

# GT20

Low-Energy/Full-Power  
Automatic Swing Door Operator

Where SOLUTIONS are AUTOMATIC



## Product Features and Benefits

- Wide range of options provides **customer-specific, automatic solutions**
- Highly consistent components offer **reliability and minimal maintenance**
- Electromechanical drive unit ensures **the door operates quietly and smoothly**
- One drive mechanism for low energy and full power is **suitable for a large range of applications**
- Unique wind compensation feature ensures **the door will fully open or close during windy conditions**

# GT20 Low-Energy/Full-Power Automatic Swing Door Operator



The NABCO GT20 swing door operator is equally ideal for new installations and building upgrades. The GT20 offers many functions in one drive mechanism, including the ease of changing from Full Power to Low Energy. Thanks to the wide range of options available, the user is sure to obtain a fully customized automatic door. The GT20 is highly consistent when it comes to performance, quiet operation and low maintenance. From lightweight interior doors, heavier exterior doors and even fire doors, the GT20 is always the right choice.



The LCD-Display integrated into the drive mechanism provides the user with guidance for initial startup. No additional external devices are required.



The illuminated program selector buttons and master switch are integrated into the side cover for intuitive operation.



Standard arms – Our swing door drive units with standard arms and pushing function are the most efficient way to harness the force of the NABCO GT20 system.

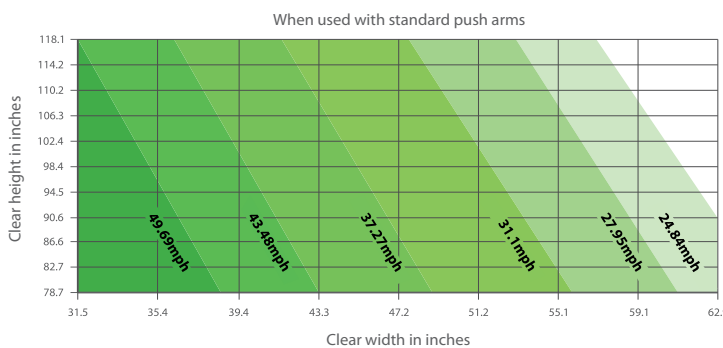


Sliding arms – Swing door drive units with sliding arms and pushing/pulling function are the most common and best-looking building solution.

## PRODUCT INFORMATION

<b>Header dimensions</b>	3 3/4" H x 4 3/4" D (95 mm x 120 mm) Continuous header available to full door width
<b>Standard finish</b>	Clear and dark bronze anodized
<b>Mounting</b>	Overhead concealed /surface-applied
<b>Operating voltage</b>	110 – 240VAC 50/60Hz (+10%/-15%)
<b>Power for sensors</b>	24VDC 2A
<b>Motor type</b>	DC brush motor
<b>Motor voltage</b>	115V
<b>Door panel weight</b>	550 lbs.
<b>Self-monitoring</b>	Safety sensor error
<b>Signal inputs</b>	2 x activation; 2 x safety; 1 x stop signal
<b>Signal outputs</b>	1 x electric lock form C; 1 x electric lock status
<b>Electric lock delay timer</b>	Adjustable [0-4 seconds]
<b>Sensor inhibit function (pull side)</b>	Programmable - 45° to full open
<b>Sensor inhibit function (push side)</b>	Programmable - 0° to 60°
<b>Safety circuit logic</b>	Normally closed
<b>Door status/programming indicator</b>	LCD display
<b>Basic features</b>	Full-automatic operation Low-energy operation Non-handed operator Push and go Power boost close Reverse upon obstruction Inverse operation (power close/spring open) Wind compensation enhancement Electric strike sequencing
<b>Options</b>	Plug-in relays
<b>Switch modes</b>	On, off, hold-open Night and exit
<b>Opening and closing speed</b>	Adjustable
<b>Hold-open time</b>	Adjustable [0-60 seconds]
<b>Code compliance</b>	ANSI A156.10 / ANSI A156.19
<b>Approvals</b>	UL, ULC, CSA and TÜV

The NABCO GT20 drive unit is capable of reliably opening and closing doors even if exposed to wind speeds of up to 49.7 mph / 80 km/h (320 Pa). For external doors, NABCO recommends to assume a wind pressure of at least 100 Pa (28 mph / 45 km/h). Doors installed in certain exposed locations (mountainous regions, coastal regions, etc.) are often subject to higher wind loads.



## Installation and configuration options



**Sliding arm – push assembly**  
Pushing function, single- and two-leaf  
• Aesthetic solution, simple installation



**Sliding arm – pull assembly**  
Pulling function, single- and two-leaf  
• Aesthetic solution, simple installation



**Standard arm – push assembly**  
Pushing function, single- and two-leaf  
• Highly efficient power transmission

The compact, lightweight NABCO GT20 swing door drive unit is characterized not only by its advanced technology and functionality, but also by its fast installation and start-up. Various installation and configuration options are available.

## NABCO Service and Specifications

Along with the NABCO factory branches, NABCO has the largest independently owned network of automatic door distributors in North America. Their friendly, qualified installers and technicians always strive to exceed your expectations from install to after-sales service. NABCO's factory branches and independent distributors provide AAADM-certified technicians to ensure your doors meet all ANSI A156.10/A156.19 standards.

Complete three-part specifications and CAD drawings are available on the NABCO website.



Member of the Nabtesco Group

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