



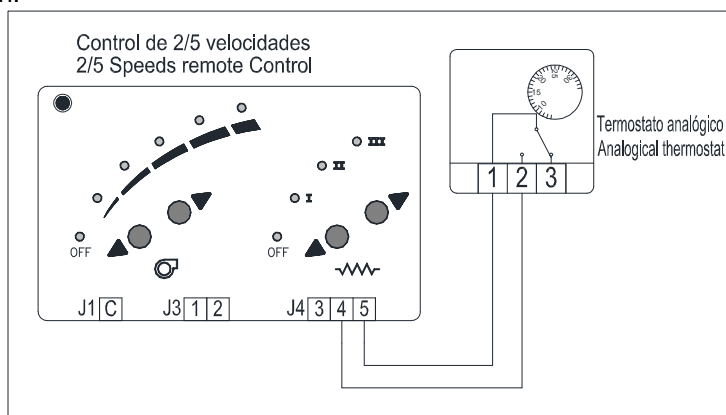
The analogical room thermostat is a device that turn ON/OFF the heating of an air curtain depending on the desired temperatura.

The desired temperatura can be adjusted using the selector.

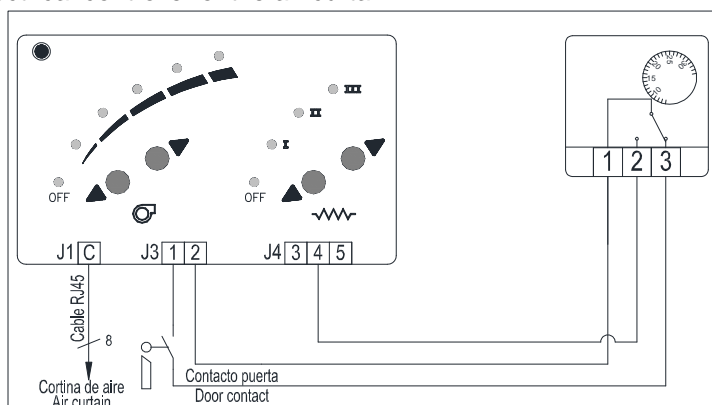
Air curtains with electrical heated

To connect the analogical room thermostat there are 2 ways:

1. **Standard controller:** When the room temperature reaches the programmed temperature, the heating stops. The room thermostat's sensor is normally closed (NC). When the temperature is under the programmed one, the contact is closed and the heating remains connected. If the room temperature increases over the programmed one, the contact is opened and the heating is disconnected. Remove the bridge between the terminals 4 and 5 of the standard electrical controller of the air curtain.



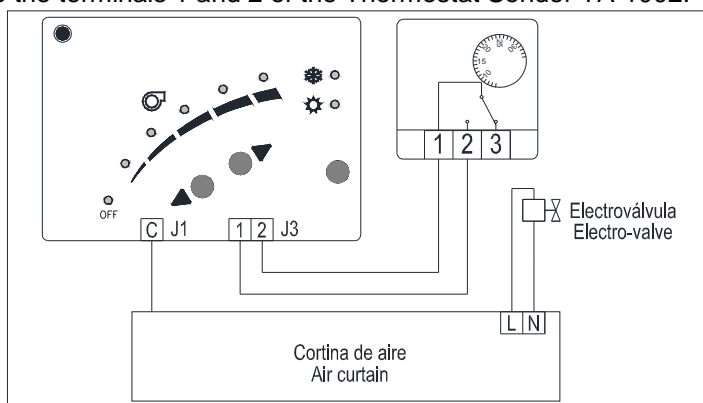
2. **Standard controller + Door Contact:** Combined with a door contact, the ventilation must work whenever the room temperature is below the programmed temperature or if the door is open. The heating is turned on depending on the programmed temperature. Remove the bridge between the terminals 4 and 5 of the standard electrical controller of the air curtain.



