

Floor Spring w/o oil
(=Green Floor Spring)
(=Safety Floor Spring)
(=Fire Floor Spring)
(= High Class Floor Spring)

Neao®

The inventor of
the most advanced technology
of floor spring in the world



View the video
of exclusive interview
by CCTV



Read the cycle
test report



Read the fire
test report



Environment friendly
Safety
Light open force
High class fire resistance
Zero oil leakage
Zero freeze
Close force adjustable
Wide range of suitable door
Advanced anti-fake technology

Epoch-making & Revolutionary New Product

Passed the cycle test with 160 kgs load(the max. load of international standard) and the 4 hours fire test
(the highest class of international standard) by the international certification body – intertek

Zero oil leakage

It doesn't use the machine oil to operate this product. The traditional floor spring has high pressure inside, it's from hydraulic by oil operation. Because the oil flow to the big range inside. If any light defect of quality control happened during manufacture, the product may oil leakage when the user received or after 1-2 months use only. This problem harass a lot of consumer for a long time.

High class fire resistance

It's easy to have fire resistance cause without machine oil.

This product with excellence capability of fire resistance.

Zero freeze

The oil flow of traditional product will turn to Slowly if the temperature getting down. The door may hard to move (freeze) if the temperature very low. Our product hasn't this problem cause no oil operation.

Light open force

The user need to against both resistances (spring and oil) when open the door with traditional product. This product hasn't oil resistance cause no oil operation, so the open force is lighter. The open force just 2.2-2.6 kgs if door 100kgs.

Close force adjustable

After several years used. If the door can't close auto. after adjusted the speed valve, the user can adjust to increase the close force to solve this problem.

Wide range of suitable door

This product has the different structure and working way than traditional product. The open & close force hasn't notable affection from the change of door weight. So this product can suit to 20-230 kgs door weight, it suit to the almost doors if under 230 kgs.

Safety

The door closing time may one second only (speed too fast) after oil leakage or performance reduced on traditional product and the close force is heavy, then it's easy to hit and hurt user (speed+force).

The closing time from 90° to 0° is more than 3 seconds on this product even if light door and the valve adjusted to the highest speed.

The close force is less than half of traditional product. So this product never hurt user.

Therefore, this product is more safety than traditional product.

Environment friendly

It will has the scrapped product after the traditional product is replaced, the scrapped product has a lot of oil

But the recycle unit won't extra to handle the inside scrapped oil normally, so these scrapped oil will enter our environment and take the pollution to the environment.

Because this product without machine oil, it won't has this problem.

So it's the environment friendly product.

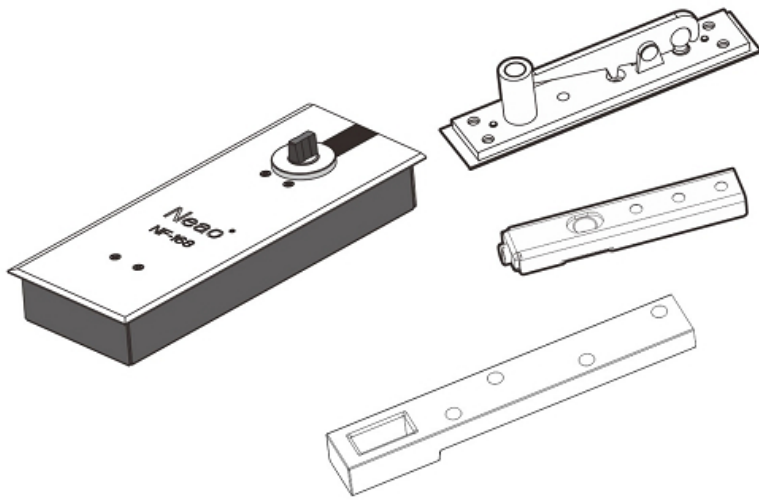
Advanced anti-fake technology

For avoid the consumer get the fake product, our company will send the Neao brand products to the consumer directly, and for the user can verify the true by self, every product has exclusive QR label. The user just use the smart phone to scan the QR code, then link to our official website, check and confirm the true immediately. It's the advanced technology of anti-fake, the true identification capacity up to 100%.

Full Name: Floor spring without oil operation

Neao International Co., Ltd.

