

# Manual Revolving Doors



## Turning entrances into energy savings

Over 100 years ago, Boon Edam began building high-quality revolving doors to save energy and improve the indoor living environment. Today, our manual revolving doors are one of the most economical ways you can reduce a building's energy costs while enhancing interior comfort and creating a stylish entrance.

Operating on the principle of "always open, always closed," our revolving doors reduce the loss of climate-controlled air by up to eight times compared to traditional sliding or swing doors. They also eliminate outside noise and pollution, creating a peaceful and comfortable interior environment.

Our manual revolving doors provide these benefits at a reasonable price that is usually recovered in just a few years. And, our wide range of sizes and options lets you create the perfect entrance for any facade, from traditional to contemporary...as seen around the world!

*'save energy by reducing air infiltration up to 85% while enhancing interior comfort and creating a stylish entrance'*

Your **Entrance**. Our **Technology**.

# The TQM

The Boon Edam TQM is a high quality, manual revolving door that features a streamlined profile, concealed connections and large panes of glass in both the door wings and curved sidewalls. The flexible finishes, dimensions and options accommodate many architectural styles, making our TQM the most popular selling manual revolving door in the world.

The TQM is available in a 3-wing or a 4-wing configuration with two curved sidewalls and a canopy – all manufactured from aluminum extrusions. Each sidewall contains a single vertical midpost and two endposts, maximizing the amount of glass and therefore the amount of light through and around the door.



## TQM features and options at a glance...



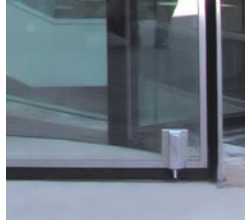
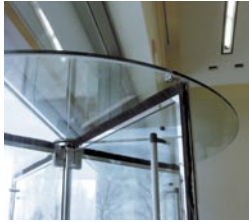
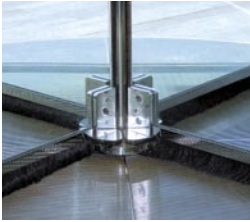
	<i>Standard Features</i>	<i>Options</i>
<b>Finish</b>	Aluminum	<ul style="list-style-type: none"><li>• Painted</li><li>• Powder-coated</li><li>• Stainless steel</li><li>• Brass cladding</li></ul>
<b>Sidewall Glass</b>	1/4" clear, tempered safety glass	<ul style="list-style-type: none"><li>• 7/16" laminated safety glass</li><li>• Tinted glass</li></ul>
<b>Locking Mechanism</b>	Surface-applied slidebolt locks	<ul style="list-style-type: none"><li>• Electric fail-safe w/emergency egress release</li><li>• Sliding/locking night doors</li></ul>
<b>Canopy</b>	Standard Dust Cover	<ul style="list-style-type: none"><li>• Matching finish</li><li>• Water resistance</li></ul>
<b>Weather-stripping</b>	Horsehair with reinforcing inner membrane	<ul style="list-style-type: none"><li>• Felt rubber sweep</li></ul>
<b>Interior Lighting</b>		<ul style="list-style-type: none"><li>• Recessed ceiling lights</li></ul>