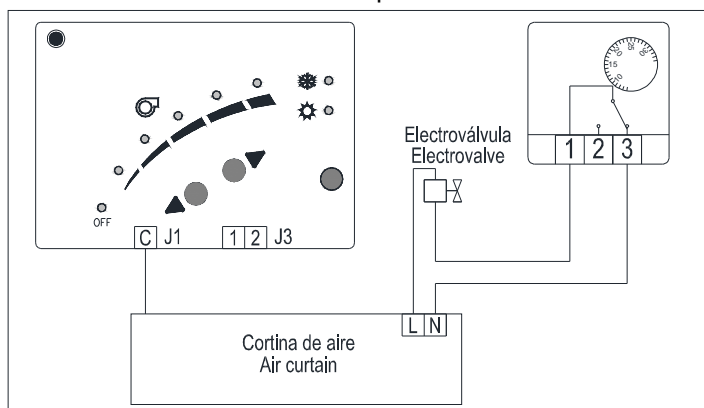
Air curtains with water heated.

To connect the room thermostat to the controller, there are 3 ways. (If the electro-valve it's not installed, the thermostat only acts on ventilation):

- 1. Thermostat connected to standard controller:** When the room temperature reaches the programmed temperature, the ventilation and the heating stops. Connect the terminals 1 and 2 from the controller to the terminals 1 and 2 of the Thermostat Sonder TA-1002.



- 2. Standard Controller and the thermostat connected to the electro-valve:** When the room temperature reaches the programmed temperature, if the electro-valve is in ON position, the heating is disconnected and the ventilation remains in operation.

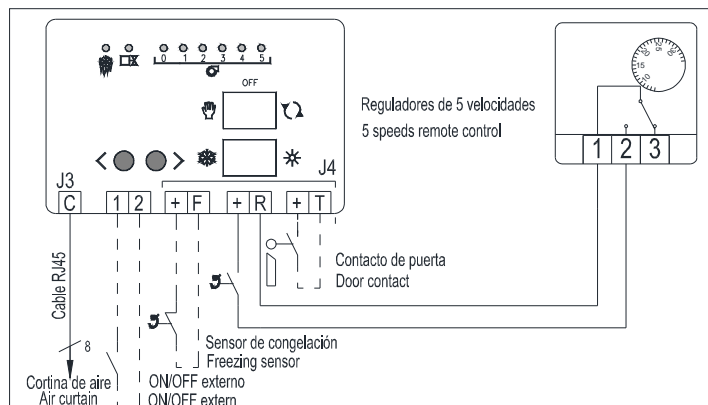


- 3. Hand Auto controller:** When the room temperature reaches the programmed temperature:

3.1. Manual: If the electro-valve is in ON position, the heating is disconnected.

3.2. Automatic:

- Door opened: If the electro-valve is in ON position, the heating is disconnected.
- Door closed: Stops the ventilation or change the speed depending on the chosen program.



TA 1000

TA 1002



TA 1007



TA 1008



Características técnicas - Technical characteristics

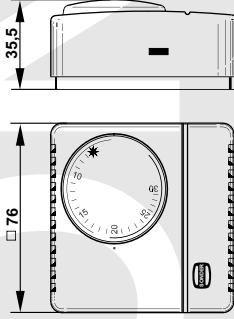
DATOS TÉCNICOS - TECHNICAL INFORMATION

Escala de regulación de - Regulation scale from:.... 6 a / to 30°C
 Posición Y (calibrado) - Y Position (gaged): 20°C ±1°C
 Diferencial - Differential:..... 1.0°C ±0.5°C
 Temperatura de trabajo - Working temperature:..... 6 a / to 30°C
 Temperatura almacenaje - Storage temperature:..... max. 50°C
 Grado de protección - Ingress Protection:..... IP20
 Poder de ruptura - Breakage power TA 1002:
 ☒ 10 (2.5)A. ☒ 5 (1.5)A 250V... 24V ~.
 Poder de ruptura - Breakage power TA 1007, 1008:
 ☒ 6 (2.5)A. ☒ 3 (1)A 250V... 24V ~.

