RAYNOR GARAGE DOORS

# DuraCoil™ HP

## High Performance Rolling Steel Doors

Every DuraCoil high performance rolling steel door is built for superior performance and maximum security. Enjoy a faster door with a longer cycle life and increased reliability with next to no maintenance. This door is great for parking garages, automotive dealerships, and many other various types of manufacturing facilities.

**Engineered for High Cycles**
The DuraCoil HP HFF and HIF door models offer proven reliability and longevity along with a 300,000 cycle warranty*.

**Low Maintenance**
Springs are a common area of maintenance. Since this door does not have springs, it eliminates the need for a counterbalance system therefore creating a very low maintenance door for years to come.

**Greater Energy Savings**
Operating at speeds of up to 24 inches per second means less time for air exchange, allowing for increased energy efficiencies throughout the facility.

**Smooth Operation**
The ControlHoist variable frequency direct drive operator has a soft start and stop feature, allowing for a very smooth open and close operation of the door.

*Raynor warrants the door, electrical operator and their component parts for 300,000 cycles or two years (whichever comes first) against defects in material and workmanship. See your local Raynor Dealer for complete details.

# DuraCoil™ HP

## Slat Style Options

**Flat Slats (HFF)**
DuraCoil HP Flat Slats are ideal when weatherseal is used. Interlocking roll-formed flat slats offer a great look for a variety of opening sizes.

**Insulated Flat Slats (HIF)**
DuraCoil HP Insulated Flat Slat doors offer increased thermal efficiency. Our Flat Insulated Slats have a calculated R-Value of 6.24.

## Color/Finish Options

| | |
|---|---|
| White | Gray |
| Tan | Stainless Steel* |

The swatches shown on monitors and printed materials may vary from the actual color. For a true representation of the color, visit your local Raynor Dealer.
*Optional Upgrades

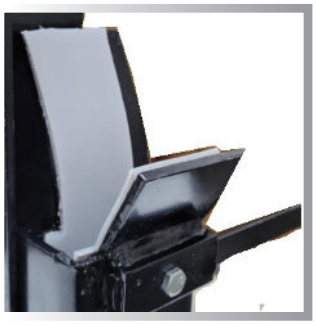
**188 ArmorBrite™ Colors**

Choose your color! Nearly every Raynor rolling door component (curtain slats, bottom bars, guides, hoods and head plates) can be powder coated in any of 188 colors for an attractive appearance and exceptional durability.

## Standard Features

**Curtain**
Each DuraCoil HP curtain is assembled with durable commercial grade slats using your choice of steel or stainless steel.

**Curtain Hood**
DuraCoil HP service doors feature a full-width, 24 gauge steel hood to protect your investment.



**Guides and End Locks**
Rugged steel angle guides provide maximum support for curtain slats. Zinc-plated, malleable cast-iron end locks prevent lateral movement of the curtain slats. High cycle UHMW applied inside the front and middle guides to reduce curtain wear.

**Bottom Bar**
Curtain bottoms are structurally reinforced with a minimum of two steel angles for maximum durability. A bottom astragal is included on all doors. UHMW applied to the ends of the bottom bar extend the lifetime of the curtain.

## ControlHoist CDD Operator

All of our high performance doors feature our ControlHoist direct drive operator. This operator is specifically designed for applications where optimized performance, reliability, speed, and lifespan are required. This operator features a soft start and stop for a smooth open and close, resulting in less wear on the door and less overall maintenance. Manual chain included for power outage.

## Control Panel

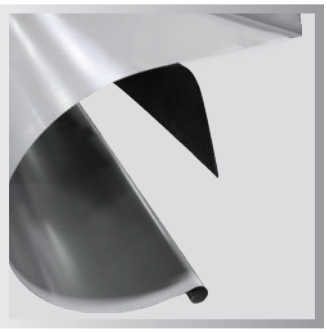
These doors have an easy to use control panel. Raynor's DuraCoil high performance rolling steel doors come standard with a logic board and have the option to upgrade to a PLC board.

| Model | Slat Profile | Slat Material (Thickness) | Slat Sizes | Maximum Width | Maximum Height | Color/Finish | Guides |
|---|---|---|---|---|---|---|---|
| HFF | Flat | Steel 22, 20, 18 gauge | 2-9/16" x 25/32" | 20' | 14' | White, Gray, Tan, ArmorBrite Powder Coated or Galvanized Finish | Steel Angles |
| | | Stainless Steel 22, 20 gauge | | 20' | 14' | Stainless Steel #4 Finish | |
| HIF | Insulated Flat | Steel 22, 20, 18 gauge | 2-9/16" x 13/16" | 20' | 14' | White, Gray, Tan, ArmorBrite Powder Coated, or Galvanized Finish | Steel Angles |
| | | Stainless Steel 22, 20 gauge | | 20' | 14' | Stainless Steel #4 Finish | |

NOTE: Contact factory for special sizes.

DURACOIL LIMITED WARRANTY: Raynor warrants the door, electrical operator and their component parts for 300,000 cycles or two years (whichever comes first) against defects in material and workmanship. See your local Raynor Dealer for complete details.

## Energy-Saving Options

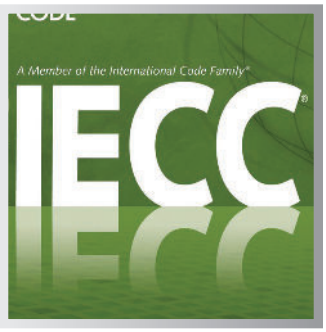


**Rubber Hood Baffle**
Our rubber hood baffle consists of a reinforced neoprene sheet resting on the curtain to help minimize air infiltration. We also offer a rubber head seal for increased energy savings.

**Sound Transmission Class Rating**
Sound Transmission Class rating applies to HIF (Insulated Flat Slat) models only.

- STC 22 without brushed header seal
- STC 23 with brushed header seal

**Vinyl Guide Seal**
A vinyl extrusion decreases energy costs and reduces air infiltration by sealing the side of the door when closed. Brushed seal and rubber guide seal are also available.




**IECC Compliance Option**
Raynor DuraCoil High Performance Insulated Flat Slat (HIF) doors comply with the 2018 IECC (International Energy Conservation Code) requirements of a maximum air leakage rate of 1.0 CFM/FT2. Raynor's DuraCoil (HIF) door outperformed the IECC requirements by achieving an air infiltration rate of .47 CFM/FT2, and a tested U-Factor of 0.90, both validated by an independent testing agency. This IECC compliance option includes a vinyl guide seal, rubber hood baffle and a rubber header seal.

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