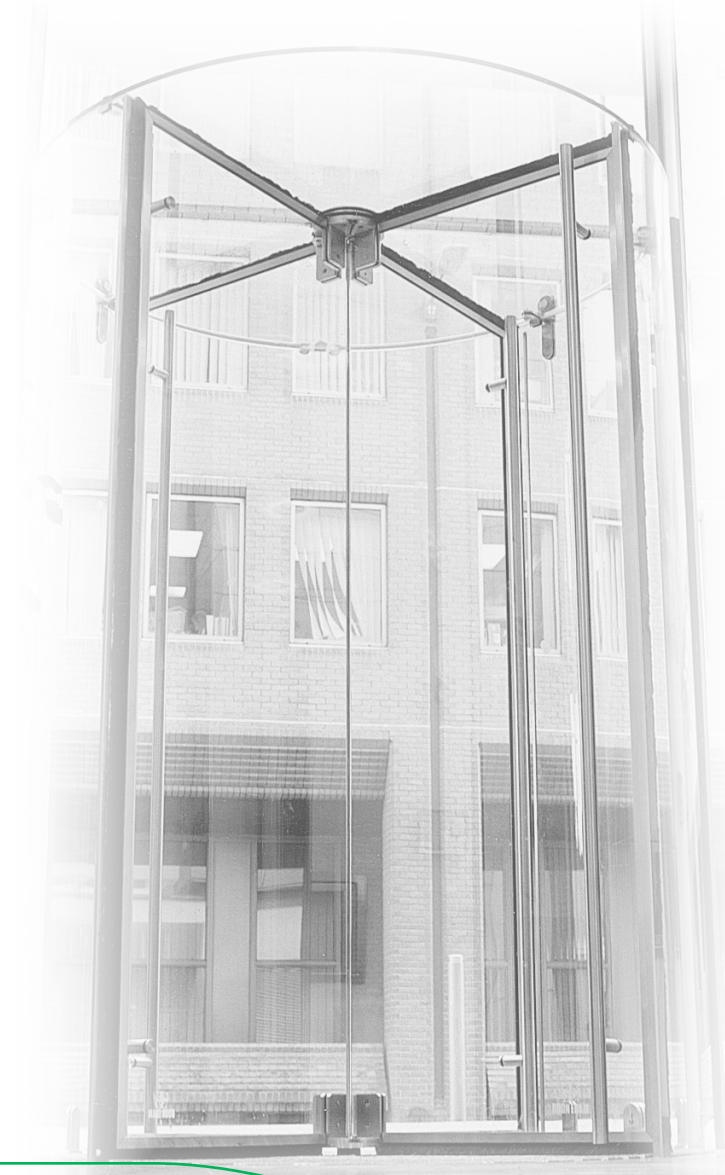


# The Crystal TQ

The Boon Edam Crystal TQ is made almost entirely of glass – the door wings, the sidewalls and even the ceiling. Its dazzling clear profile is perfect for contemporary glass facades yet also blends beautifully with classic architectural styles. Available in a wide range of sizes, the Crystal TQ combines modern engineering with quality design.



The Crystal TQ uses a combination of tempered and laminated safety glass. The doorset is made from 1/2" tempered glass connected to the center stainless steel shaft with specially made stainless steel clamps. The 11/16" tempered laminated glass ceiling is fixed directly to the curved laminated glass sidewalls with small, unobtrusive clamps. Tinted glass is available.

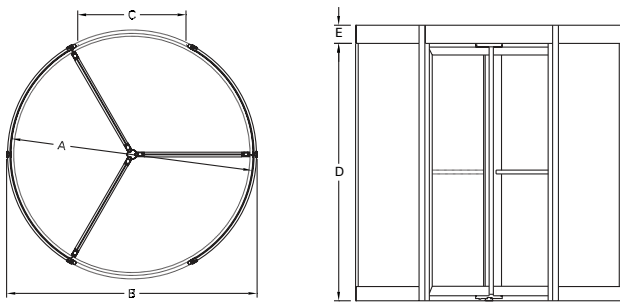


# Footprints and Dimensions

Both the TQM and Crystal TQ are available in a 3-wing or a 4-wing configuration. The 3-wing model provides larger compartment spaces while the 4-wing model provides a wider throat opening, allowing for a more efficient two-way traffic flow and a balanced appearance. A Boon Edam representative will be happy to help you determine the best configuration to meet your situation.

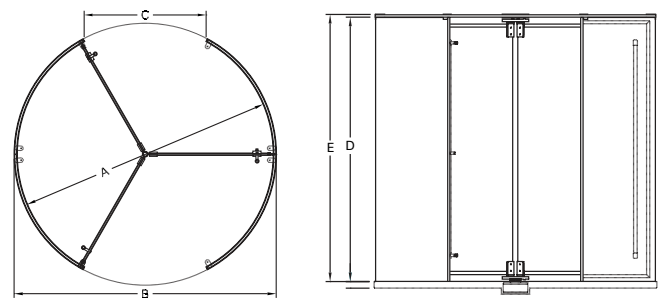
## TQM 3-WING

A	7'0"	7'6"	8'0"
B	7'3"	7'9"	8'3"
C	3'1 <sup>5</sup> / <sub>8</sub> "	3'4 <sup>5</sup> / <sub>8</sub> "	3'7 <sup>5</sup> / <sub>8</sub> "
D	7'0"	7'0"	7'0"
E	5 <sup>7</sup> / <sub>8</sub> "	5 <sup>7</sup> / <sub>8</sub> "	5 <sup>7</sup> / <sub>8</sub> "



