual hand chain for power outage. Horsepower is appropriate to door size/weight; 230V AC 3-phase motor. Motor options: 208V AC 1PH*, 220V AC 1PH, 208V AC 3PH*, 230V AC 3PH, 460V AC 3PH, 575V AC 3PH* (* Requires stand-alone mounted transformer; provided based on desired voltage, consult factory.)
Actuator	Single open/close/stop push button station incorporated into control panel
Wind Load	20 psf when optional wear strips are not specified
Warranty	60 month limited warranty coverage on door system

Options

- Operator options*: Available options for supply voltages 220-240V AC 1-phase; 440-480V AC 3-phase; 575V AC 3-phase (575V requires additional transformer)
- Curved profile type C-187 for doors up to 15'4" wide. Available in: 20, 18-gauge galvanized steel; 22, 20-gauge stainless steel; 18-gauge (0.044") aluminum
- Curved profile type C-275 for doors up to 30' wide. Available in: 20, 18-gauge galvanized steel; 22, 20-gauge stainless steel; 16-gauge (.050") aluminum**
- Flat profile type F-265 for doors up to 30' wide. Available in: 20, 18-gauge galvanized steel, 22, 20-gauge stainless steel; 16-gauge (.050") aluminum
- For fenestrated service doors, provide slats with 3" x 5/8" (C-275 or F-265 slats) or 10" x 1" (F-265 slat) uniformly spaced openings. The fenestrations can be open or with acrylic vision lites
- For ventilated/perforated service doors, provide slats with 1/16" (16 mm) diameter perforations 3/32" (2.4 mm) on center staggered rows (18-gauge C-275) (18-gauge F-265)
- Bottom bar also available in galvanized steel, stainless steel and aluminum
- Guide options include galvanized steel, power coated steel and PowerGuard® zinc finish base coat
- High usage wear strips (not available with high wind load option)
- Hood also available in powder coat, stainless steel and aluminum; sloped hood also available
- Brackets also available in powder coat and PowerGuard® zinc finish base coat
- Dual photoelectric sensors available for safety
- Optional push buttons, loop detectors, radio control, motion detectors or any combination thereof available for door operation/control (wireless accessories available)
- PowderGuard® Max hardened powder coat available in approximately 200 colors as well as color-matching to specification
- PowderGuard® Textured Finish: Industrial textured powder coat provides a thicker, more scratch resistant coat for added product protection on guides, bottom bar and head plate
- High wind load options available

^Δ Maximum height and width are independent of each other and may vary based on slat profile, material and gauge. Larger sizes may be available. Contact your distributor for more information.
 * If the voltage is too low, a transformer may be needed. Larger doors may not be available with 1-phase power. Consult factory for more information.
 ** Consult factory for specific stat profile and gauge width limits.

RAPIDSLAT® MODEL 621 Stormtite™ is best suited to situations and applications with weather extremes. For example, agricultural facilities in the Midwest would benefit from the door's rugged construction and perimeter seal protection.



Model 621 Stormtite™ F-265 slat curtain is finished with PowderGuard® Premium with hardening additive in tan.



Standard Features at a Glance

Standard Max Width ^Δ	Up to 30' (9246 mm) depending on gauge and slat type
Standard Max Height ^Δ	Up to 20' (6096 mm) depending on gauge and slat type
Mounting	Interior or exterior face-of-wall
Control Panel	Variable frequency drive controller with self-diagnostics (Timer to close programming options and non-resettable cycle counter are included); LCD readout, enclosure NEMA 4X rated
Curtain	Galvanized steel interlocking roll-formed slats, end locks attached to prevent lateral movement; Flat profile type F-265 for doors up to 18'4" wide – 22-gauge From 18'5" to 25'4" wide – 20-gauge ; From 25'5" to 30'0" wide – 18-gauge
Curtain Finish	Gray, Tan or White PowderGuard® Max hardened powder coat
Bottom Bar	Two PowderGuard® Premium powder coated angles (min. thickness 3/16") with wireless, monitored sensing edge
Brackets	Minimum 1/4" hot rolled PowderGuard® Premium powder coated black steel
Guides	Three structural steel angles PowderGuard® Premium powder coated black
Door Roll	Direct driven, springless roll with integrated shafts; self-aligning greaseable sealed bearings; door does not require counterbalance device
Hood	24-gauge galvanized steel primed, black painted; interior hood baffle included
Safety Devices	Built-in braking mechanism – provides additional peace-of-mind against uncontrolled curtain travel Wireless monitored sensing edge – all doors are equipped with a mandatory reversing sensing edge to prevent entrapment. If the edge itself is damaged, it will need to be replaced in order for the door to operate without constant contact Photoelectric safety sensors with guards – provide additional safety during door operation to help prevent injury and damage Standard motor cover
Operation	Direct drive integrated gear/motor/brake assembly (up to 24" per second up speed / 12" per second down speed); drive assembly and limit sensors are factory pre-assembled. Manual hand chain for power outage. Horsepower is appropriate to door size/weight; 230V AC 3-phase motor. Motor options: 208V AC 1PH ⁺ , 220V AC 1PH, 208V AC 3PH ⁺ , 230V AC 3PH, 460V AC 3PH, 575V AC 3PH ⁺ (+ Requires stand-alone mounted transformer; provided based on desired voltage, consult factory.)
Actuator	Single open/close/stop push button station incorporated into control panel
Wind Load	20 psf when optional wear strips are not specified
Warranty	60 month limited warranty coverage on door system

