



RapidCoil™ RC300

RapidCoil RC300 High Speed Door

Designed for applications up to 18' wide and 18' high, RC300 doors provide reliable environment control while increasing productivity and safety. "Push Pull" technology provides superior performance in high pressure environments and reduces maintenance. Soft curtain design is crash forgiving, self re-inserting, and exceptionally safe for users.



High Speed Operation:

Variable speed operation of 48" per second. Up to 96" per second opening speed is an optional benefit. The gear driven push pull system drives the curtain in both directions.



Safety Engineered:

Soft Curtain is free of stiffeners, as well as rigid wind bars or bottom bars, and runs in side guides to prevent harm to users. The curtain is also free of straps that may cause additional injury. The Soft Curtain design is flexible, and gently molds to any object or persons it comes in contact with, preventing injury.



Self Re-Inserting:

Automatic re-insertion reduces maintenance and downtime. In the event of an impact, the door is designed to dislodge from the side guides and automatically return to the open position with no need for manual intervention.

Specifications

Door Size:

Raynor RC300 has a maximum door size of 18'x18'. Minimum size of 3'x7'

Door Operation:

Gear driven "Push-Pull" system positively drives the curtain both directions eliminating maintenance and damage prone tension systems, wind stiffeners and bottom bars.

Optional Egress Systems:

Choose our fully code compliant emergency Egress System for added safety.

Guide and Seal Technology:

1/8" thick galvanized steel with spring loaded UHMW inner guides allows for movement and deflection under pressure. The inner profile perfectly encapsulates the curtain drive locks, forming a near perfect seal. Wear and damage prone blade and brush systems are eliminated.

Drive Unit:

NEMA 4 rated direct drive unit utilizes soft start/stop technology, absolute encoder and dynamic braking. Maintenance prone limit switches and mechanical brakes are eliminated.

Control System:

The state of the art control system is user friendly and provides self diagnostic and programming functions. The NEMA 4x rated enclosure includes an open button and emergency stop.

Door Curtain:

27 oz. reinforced PVC vinyl, with your choice of 9 colors; blue, red, orange, yellow, white, gray, green, black and brown. Optional luminous daylight fabric material is available in white only.



Features and Benefits

Push Pull Technology:

Positive drive design eliminates wind stiffeners, tension systems and weighted bottom bars.

Full Automatic Re-insertion:

Door automatically re-inserts without manual intervention.

Interior/Exterior Performance:

Withstands and operates in moderate to high wind load or pressure.

Guide and Seal:

Friction free UHMW inner guide provides virtually perfect seal.

Advanced Drive Unit:

NEMA 4 motor incorporates absolute encoder and dynamic braking.

Control System:

A state of the art controller is self diagnostic and easy to program.

Vision:

Optional 15" vision banner or 24" x 24" individual windows and bug screens are available

Warranty:

Raynor's RC300 includes an industry leading 5 year unlimited cycle warranty on the drive motor and 5 years on fabric workmanship. One year on balance of components.



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