



YOUR
ENTRY
EXPERTS.

TQA.

THE **AUTOMATIC REVOLVING DOOR** FOR LOW TRAFFIC APPLICATIONS

The TQA was among the first revolving doors we manufactured; created in 1903, the TQA was originally constructed mainly from timber with manual operation. Since then, the construction and technology of our revolving doors has evolved into sophisticated and intelligent entrances. The TQA is an incredibly versatile entry solution. Its engineering quality has been proven again and again in many different buildings and projects.



OVERVIEW

The TQA automatic revolving door offers convenience and capacity and is the most popular door sold by Boon Edam. A system of 5 separate overlapping and redundant safety sensors ensures smooth operation and ease of use. Available in virtually every color or finish, with three wings and with a variety of doorset options, it is the ultimate solution for many different types of buildings.

AN INVENTION TO REDUCE AIR INFILTRATION

When sliding or swinging doors open they create a hole in the building, exchanging conditioned, comfortable air with the outdoors. They create frigid, unpleasant interior spaces during the winter and they “blow out” very expensive, conditioned air in the summer. In both cases, the HVAC system must cycle more often to compensate for lost conditioned air and consume more energy. Double door vestibules are common, but during peak traffic times remain open and allow large amounts of air to be exchanged. When spaces are small or at a premium, they consume valuable floor space that can be devoted to displays, merchandise or seating.

Revolving doors are the most energy efficient entrance solutions available today. The always open, always closed principle of a revolving door ensures that the conditioned inside air and the unconditioned outside air remain separated, preventing drafts, dust and noise coming into the building. As less energy is required to maintain the conditioned climate inside the building, revolving doors help reduce the carbon footprint of a building and save on energy costs.

KEY FEATURES

- 3 wing configuration
- Automatic, touchless operation
- Moderate throughput
- Wide selection of dimensions
- Collapsible door set
- Safety sensors
- LED ceiling lights
- Low torque drive unit with speed control

KEY BENEFITS

- Sustainable and energy-saving
- Reduced air infiltration
- 100% payback in just a few years
- Allows for repurposing of interior floor space
- Highly customizable (extend your brand)



PUT YOUR STAMP ON IT

The TQA is available in a variety of finish and color options. In many buildings a powder-coated aluminum version is chosen which can be finished in virtually any color, ranging from traditional RAL colors to the deep-matte finishes resembling anodizing.

Our revolving doors are available in a wide variety of heights and widths with varied canopy and under canopy heights, ensuring that many design wishes can be solved with one of our standardized products. If your design falls outside the options that are available, our sales managers and engineers will work with you to create a safe and sustainable entrance that meets your requirements.

SUGGESTED SEGMENTS

- Corporate office buildings
- Governmental
- Retail
- Restaurants and hospitality
- Airports
- Hospitals
- Hotels

You can level up in any of these categories:



LEVEL UP



If our standard specifications do not quite suit your needs, we open up opportunities for you to 'Level Up' where it counts most. You can also do this according to your most motivating value driver.

The specification table shows you our standard product options, and to the right of these, you can easily see, and consider, any compatible 'Level Up' options for fine-tuning the TQA automatic revolving door.