Options

Operator options*: Available options for supply voltages 220-240V AC 1-phase; 440-480V AC 3-phase; 575V AC 3-phase (575V requires additional transformer)

Flat profile type F-265 for doors up to 30' wide. Available in: 20, 18-gauge galvanized steel; 22, 20-gauge stainless steel; 16-gauge (.050") aluminum**

Bottom bar also available in: galvanized steel, stainless steel and aluminum

Guide options include galvanized steel, powder coated steel and PowerGuard® zinc finish base coat

High usage wear strips (not available with high wind load option)

Hood also available in powder coat, stainless steel and aluminum; sloped hood also available

Brackets also available in powder coat and PowerGuard® zinc finish base coat

Dual photoelectric sensors available for safety

Optional push buttons, loop detectors, radio control, motion detectors or any combination thereof available for door operation/control (wireless accessories available)

PowderGuard® Max hardened powder coat available in approximately 200 colors as well as color-matching to specification

PowderGuard® Textured Finish: Industrial textured powder coat provides a thicker, more scratch resistant coat for added product protection on guides, bottom bar and head plate

Clear or bronze anodized aluminum

Uniformly spaced glazed acrylic vision lites available in 3" x 5/8" or 10" x 1"

High wind load options available

^Δ Maximum height and width are independent of each other and may vary based on slat profile, material and gauge.

* If the voltage is too low, a transformer may be needed. Larger doors may not be available with 1-phase power. Consult factory for more information.

** Consult factory for specific stat profile and gauge width limits.

RAPIDSLAT®

MODEL 626 Stormtite™ is perfect for climate controlled situations and applications with weather extremes such as external doors on a food manufacturing facility.



Image above:

Model 626 with F265i slat in PowderGuard® Premium powder coat finish with hardening additive in gray.



Standard Features at a Glance

Standard Max Width ^A	Up to 30' (9246 mm) depending on gauge and slat type
Standard Max Height ^A	Up to 20' (6096 mm) depending on gauge and slat type
Insulation	R-value [†] of 7.71 for energy-efficiency. U-value of .13 and STC Rating of 21
Mounting	Interior or exterior face-of-wall
Control Panel	Variable frequency drive controller with self-diagnostics (Timer to close programming options and non-resettable cycle counter are included); LCD readout, enclosure NEMA 4X rated
Curtain	Galvanized steel interlocking roll-formed slats, end locks attached to prevent lateral movement; Insulated flat profile type F-265i for doors up to 30' wide – front and back slats 24-gauge; Slat cavity shall be filled with CFC/HCFC-free, foamed-in-place, polyurethane insulation
Curtain Finish	Gray, Tan or White PowderGuard® Max hardened powder coat
Bottom Bar	Two PowderGuard® Premium powder coated angles (min. thickness 3/16") with wireless, monitored sensing edge
Brackets	Minimum 1/4" hot rolled PowderGuard® Premium powder coated black steel
Guides	Three structural steel angles PowderGuard® Premium powder coated black
Door Roll	Direct driven, springless roll with integrated shafts; self-aligning greaseable sealed bearings; door does not require counterbalance device
Hood	24-gauge galvanized steel primed, black painted; interior hood baffle included
Safety Devices	Built-in braking mechanism – provides additional peace-of-mind against uncontrolled curtain travel Wireless monitored sensing edge – all doors are equipped with a mandatory reversing sensing edge to prevent entrapment. If the edge itself is damaged, it will need to be replaced in order for the door to operate without constant contact Photoelectric safety sensors with guards – provide additional safety during door operation to help prevent injury and damage Standard motor cover
Operation	Direct drive integrated gear/motor/brake assembly (up to 24" per sec up speed / 12" per sec down speed); drive assembly and limit sensors are factory pre-assembled. Manual hand chain for power outage. Horsepower is appropriate to door size/weight; 230V AC 3-phase motor. Motor options: 208V AC 1PH ⁺ , 220V AC 1PH, 208V AC 3PH ⁺ , 230V AC 3PH, 460V AC 3PH, 575V AC 3PH ⁺ (+ Requires stand-alone mounted transformer; provided based on desired voltage, consult factory.)
Actuator	Single open/close/stop push button station incorporated into control panel
Wind Load	20 psf when optional wear strips are not specified
Warranty	60 month limited warranty coverage on door system