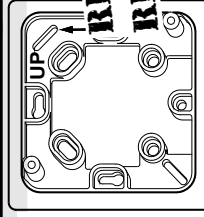
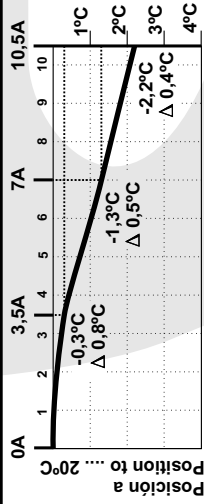


CLASE 2

Acción tipo: 1B



Deriva térmica - Thermal drift



BASE - Cod. 3970

TA 3000

TA 3002, 3006



TA 3007



Características técnicas - Technical characteristics

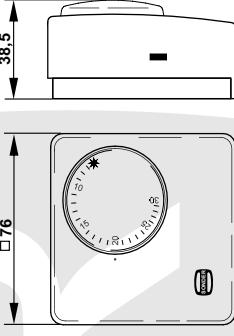
DATOS TÉCNICOS - TECHNICAL INFORMATION

Escala de regulación de - Regulation scale from:.... 6 a / to 30°C
 Posición Y (calibrado) - Y Position (gaged): 20°C ±1°C
 Diferencial - Differential:..... 1.0°C ±0.5°C
 Temperatura de trabajo - Working temperature:..... 6 a / to 30°C
 Temperatura almacenaje - Storage temperature:..... max. 50°C
 Grado de protección - Ingress Protection:..... IP20
 Poder de ruptura - Breakage power TA 3002, 3006, 3012:
 ☒ 15 (2.5)A. ☒ 10 (1.5)A 250V... 24V ~.
 Poder de ruptura - Breakage power TA 3007, 3008, 3010:
 ☒ 6 (2.5)A. ☒ 3 (1)A 250V... 24V ~.

