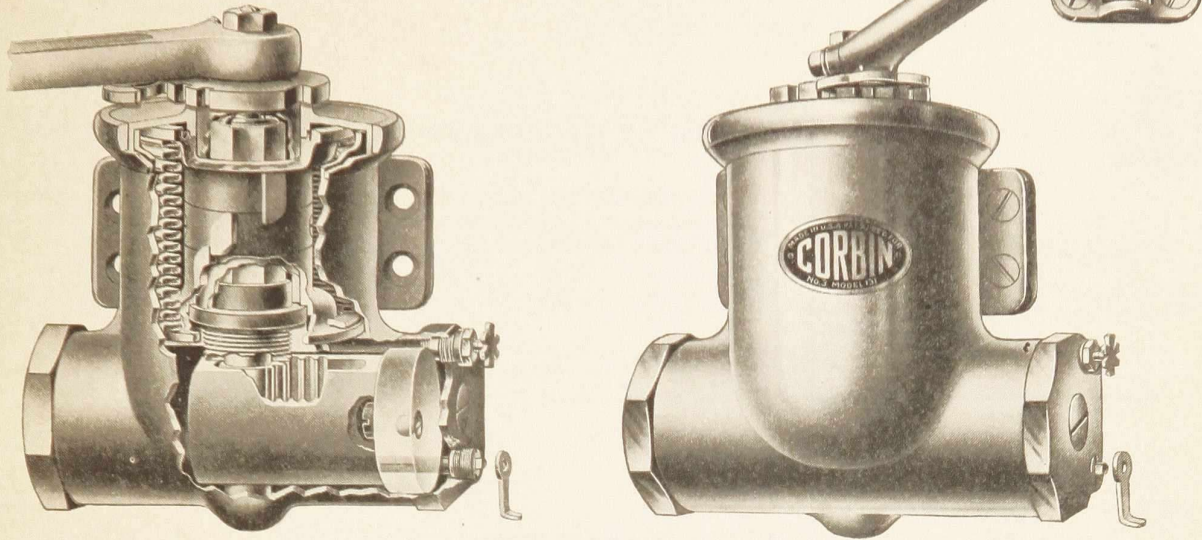




Door Check and Spring

MODEL 131



It is very generally recognized that the Corbin door check meets most perfectly all the conditions of difficult and exacting requirements. It is this recognition which has led to the adoption of the Corbin door check for the entrances of the largest terminal stations of the country where throngs pass in and out and strong draughts are encountered; in public and office buildings where the cost of up-keep and trouble of frequent attention are carefully considered, and in many other places where the requirements are severe. It is mechanically correct, well made, generous in its design, and contains features of unusual merit which have warranted the favor it has received.

It is right or left hand without change; can be used upon any door and can be easily applied by following the simple instructions packed in each box. It is not affected by extremes of temperature, and by a turn of a screw can be adjusted to any draught. Special adaptations fit it to unusual installations, and it responds satisfactorily to all demands. The sizes recommended have a greater margin of capacity for the work assigned than others less sturdily built or less efficient in mechanism.

SPECIALIZED SPEED CONTROL It has one characteristic feature which makes it easily the leader in its field. Through a dual valve control, it is possible to regulate the speed of closing of the door. It can be made to move quickly to a point near the jamb and then close slowly, or it can be made to close at a uniform rate of speed. In each instance, the adjustment is simple, accurate and easy to make, by means of the two valves. No other door check has this function so easily manipulated that anyone can make the adjustments.

By adjusting the angle of the arm to the check, a strong impulse or pull can be given at the latch bolt as the door enters the strike, ensuring complete closing.

The **SPRING** is light, long, and resilient. The tension is evenly distributed over twenty coils of flat wire which are so made that they do not touch each other, eliminating internal friction and permitting the full power of the spring to be exerted in performing its function.

The **RACK AND PINION** keep the door under checking control from the moment the motion of closing begins until the door touches the stop noiselessly and is held in close contact with it.

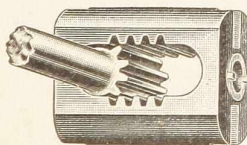
The **LIQUID** is a special Corbin compound of the proper viscosity and not affected by extremes of temperature. Under tests, it functions perfectly at 59° F. below zero.