Options

Operator options*: Available options for supply voltages 220-240V AC 1-phase; 440-480V AC 3-phase; 575V AC 3-phase (575V requires additional transformer)

Flat profile type F-265i for doors up to 30' wide. Available in:
 (Front slat) 22, 20, 18-gauge galvanized steel; 22, 20-gauge stainless steel; 18-gauge (.040") aluminum
 (Back slat) 22-gauge steel; 24-gauge stainless steel; 22-gauge (.024") aluminum**

Bottom bar also available in galvanized steel, stainless steel and aluminum

Guide options include galvanized steel, power-coated steel and PowerGuard® zinc finish base coat

High usage wear strips (not available with high wind load option)

Hood also available in powder coat, stainless steel and aluminum; sloped hood also available

Brackets also available in powdercoat and PowerGuard® zinc finish base coat

Dual photoelectric sensors available for safety

Optional push buttons, loop detectors, radio control, motion detectors or any combination thereof available for door operation/control (wireless accessories available)

PowderGuard® Max hardened powder coat available in approximately 200 colors as well as color-matching to specification

PowderGuard® Textured Finish: Industrial textured powder coat provides a thicker, more scratch resistant coat for added product protection on guides, bottom bar and head plate

Clear or bronze anodized aluminum

Uniformly spaced double glazed acrylic vision lites available in 10"x 1"

High wind load options available

[†] **R-value:** R-value is a measure of thermal efficiency. The higher the R-value the greater the insulating properties of the door. Overhead Door Corporation uses a calculated door section R-value for our insulated doors.

^A Maximum height and width are independent of each other and may vary based on slat profile, material and gauge.

* If the voltage is too low, a transformer may be needed. Larger doors may not be available with 1-phase power. Consult factory for more information.

** Consult factory for specific slat profile and gauge width limits.

Slat Styles

A variety of slat styles in steel, aluminum and stainless steel are available including curved, flat, insulated flat, perforated and fenestrated. Perforation only available on F-265 slat profile. Fenestration option available on F-265 and C-275. C-187 slats cannot be used for completely fenestrated doors. Slats can be replaced quickly, minimizing downtime.