Standard set

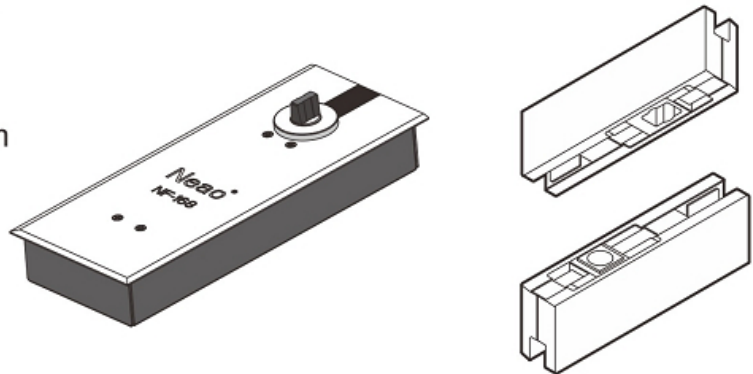


Floor spring w/o oil NF-168 & standard accessories ; suit for the full metal door , glass door with full metal frame , wooden door etc.

- Product dimension : 330x122x49mm
- Door width : 500~1600mm
- Door weight : 20~230kgs
- Back stop : 116°

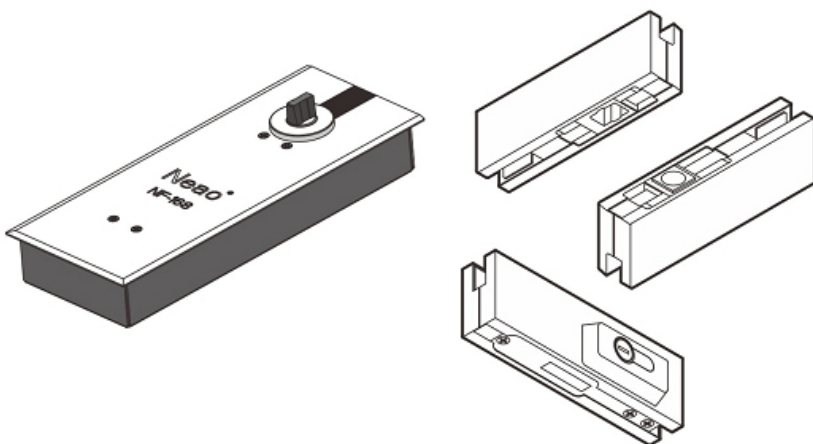
Glass door Kit ①

Floor spring w/o oil NF-168 , bottom patch PFC010 & top patch PFC020 ; suit for the frameless glass door



Glass door Kit ②

Floor spring w/o oil NF-168 , bottom patch PFC010 , top patch PFC020 & corner lock PUS010 ; suit for the frameless glass door



※ Because the accessories of this product is a few different than traditional. The main body of this product need to match with the accessories from us for work properly. please pay attention if the replacement of the traditional product.

※ The sole formal website of Neao : www.neao.tw

The Silver Award of 2016 China International Exhibition of Inventions

Invention patent no. of USA: US 10,184,283 B2

Invention patent no. of EU: 3252258

Invention patent no. of P. R. China: ZL2014107176847

Invention patent no. of Taiwan: Invention no. I550176

Invention patent no. of Germany: 60 2015 053 165.5

Invention patent no. of France: EP3252258

Invention patent no. of United Kingdom: EP3252258

Invention patent no. of Singapore: 11201706218V

Invention patent no. of Russia: 2708149

Invention patent no. of Italy: 502020000078862

Invention patent no. of Turkey: TR 2020 12948T4

The first brand of Chinese 2018

The Bronze Medal Award of 2015 Taipei Int'l Invention Show & technomart

Appl. no. of PCT international patent: PCT/CN2015/095234

Appl. no. of Malaysia patent: PI 2017702823

THE STORY OF BRAND

Neao[®]

The founder of Neao brand who grown in Taiwanese famous hardware family from childhood , so inherited the artisan technology and spirit.

He worked the professional floor spring factory in Taiwan since 1991 year and start from the basic level , experience the factory director , ISO management representative and vice-general manager for 12 years total.

After factory , he create an independent trading company to extend the learning of market and business , then focus on creation and marketing the foreign market for over 10 years.

For upgrade the technology of floor spring , we invest big energy in R&D to the floor spring w/o oil from Jan. , 2014 and finished the design of the first main structure on Sep. , 2014 We through the strong stamina and masterly skill , success to finish the R&D of this new product. With This Epoch-making & Revolutionary new product launch formally, it's a note that we base on the top technology of Taiwan , move on the top technology of world.

The high quality product with parity is our operation concept , hoping to win the support and care from consuming public.

Welcome join to our client ; we will have the attitude of the most open to accept many kinds of cooperation. For example , OEM , authorized manufacture etc. Welcome the vast merchants and manufacturers come to discuss with us. As long as willing , to discuss with us , we will do our best to match it whether the size of enterprise. This product has many patents on file , any counterfeiter or imitator will face a huge compensation.

Neao International Co., Ltd.

www.neao.tw