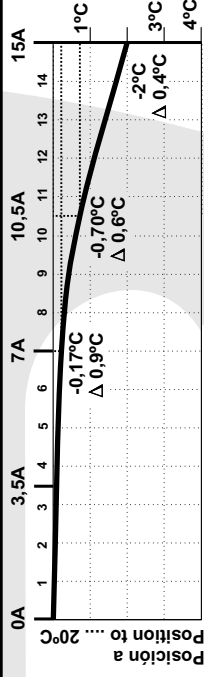


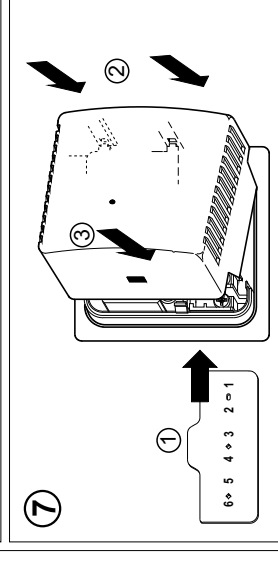
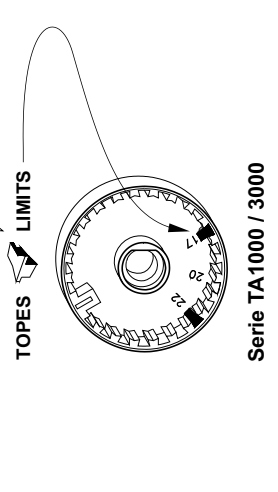
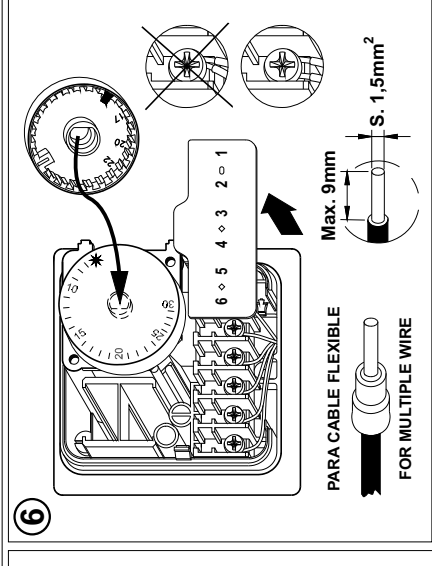
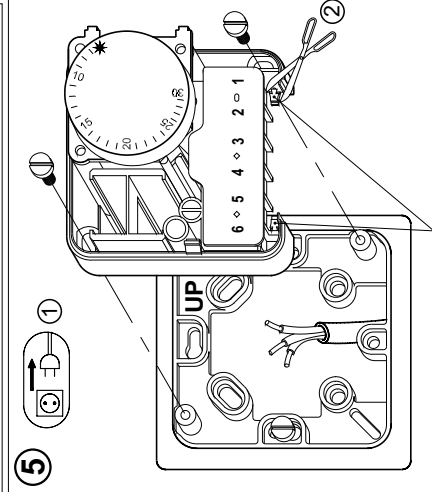
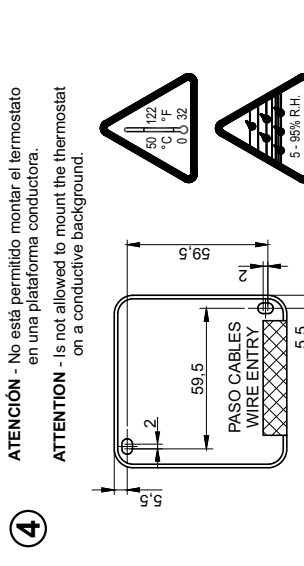
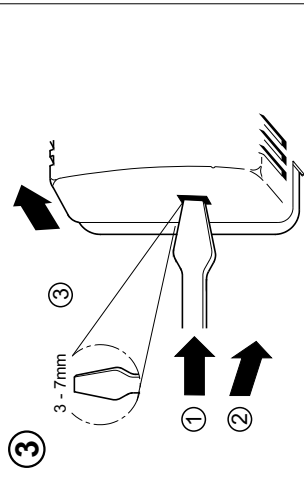
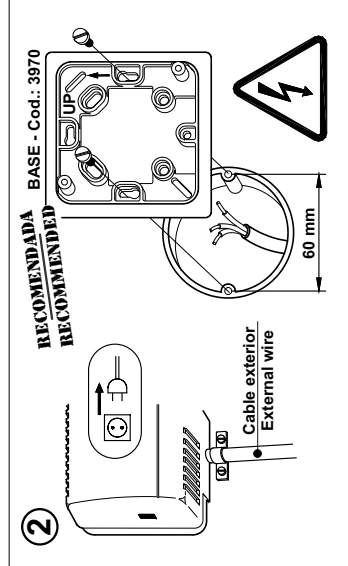
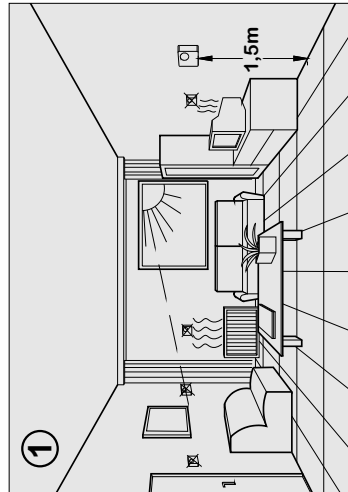
CLASE 2