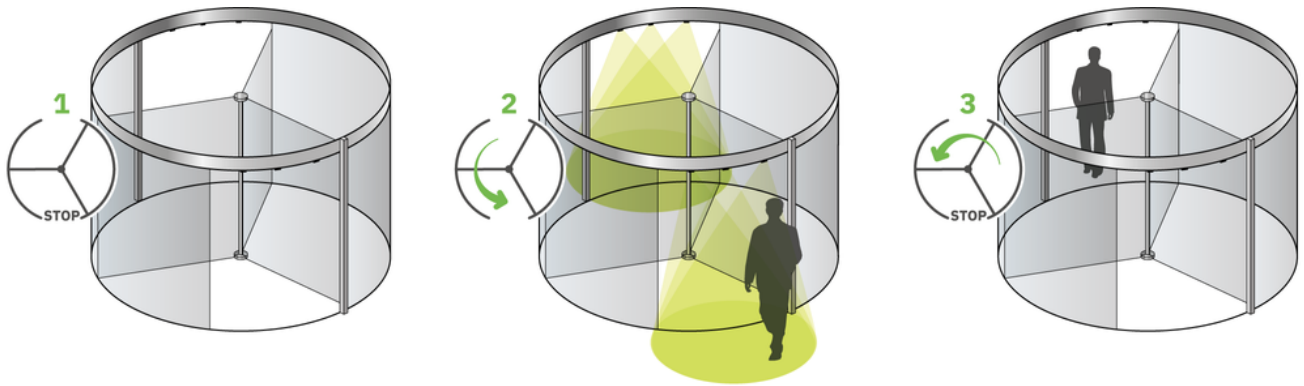


TECHNICAL SPECIFICATIONS

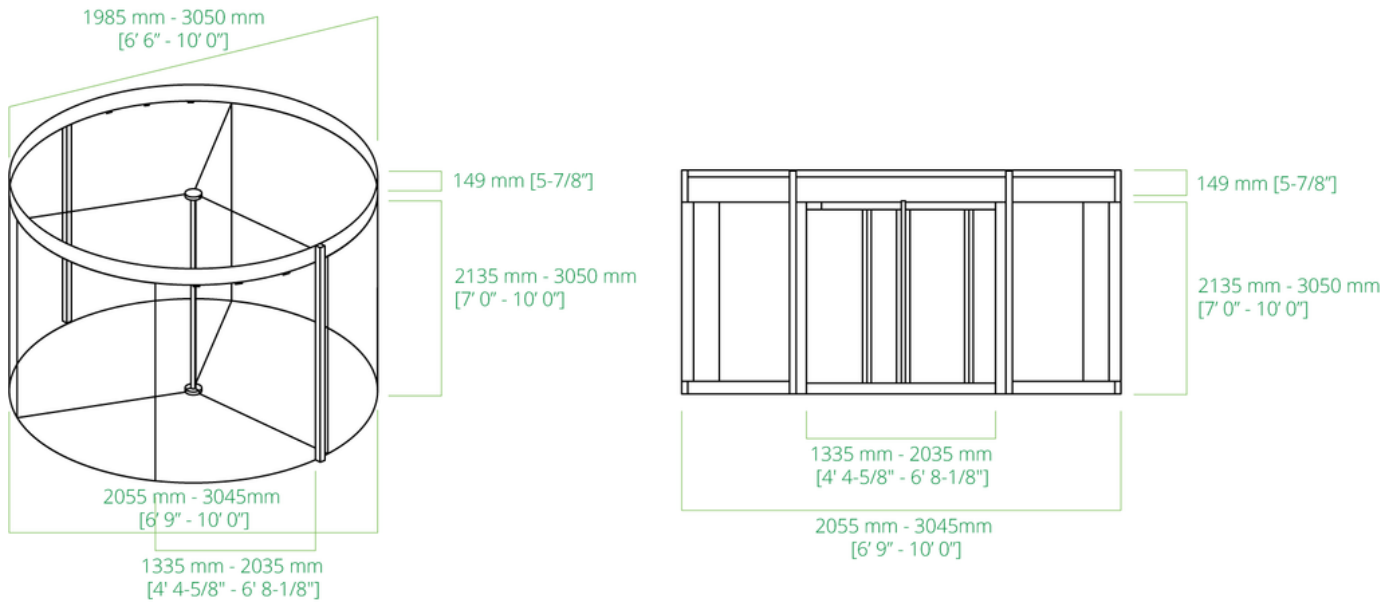
|  THROUGHPUT | STANDARD | LEVEL UP OPTIONS |
|--|--|---|
| Throughput | x2 30 - 45 people per minute | |
| Diameter | 9' 9", 11' 9" / 2975 mm, 3580 mm | |
| Height Under Canopy | 7' 0" / 2135 mm | |
| Canopy Height | 11-13/16" / 300 mm | |
| Throat Opening | 4' 6-1/8", 5' 6-1/8" / 1375 mm, 1680 mm | |
| Number of Door Wings | 3 | |
|  SECURITY | STANDARD | LEVEL UP OPTIONS |
| External Night Locking Doors | - | Bi-parting, sliding doors enclose door's throat opening after-hours |
| Remote Locking | - | Door wings complete rotation, position and lock via remote signal |
| Emergency Lockdown | - | Instantly lock door wings via remote push button to prevent intrusion |
| Access Control Integration | - | Requires remote locking and allows for integrated reader for after-hours access |
| Exit-Only Operation | - | Door remains locked for ingress, but unlocks for users to exit only |
|  SAFETY | STANDARD | LEVEL UP OPTIONS |
| Emergency Egress | Collapsible door set | |
| Fire Alarm | Collapsible door set | |
| Safety Glass | Tempered safety glass | Laminated safety glass, vandal-resistant glass (UL 972) |
| ANSI-Compliant Safety Package | Emergency stop button and automatic door signage | |
|  AESTHETICS | STANDARD | LEVEL UP OPTIONS |
| Finish | Anodized aluminum | Additional finishes available upon request |
| Glass | Clear | Tinted, low iron, decals, etc. available upon request |
| Canopy Cover | Black HDPE, a thermoplastic polymer | Cover to match door's finish |
|  TECHNOLOGY | STANDARD | LEVEL UP OPTIONS |
| Drive Unit Installation | Ceiling | |
|  COMFORT | STANDARD | LEVEL UP OPTIONS |
| Lighting | LED overhead lights | |

6

WORKING PRINCIPLE



TECHNICAL DIMENSIONS





SERVICE AND MAINTENANCE

With hundreds or thousands of visitors passing through an entry every day, continued and reliable operation is vital. Regular service and maintenance can prevent unexpected hardware breakdowns. Boon Edam's service and maintenance teams across the world are experienced in the effects the local conditions have on the wear and tear of your entry solutions and can offer specialized service and maintenance contracts that correspond to those conditions perfectly.

COMPLIANCE

Boon Edam entrances are trusted solutions that allow organizations to meet compliance regulations related to restricting access to areas within a building. We take compliance and safety very seriously and ensure that our products are manufactured, installed and maintained to keep up the strict criteria required in all our countries. We are always improving and committed to making sure our products are compliant and certified. More information can be found on our website under "About Us."



OUR REACH IS GLOBAL.

We have been in business for more than 140 years manufacturing premium aesthetic and security entrance solutions in the Netherlands, United States of America and China. We can confidently say that we cover every corner of the globe with subsidiary companies in major cities across the globe. Furthermore our global export division not only partner with our distributors, but also offer direct sales and service to every territory. This wide net allows us to have a strong global footprint as well as a personal grasp of local markets and their unique entry requirements.

To find your closest Boon Edam expert, please go to:
www.boonedam.us/contact



Boon Edam Inc.
T 910 814 3800
E sales@boonedam.us
I www.boonedam.us


BOON EDAM
YOUR ENTRY EXPERTS.