Case Study

4 STAR HOTEL RADISSON BLUE AMSTERDAM, THE NETHERLANDS

The 4-star superior Radisson Blue Hotel is located right in the center of Amsterdam. Just a stone's throw from the famous Amsterdam canals, the design of the facade and entrance had to act as an eye-catcher, but also blend in with its surroundings.

This revolving door is constructed from a welded stainless-steel construction, which is 'screwless' clad with set and rolled aluminum cladding. The rotating part is stable and is composed of a stainless-steel shaft (mirror finished) with the door wings suspended from it.

With this 3-wing revolving door there is always a door wing left and right, regardless of the position of the rotating part, which contacts the stable side walls. This means that there is no direct contact between the inside and outside air. For optimal draught protection, the door wings are equipped with double brushes which are provided with an insulating foil. In combination with the heating element, this ensures that hardly any cold outside air will enter. Obviously, this works the other way round in summer, which means that the warm air stays outside. In both cases this results in large energy savings.

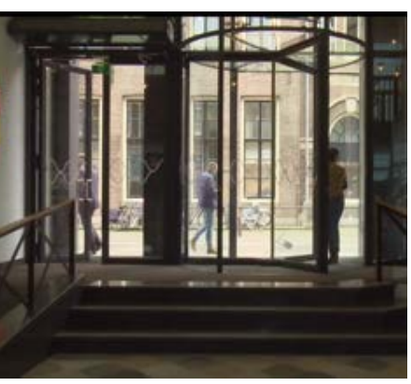
This revolving door is electrically driven. Since there was not enough space to incorporate the drive in the floor, the drive is mounted against the basement ceiling. This is another advantage of customization; everything is possible.

GOOD TO KNOW!

Since 2013 there is a European law called the EN-16005 standard. This standard guarantees the safety level of automated doors for its passers-by. We have developed our own sensors which, before the door rotates and while rotating, always observe its surroundings. As a result, the door will stop without hitting the passer-by.

With this revolving door, security sensors have been placed on the corner parts of the door wings that look past the door wings. If the rotating part catches up with the passer-by while turning and the passer-by enters the security field, the rotating part will stop. If the passer-by moves out of the security field, the rotating part will start up again.

There are also vertical clamp protection sensors placed at the run-in end posts. When the passer-by is trapped, the active brake immediately engages, the rotating section stops and when activated for more than 3 seconds, the rotating section turns back for 500mm. These sensors look vertically downwards and stop the rotating part if there is a risk of trapping; before the passer-by is hit.



Summary

Project:	Entree Radisson Blue
Locatie:	Amsterdam, The Netherlands
Design entree:	Circular Full Vision, CFV 2700 AY TALL
Afmetingen:	Ø 2700 mm, height 5500mm

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Making an entrance