C-187 Slat

F-265 Slat



C-275 Slat

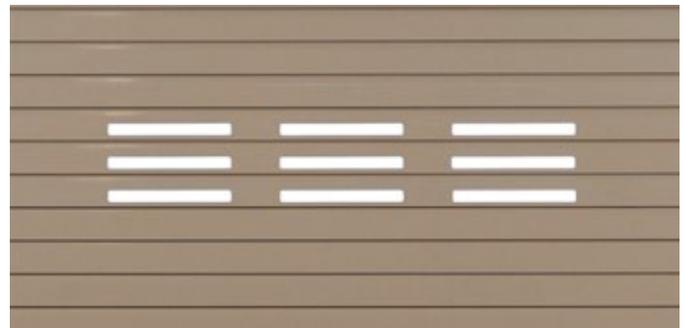
F-265i Slat



Fenestrated Slat Close-up View



Curved slat with 3"x 5/8" fenestration

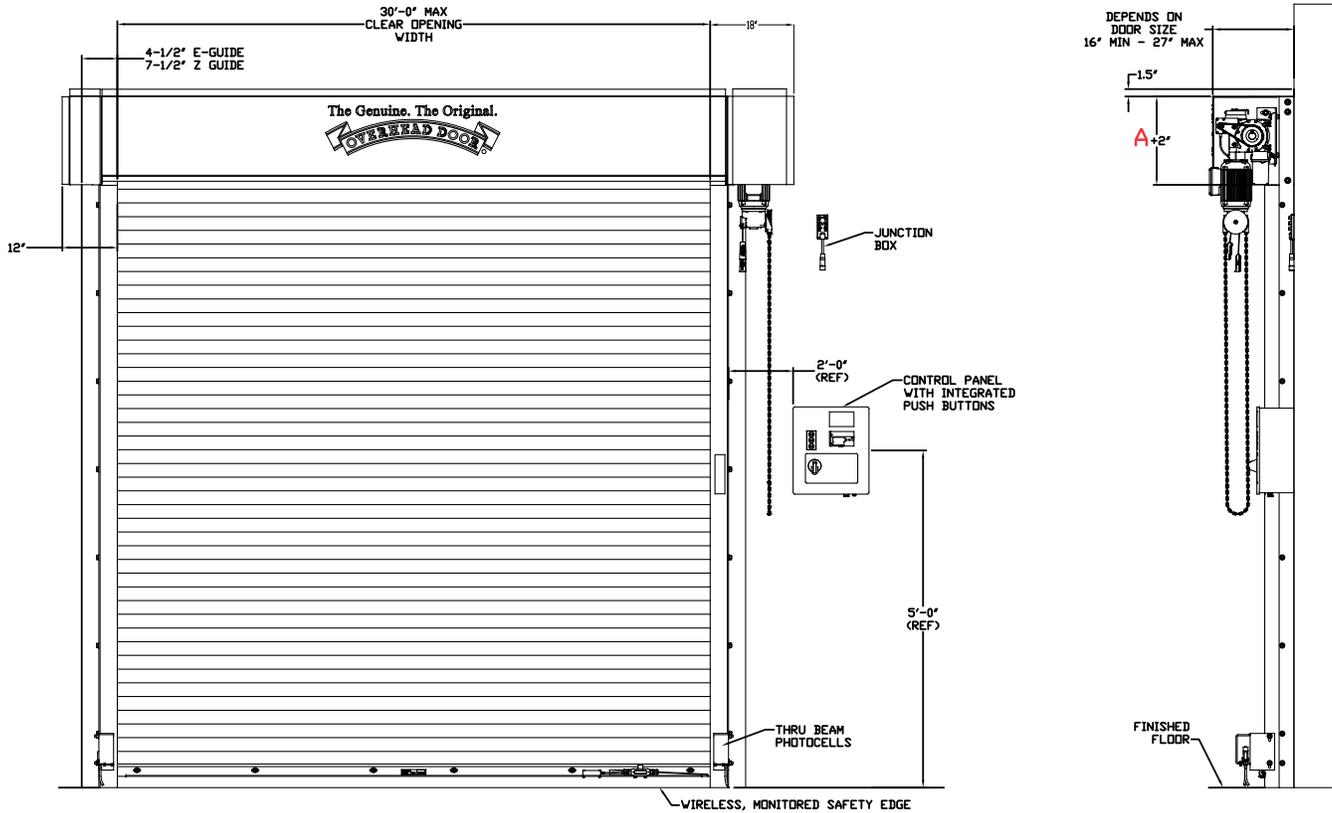


F265 with 10" x 1" fenestration



Face-of-wall Mounted

RapidSlat® doors mount flush against the wall instead of between the door jambs for maximum opening space and reduced door damage.



Dimension A by Slat Type

C-187 Slat		C-275 Slat		F-265 Slat		F-265i Slat	
Opening Height	A						
Through 8'0"	14"	Through 5'0"	14"	Through 9'0"	16"	Through 7'0"	16"
Through 14'0"	16"	Through 10'0"	16"	Through 14'0"	18"	Through 11'0"	18"
Through 20'0"	18"	Through 15'0"	18"	Through 20'0"	20"	Through 16'0"	20"
		Through 20'0"	20"			Through 20'0"	22"

G2 LEVEL PARKING

RapidSlat® Model 621, C-265 slat, Gray PowderGuard® Max hardened powder coat in Gray



Architect's Corner

A resource for architects, containing comprehensive technical and resource materials to support your project, including drawings and specifications for commercial doors.

overheaddoor.com

The original, innovative choice for unequalled quality and service.

Overhead Door Corporation pioneered the sectional garage door industry, inventing the first sectional garage door in 1921 and the first electric door operator in 1926. Today, we continue to be the industry leader through the strength of our product innovation, superior craftsmanship and outstanding customer support, underscoring a legacy of quality, expertise and integrity. That's why design and construction professionals specify Overhead Door™ products more often than any other brand. Our family of over 400 Overhead Door™ Distributors across the U.S. and Canada not only share our name and logo, but also our commitment to excellence.



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