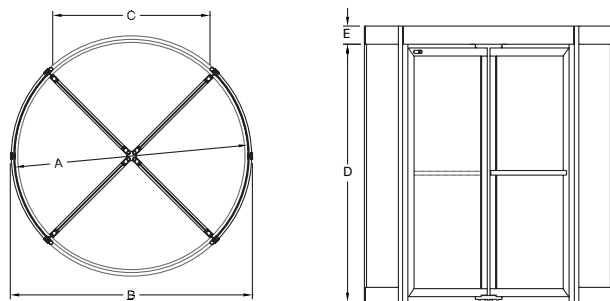
## CRYSTAL 3-WING

A	7'2 <sup>5</sup> / <sub>8</sub> "	7'6 <sup>9</sup> / <sub>16</sub> "
B	7'4 <sup>9</sup> / <sub>16</sub> "	7'8 <sup>17</sup> / <sub>32</sub> "
C	3'5 <sup>3</sup> / <sub>8</sub> "	3'7 <sup>1</sup> / <sub>32</sub> "
D	7'2 <sup>5</sup> / <sub>8</sub> "	7'2 <sup>5</sup> / <sub>8</sub> "
E	7'3 <sup>1</sup> / <sub>2</sub> "	7'3 <sup>1</sup> / <sub>2</sub> "



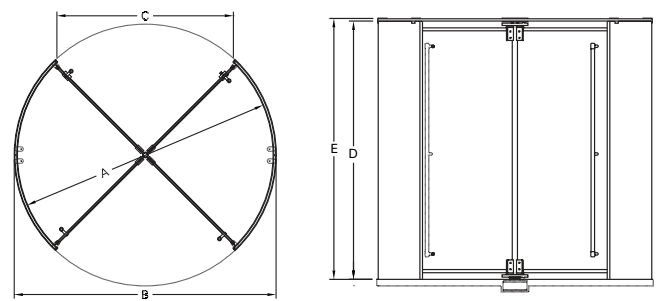
## TQM 4-WING

A	6'6"	7'0"	7'6"	8'0"
B	6'9"	7'3"	7'9"	8'3"
C	4'3 <sup>3</sup> / <sub>4</sub> "	4'8"	5'0 <sup>1</sup> / <sub>4</sub> "	5'4 <sup>1</sup> / <sub>2</sub> "
D	7'0"	7'0"	7'0"	7'0"
E	5 <sup>7</sup> / <sub>8</sub> "	5 <sup>7</sup> / <sub>8</sub> "	5 <sup>7</sup> / <sub>8</sub> "	5 <sup>7</sup> / <sub>8</sub> "



## CRYSTAL 4-WING

A	6'6 <sup>3</sup> / <sub>4</sub> "	7'2 <sup>5</sup> / <sub>8</sub> "	7'6 <sup>9</sup> / <sub>16</sub> "
B	6'8 <sup>11</sup> / <sub>16</sub> "	7'4 <sup>9</sup> / <sub>16</sub> "	7'8 <sup>1</sup> / <sub>2</sub> "
C	4'5 <sup>7</sup> / <sub>8</sub> "	4'11 <sup>7</sup> / <sub>16</sub> "	5'2 <sup>1</sup> / <sub>4</sub> "
D	7'2 <sup>5</sup> / <sub>8</sub> "	7'2 <sup>5</sup> / <sub>8</sub> "	7'2 <sup>5</sup> / <sub>8</sub> "
E	7'3 <sup>1</sup> / <sub>2</sub> "	7'3 <sup>1</sup> / <sub>2</sub> "	7'3 <sup>1</sup> / <sub>2</sub> "



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