

# DATA SHEET AVR1601F

Vertikal High Speed door for freezer rooms 160 mm




AVR1601F is a fast moving, failsafe and energy efficient vertical High Speed door for freezer rooms.

This door is tailor-made for applications where particularly efficient insulation of high-traffic cold rooms is required. The door is an energy-saving stand-alone solution that does not require the use of a night shutter door, and the 160 mm thick fabric has a unique insulating performance that reduces cold and heat loss to a minimum. The vertical feature minimises space requirements out in the room, and the door's fast opening and closing speed makes it an obvious choice for high traffic areas.

#### This door is tailored for companies that:

- ✓ Work consistently with energy savings and sustainable operation
- ✓ Focus on efficiency and optimisation of logistics
- ✓ Need particularly good insulation of their cold rooms
- ✓ Prioritise high quality and a long service life
- ✓ Refuse to compromise on safety

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FORDELE	<ul style="list-style-type: none"> <li>▪ 160 mm insulated fabric ensures excellent energy savings.</li> <li>▪ Fast opening and closing speed.</li> <li>▪ Stand-alone solution. Requires no additional investment in a night door.</li> <li>▪ The vertical function of the high speed door minimises space requirements in the room</li> <li>▪ Reliable structure with minimal maintenance costs</li> </ul>
DIMENSIONER	<ul style="list-style-type: none"> <li>▪ Maximum size: 12m<sup>2</sup>.</li> <li>▪ Maximum size with UPS: 10 m<sup>2</sup>.</li> <li>▪ <b>Dimensions over the maximum stated above can be made to order. Contact us to discuss your options.</b></li> </ul>
AUTOMATIK	<ul style="list-style-type: none"> <li>▪ Supply: 3 x 400 V 50-60 Hz, 3 x 10 A.</li> <li>▪ Supply for heating: 1 x 230V, 16 A + PE 4 stk potential-free relay outputs for external equipment.</li> <li>▪ Supplied with professional door control system including position setting options and speed control via a frequency converter. The mechanism is mounted on a wall by the side of the frame.</li> </ul>
OPEN-CLOSING SPEED	<ul style="list-style-type: none"> <li>▪ 1,5 m/sek. - 0,5 m/sek.</li> </ul>
FRAME	<ul style="list-style-type: none"> <li>▪ 1 mm stainless steel.</li> </ul>
DOOR LEAF	<ul style="list-style-type: none"> <li>▪ 160 mm thermal cloth insulated with PE foam LD25.</li> <li>▪ The cloth runs in rails in the frame. Side guides make it easier to manually reposition the cloth after an impact.</li> <li>▪ Standard colour (Contact us for other colours or customised print on the cloth):</li> </ul> <div style="text-align: center; margin-top: 10px;">  <p>Blue RAL 5007</p> </div>
TOP COVER	<ul style="list-style-type: none"> <li>▪ 1 mm stainless steel or white PVC.</li> </ul>
SAFETY	<ul style="list-style-type: none"> <li>▪ Light sensor with dynamic blanking fitted in aperture. Door stops and returns to open position using a presence detector.</li> <li>▪ Motor fitted with built-in handle for use in the event of power outage, to roll the door up manually.</li> <li>▪ Can be supplied with backup power system.</li> </ul>
HEATING	<ul style="list-style-type: none"> <li>▪ 230 volt heat cables in the frame.</li> </ul>

# AUTOMATIC OPERATION / ACCESS CONTROL