Acción tipo: 1B

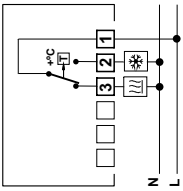


Deriva térmica - Thermal drift

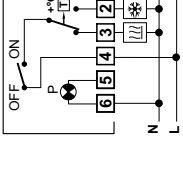




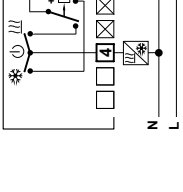
Mod. 02



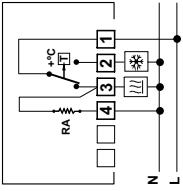
Mod. 07



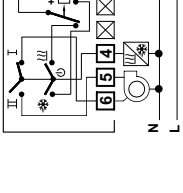
Mod. 08



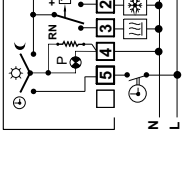
Mod. 06



Mod. 10



Mod. 12



Series TA 1000 y TA 3000

TA 1000 and TA 3000 Series

Sólo Serie TA 3000

TA 3000 Serie only

E	GB	FR	IT	D	NL	FI	SW	DK	N
	Heating Load	Charge Chauffage	Apparecchiatura di riscaldamento	Heizlast	Verwarming	Lämmitys teh	Värmeeffekt	Värmebelastning	Last oppvarming
	Cooling Load	Charge Refroidissement	Apparecchiatura di raffreddamento	Kühllast	Koeling	Jäähdytys teh	Kyliefekt	Kølebelastning	Last kjøling
	Hot	Chaleur	Calore	Wärme	Warm	Kuuma	Värmt	Värme	Värme
	Cool	Frais	Freddo	Kalt	Koud	Kylmä	Kallt	Kallt	Kjøkke
	Acceleration Resistance	Anticipothore thermique	Anticipatore termico	Thermische Ruckwirkung	Compensatie Weerstand	Kiitähys vastus	Accelerator smottsstand	Accelerator element	Akselerasjons element
	Night Reduction	Chauffage de nuit	Riscaldatore per la riduzione notturna	Heizwiderstand für nachtsabsenkung	Yö puutos	Natsänkning	Nat senkning	Nat senkning	Element for natnedsettning
	Luz Piloto	Lampe de Signalon	Lampada d'indicazione	Meldelempe	Controlle Lampe	Valodiodi	Led	Kontrolllampe	Indikeringslampe

IMPORTANT

Antes de quitar el capot, para acceder a las conexiones, asegurarse de desconectar la tensión. El termostato debe instalarse sobre una superficie lisa y libre de residuos de pintura, yeso, etc. y nunca detrás de una puerta. Para instalaciones a > 1000 mts. s.n.m. Los valores de calibración no están asegurados. Los contactos de salida no están protegidos, es responsabilidad del instalador el incorporar la protección eléctrica (homologada) adecuada a la instalación. Reservado el derecho de modificación sin previo aviso.

IMPORTANT

Before removing the cover to reach terminals be sure that conductors to connect aren't supplied. This thermostat must be settled over a completely plain and clean remainders of painting, gypsum, etc. Surface, and never behind a door. Installations over >1000 mts a. s.l. the calibration values are not assured. The leaving switches are not protected, the installer has the responsibility incorporating the electric protection (homologated) appropriate to the installation. We reserve the right to make modifications without prior notice.

Condiciones de Garantía

Este aparato tiene 2 años de garantía, ella se limita a la reposición de la pieza defectuosa. Declinamos toda responsabilidad en aparatos deteriorados, resultado de mala manipulación.

We do not take any responsibility for deteriorated equipment, which are a result of bad handling.

Condicions of Guarantee

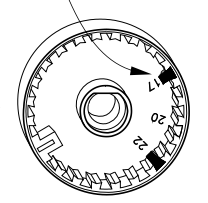
This equipment has a 2 years guarantee, which means it only replaces the faulty part. We do not take any responsibility for deteriorated equipment, which are a result of bad handling.

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Usuario- Instalador User - Installer

Nombre - Name: _____
 Apellido - Surname: _____
 Dirección - Address: _____
 Población - Town: _____
 Código Postal - Postal Code: _____
 Teléfono - Telephone: _____
 Termostato - Thermostat: _____
 Fecha de compra - Date of purchase: _____
 Devolver esta hoja a :
 Return this sheet to : _____

TOPES LIMITS



Serie TA1000 / 3000