

Scandinavian quality  
= reliable / durable

# VENTILATION non-electric

Working 24 hours/day  
at no costs

## Environmentally friendly

due to working by the use of nature's own materials : expands + retracts by heating + cooling of wax, which consists of plant oils  
(= harmless to humans even if licked, as opposed to electricity failures)

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## START OPENING

Cylinder/Zylinder

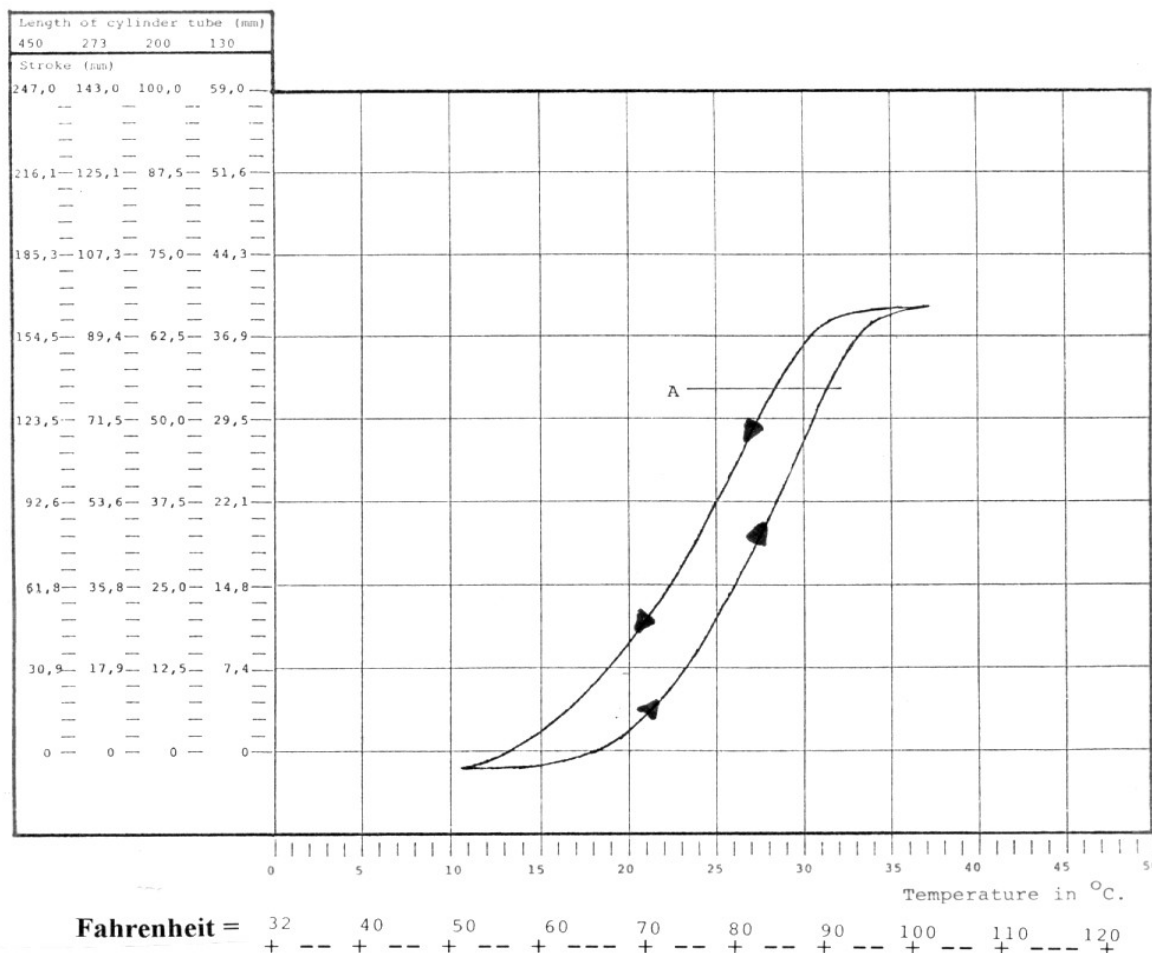
**Standard length**  
of cylinders for solar vent openers =  
**200 mm** (approx. 8") +piston rod

**Stroke length**  
for L:200 mm = 65 mm (2½")  
L:130=38 mm / L:273=93 mm / L:450=160 mm

**Standard wax**  
(called FED in short) opens at 18-34°C  
(65-93°F) and closes at 31-13°C (88-56°F)

T-max = 60°C / 145°F

### Standard wax FED =



1. Piston movement under line 0 should not be utilised. "0" is defined as stroke length zero. At zero the piston rod is extended 15 mm ± 5 mm
2. Above line A, the piston can be impeded without causing damage to the cylinder
3. The curve has been determined using a load of 33 Kg. For greater or lesser loads the piston stroke will change approx. 2,5% per 10 Kg.
4. The cylinder has been under stable temperature conditions during 6 hours at each point of measure.