Panasonic
ideas for life

Sliding Automatic Door
New Leader Series
**Structure**

- **Jockey wheel device**
  The belt is attached to the jockey wheel, which has a device to adjust the tightness of the belt.

- **Belt**
  Convert the motor rotation movement into back-and-force movement. It uses special material processed teeth-shape timing belt with slight change from influence of temperature and with efficient transmission of movement, and as such need not to be adjusted along with the belt tightness.

- **Hanger device**
  For hanging the door. With a suspension pulley movable on the engine case track. New material used in the pulley for long life. Each hanger is adjustable by ±3mm of height, further simplifying installation.

- **Engine case**
  Made with high strength abrasion-resistant aluminum and can easily be cut. Can be adjusted on site in shops according to different opening degree of door so as to be installed in the best size. 2.5 m is the basic unit length. Different quantity for single and double door, both convenient for transport, and for better cutting.

- **Control Device**
  Accepting detection signal from sensor or switches, it drives the motor to control the door to move properly. Two auxiliary sensor connectors added, to further increase security and diverse function.

- **Motor device**
  Adopting small, high-duty DC brushless motor, high drive transmission ratio and low noise high speed gearbox, it then drives the belt. Internally it has a safety device to run long time without error even if turned on and off frequently. Motor drive wheel is made of metal, requires no repair.

- **Photo cell Sensor /Aux. Sensor (Optional)**
  Aux. sensor signal amplifier is in-built in control device, so that when door is closed, the sensor can prevent squeezing when detecting persons or objects. Two aux. sensors interfaces available for use on site. Aux. sensor head (NACC83491), aux. sensor kit (NACC83492) are optional.

**New features**
- New tech. Motor, output 30% more of power
- New motor tech. and new structure for low noise
- Optimized program for anti-wind ability

**Construction fitness**
- Easy setting
- Easy installation
- Easy hanging the door

**Reliability**
- Control device optimized for endurance and no-trouble
- Moving smoothly, silent

**Multi-function**
- The multi-function device can combine with operation selector, electric lock, battery etc., for more function
- New tech. used first on the control device to realize combined move of many doors, door bell hint, voice hint, central surveillance etc.
- Operation selector used with remote controller together to realize door moving within 20%~90% of full-open width, saving energy obviously.

**Security**
- If a person or object is squeezed when door is closing, the door reopens. Squeeze sensitiveness promoted, with scope enlarged.
- Easier to open during power failure

**Specification**

<table>
<thead>
<tr>
<th>Engine unit</th>
<th>ONAC882126</th>
<th>ONAC882125</th>
<th>ONAC882136</th>
<th>ONAC882135</th>
<th>ONAC882226</th>
<th>ONAC882228</th>
<th>ONAC882236</th>
<th>ONAC882239</th>
</tr>
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<tbody>
<tr>
<td>With aux. sensor</td>
<td>Single</td>
<td>Double</td>
<td>Single</td>
<td>Double</td>
<td>Single</td>
<td>Double</td>
<td>Single</td>
<td>Double</td>
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<tr>
<td>Without aux. sensor</td>
<td>ONAC882127</td>
<td>ONAC882138</td>
<td>ONAC882137</td>
<td>ONAC882227</td>
<td>ONAC882238</td>
<td>ONAC882237</td>
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<tr>
<td>Door width</td>
<td>600~1250mm</td>
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<tr>
<td>Open speed</td>
<td>14~45cm/sec(adjustable)</td>
<td>14~40cm/sec(adjustable)</td>
<td>14~41cm/sec(adjustable)</td>
<td>14~34cm/sec(adjustable)</td>
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<tr>
<td>Close speed</td>
<td>10~40cm/sec(adjustable)</td>
<td>10~38cm/sec(adjustable)</td>
<td>10~39cm/sec(adjustable)</td>
<td>10~34cm/sec(adjustable)</td>
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<tr>
<td>Opening time</td>
<td>0~9sec(adjustable)</td>
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<tr>
<td>Manual force</td>
<td>20.3N(2.1kgf)</td>
<td>25.8N(2.6kgf)</td>
<td>27.1N(2.8kgf)</td>
<td>38.2N(3.5kgf)</td>
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<td>Env temp.</td>
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<td>Voltage</td>
<td>AC200~250V 50/60Hz</td>
<td>AC200~250V 50/60Hz</td>
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