There are but four moving parts.



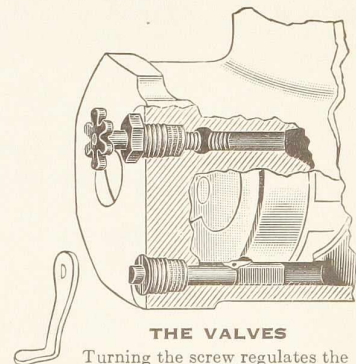
THE SPRING

Tension evenly distributed over entire length reduces strain



RACK AND PINION

The lower end of the pintle engages the rack attached to the piston head, giving direct and constant control.



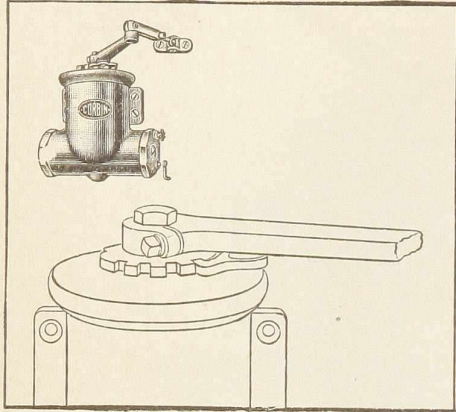
THE VALVES

Turning the screw regulates the speed of closing



Door Check and Spring

MODEL 131

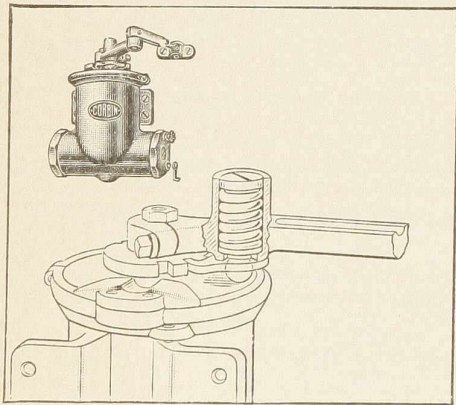


1 to 16 1/2

Sizes 2, 3, 4, 5, and 6 approved by National Board of Fire Underwriters

Unpolished iron checks are regularly furnished Columbian Bronzed. Also furnished Aluminum Bronzed, Dead Black, Maroon, Galvanized, Imitation Plated Finishes or Plated Finishes, when so ordered.

CAST IRON		CAST BRONZE		CLASSIFICATION	Weight Each
Unpolished	Polished Plated	Unpolished	Polished		
1	11	1 1/2	1 1/2	For screen doors	6 1/4 lbs.
2	12	2 1/2	2 1/2	For door between dining room and butler's pantry, car doors, etc., or any light inside door not over 7 feet by 3 feet	8 1/4 "
3	13	3 1/2	3 1/2	For vestibule doors, steamboat doors, heavy inside doors, or any outside door not larger than 7 feet by 2 1/2 feet	13 1/2 "
4	14	4 1/2	4 1/2	For outside doors not larger than 7 1/2 feet by 3 feet	17 3/4 "
5	15	5 1/2	5 1/2	For doors not larger than 7 1/2 feet by 4 feet	22 "
6	16	6 1/2	6 1/2	For extra high doors and extra heavy doors, such as are used in public buildings, stores, hotels, railroad depots, etc.	27 "



101 to 116 1/2

With Automatic Hold-Back Attachment

CAST IRON		CAST BRONZE		CLASSIFICATION	Weight Each
Unpolished	Polished Plated	Unpolished	Polished		
101	111	10 1/2	11 1/2	For screen doors	6 1/2 lbs.
102	112	10 1/2	11 1/2	For door between dining room and butler's pantry, car doors, etc., or any light inside door not over 7 feet by 3 feet	9 1/4 "
103	113	10 3/2	11 3/2	For vestibule doors, steamboat doors, heavy inside doors, or any outside door not larger than 7 feet by 2 1/2 feet	13 3/4 "
104	114	10 4/2	11 4/2	For outside doors not larger than 7 1/2 feet by 3 feet	18 "
105	115	10 5/2	11 5/2	For doors not larger than 7 1/2 feet by 4 feet	22 3/4 "
106	116	10 6/2	11 6/2	For extra high doors and extra heavy doors, such as are used in public buildings, stores, hotels, railroad depots, etc.	27 "

