Air heater thermostat JTL-2 ...-11, 2 functions, TÜV tested

Product class D



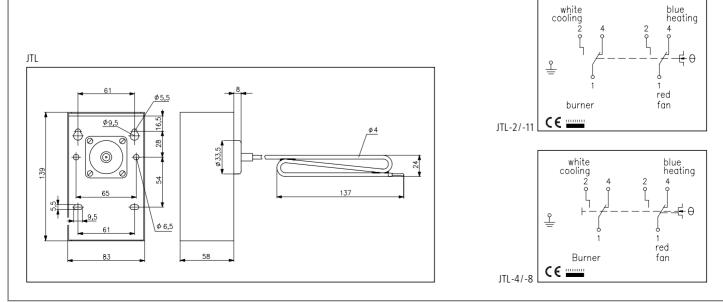
			Technical data			Application		
/- 1		лц-2	JTL-11	Switching cap Control range Control range Contact: Degree of pro Protection cla Ambient tem Sensor: Max. sensor t Colour: TÜV tested (T DIN 3440 com Registration no. For warm air he	e fan: burner: otection: lss: perature: emperature: echnical Cont opliant : TW 65796/S		mA cting as ige-over switch) made of	Used either as minimum or as maximum thermostat for supervision of additional air and fan control in ventilating units and air conditioning systems. Overheating protection thermostat for electric heating spirals and directly oil and gas fired air heaters. The switch "MAN-AUTO" enables to use the fan for ventilation during summer. In summer, the fan can be used for ventilating by means of the switch "MAN-AUTO".
Туре	ArtNo.	Swichting difference fan	Swichting difference burner	Type*	Length o	of capillary	Equipn	nent**
JTL-2	E 6110013	830 K	8 K	TW	350 mm		Intrinsic cold pro	
JTL-4	E6110037	830 K	External manual reset	STB	350 mm		Intrinsic cold pro	
JTL-8	E 6110049	830 K	External manual reset	STB	350 mm		Intrinsic safety/cold protection overheating protection	
JTL-11	E 6110064	830 K	8 K	TW	1250 mm		Intrinsic cold pro	

* TW = temperature controller, STB = safety temperature limiter

** Intrinsic safety/cold protection: all devices are fail-safe, i.e. the burner is deactivated if the sensor medium gets lost, e.g. in the event of a sensor breakdown. As minus temperatures may cause the same effect due to a volume reduction of the sensor medium used, the device can be adjusted using the "cold screw" provided for this purpose in such manner that the burner is only deactivated at temperature levels below -15°C. In this event, restart is possible only using the manual reset key and only at temperature levels higher than -5°C.

** Overheating protection:

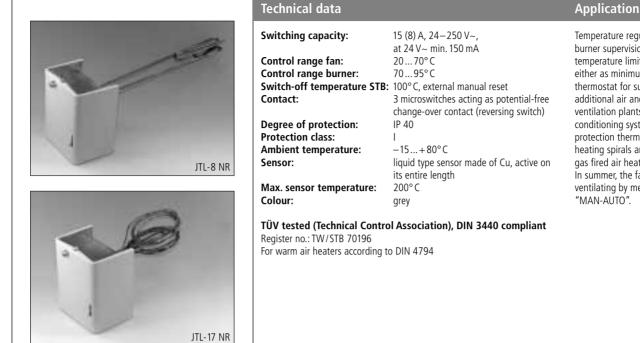
The device protects against uncontrolled overheating, e.g. caused by heat accumulation or if the overheating is due to the fact that the medium the capillary tubes are filled with disappears because the sensor or the capillary tube has suffered invisible damages etc. Upon the attainment of a temperature of 220°C, the safety solder in the sensor melts and the device, due to the loss of the medium it was filled with, deactivates the burner in a fail-safe manner. After that, the burner cannot be restarted. The device is now unserviceable and, in this condition, serves to provide evidence of the fact that an excess temperature of at least 220°C had been reached.



Air heater thermostat JTL-4 NR -17 NR, 3 functions, TÜV tested Product class D

Product class D





Temperature regulated fan control, burner supervision and safety temperature limiter, 3 functions. Used either as minimum or as maximum thermostat for supervision of additional air and fan control in ventilation plants and air conditioning systems. Overheating protection thermostat for electric heating spirals and directly oil and gas fired air heaters. In summer, the fan can be used for ventilating by means of the switch "MAN-AUTO".

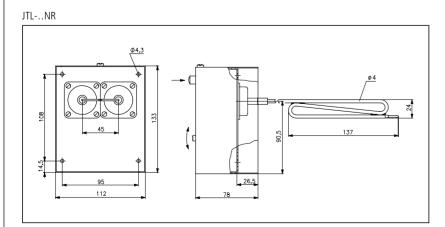
Туре	ArtNo.	Switching difference fan	Switching difference burner	Type*	Length of capillary	Equipment**
JTL-4 NR	E 6120180	830 K	8 K	TW/STB	350 mm	Intrinsic safety/ cold protection
JTL-8 NR	E 6120038	830 K	8 K	TW/STB	350 mm	Intrinsic safety/cold protection overheating protection
JTL-17 NR	E 6120077	830 K	8 K	TW/STB	1250 mm	Intrinsic safety/cold protection overheating protection

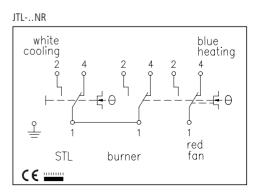
* TW = temperature controller, STB = safety temperature limiter

** Intrinsic safety/cold protection: all devices are fail-safe, i.e. the burner is deactivated if the sensor medium gets lost, e.g. in the event of a sensor breakdown. As minus temperatures may cause the same effect due to a volume reduction of the sensor medium used, the device can be adjusted using the "cold screw" provided for this purpose in such manner that the burner is only deactivated at temperature levels below -15°C. In this event, restart is possible only using the manual reset key and only at temperature levels higher than -5°C.

** Overheating protection:

The device protects against uncontrolled overheating, e.g. caused by heat accumulation or if the overheating is due to the fact that the medium the capillary tubes are filled with disappears because the sensor or the capillary tube has suffered invisible damages etc. Upon the attainment of a temperature of 220°C, the safety solder in the sensor melts and the device, due to the loss of the medium it was filled with, deactivates the burner in a fail-safe manner. After that, the burner cannot be restarted. The device is now unserviceable and, in this condition, serves to provide evidence of the fact that an excess temperature of at least 220°C had been reached.





All mentioned technical data was determined using our methods and equipment; the data shown is guaranteed in this respect only. It is the responsibility of the customers to ensure suitability for proposed application or for operating according to conditions of use. Subject to change without notice.