The hold-back attachment can be adjusted to hold the door open at any angle

One in a box, with screws

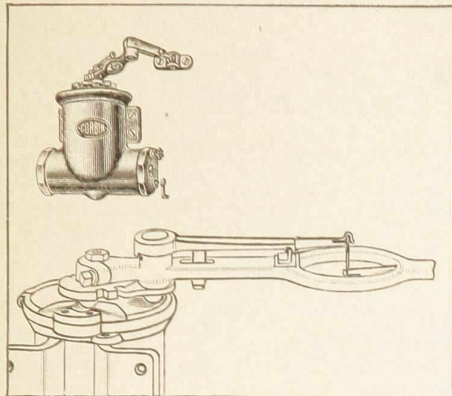
Sizes 1 and 2, six only; size 3, five only; size 4, four only; size 5, three only; size 6, two only in a case

Prefix letters for finish. Description of finishes, page VI



Door Check and Spring

MODEL 131



523, 524

HOLD BACK TYPE WITH FUSIBLE LINK FOR FIRE DOORS

Approved by National Board of Fire Underwriters.

The fusible link melts in case of fire, releasing the hold back which causes the check to close the door.

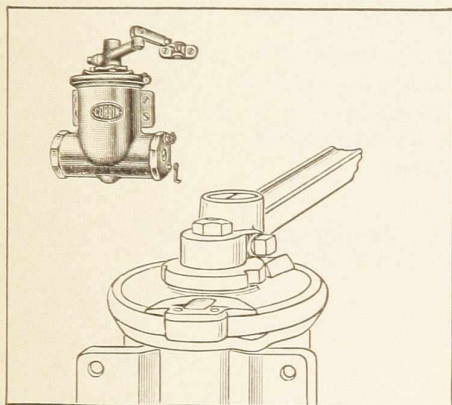
CAST IRON

No. Unpolished*	No. Polished Plated		Weight Each
523	533	For hinged fire doors not over 7 x 3½ ft.	15 lbs.
524	534	For hinged fire doors not over 7½ x 4 ft.	19 lbs.

One in a box, with screws

* Unpolished Iron Checks regularly furnished Columbian Bronzed Finish. Other finishes furnished when so ordered.

When used with brackets use No. 86 or 26¾ corner brackets or No. 85 soffit bracket.



423, 424

WITH TWO POINT HOLD BACK ATTACHMENT

Especially adapted to use on hospital doors.

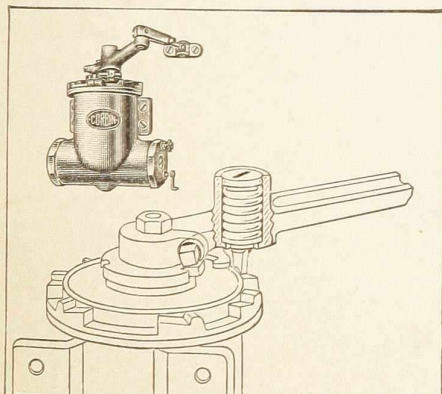
The first hold open point is fixed and will hold door open at 20° angle or about 6 in. from the latching point. The second hold open point is adjustable and will hold the door open at any angle 45° and over which is desired.

CAST IRON

No. Unpolished*	No. Polished Plated		Weight Each
423	433	For inside doors not over 7 x 3½ ft.	14 lbs.
424	434	For inside doors not over 7½ x 4 ft.	18 lbs.

One in a box, with screws

* Unpolished Iron Checks regularly furnished Columbian Bronze Finish. Other finishes furnished when so ordered.



723, 724

WITH THREE POINT HOLD BACK ATTACHMENT

Especially adapted to use on hospital doors.

Hold open attachment will hold the door open at 20, 55 or 90 degrees.

CAST IRON

No. Unpolished*	No. Polished Plated		Weight Each
723	733	For inside doors not over 7 x 3½ ft.	14 lbs.
724	734	For inside doors not over 7½ x 4 ft.	18 lbs.

One in a box, with screws

* Unpolished Iron Checks regularly furnished Columbian Bronzed Finish. Other finishes furnished when so ordered.

Prefix letters for finish. Description of finishes, page VI